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DEVELOPING COUNTRIES: EDUCATION AND TRAINING
(1971 - MAY 84)

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DEVELOPING COUNTRIES: EDUCATION AND TRAINING
(1971 - MAY 84)
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JUN 84

NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VA

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THIS BIBLIOGRAPHY CONTAINS CITATIONS CONCERNING EDUCATION AND TRAINING IN AND FOR DEVELOPING NATIONS. TOPICS INCLUDE EDUCATIONAL TECHNIQUES, MATERIALS, DEVICES, AND TECHNOLOGY FOR THE FULL RANGE OF EDUCATIONAL SITUATIONS AND ENVIRONMENTS. SOME ATTENTION IS GIVEN TO HISTORICAL INFORMATION ABOUT THIRD WORLD EDUCATION. (THIS UPDATED BIBLIOGRAPHY CONTAINS 225 CITATIONS, 18 OF WHICH ARE NEW ENTRIES TO THE PREVIOUS EDITION.)

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SAMPLE CITATION

TITLE-----MAGNETIC-OPTIC MATERIALS FOR BIASING RING LASER GYROs.

AUTHOR-----KREBS, J.J. PRINZ, G.A.

CORPORATE----NAVAL RESEARCH LAB WASHINGTON DC JRNL., AND ISSUE
AUTHOR U7910 REPORT DATE-APR 78, 40P REPT NO. NRL-MR-3870
PROJ. F21234

ABSTRACT-----A SERIES OF NEW MATERIALS, INCLUDING MAGNETIC GLASSES OF FE-SI AND FE-B INVARYING COMPOSITIONS. PERMALLOYS, STANDARDS FE, NI, AND CO HAVE BEEN FABRICATED AND CHARACTERIZED. THESE RESULTS, AS WELL AS AN ANALYSIS OF THE APPLICATION OF MAGNETO-OPTIC MATERIALS TO THE LASER GYRO BIAS PROBLEMS, ARE PRESENTED. AUTHOR

SAMPLE SUBJECT INDEX ENTRY

KEYWORD-----IRON

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ABOUT NTIS

AS A CORNERSTONE OF THE TECHNOLOGICAL PUBLISHING STRUCTURE IN THE UNITED STATES, THE NATIONAL TECHNICAL INFORMATION SERVICE (NTIS) IS A KEY PARTICIPANT IN THE DEVELOPMENT OF ADVANCED INFORMATION PRODUCTS AND SERVICES FOR THE ACHIEVEMENT OF U.S. PRODUCTIVITY AND INDUSTRIAL INNOVATION GOALS IN THE 1980'S. NTIS, AN AGENCY OF THE U.S. DEPARTMENT OF COMMERCE, IS THE CENTRAL SOURCE FOR THE PUBLIC SALE OF U.S. GOVERNMENT-SPONSORED RESEARCH, DEVELOPMENT, AND ENGINEERING REPORTS, AND FOR SALES OF FOREIGN TECHNICAL REPORTS AND OTHER ANALYSES PREPARED BY NATIONAL AND LOCAL GOVERNMENT AGENCIES AND THEIR CONTRACTORS OR GRANTEEES. IT IS ALSO THE CENTRAL SOURCE FOR FEDERALLY GENERATED MACHINE PROCESSABLE DATA FILES AND SOFTWARE, AND LICENSING U.S. GOVERNMENT OWNED PATENTS. NTIS MANAGES THE CENTER FOR THE UTILIZATION OF FEDERAL TECHNOLOGY (CUFT), WHICH ALERTS U.S. INDUSTRY TO SELECTED TECHNOLOGY HAVING IMMEDIATE PRACTICAL VALUE; FEDERAL SOFTWARE EXCHANGE CENTER, FOR THE EXCHANGE OF COMPUTER SOFTWARE AMONG FEDERAL AGENCIES, WITH PUBLIC AVAILABILITY THROUGH NTIS. CONSEQUENTLY, NTIS IS ONE OF THE WORLD'S LEADING PROCESSORS OF SPECIALTY INFORMATION.

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- 106 HEALTH EDUCATION BY OPEN BROADCAST.
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- 108 LA PREVISION DES BESOINS EN MAIN-D'OEUVRE (THE FORECASTING OF MANPOWER REQUIREMENTS)
- 109 AN ANNOTATED LISTING OF TRAINING INSTITUTIONS OFFERING COMMUNICATIONS COURSES TO DEVELOPING-COUNTRY PERSONNEL
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- 110 MANPOWER FORECASTING MODEL FOR EDUCATIONAL PLANNING.
- 110 AN OUTLINE FOR TEACHING CONSERVATION IN HIGH SCHOOLS.
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- 111 DETERMINATION DES APTITUDES ET DE LA FORMATION REQUISES POUR LA MAIN-D'OEUVRE (TECHNIQUES FOR DETERMINING MANPOWER SKILL NEEDS AND TRAINING REQUIREMENTS)
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- 112 PLANNING FOR SATELLITE BROADCASTING: THE INDIAN INSTRUCTIONAL TELEVISION EXPERIMENT.
- 113 SUMMARY REPORT ON THE RADIO FARM FORUM PILOT PROJECT
- 114 EDUCATION AND TRAINING OF USERS OF SCIENTIFIC AND TECHNICAL INFORMATION: UNISIST GUIDE FOR TEACHERS
- 115 FILM IN DEVELOPMENT.
- 115 APPLICATION OF RADIO TO TEACHING ELEMENTARY MATHEMATICS IN A DEVELOPING COUNTRY.
- 116 MEETING THE MANPOWER CHALLENGE IN THE TRANSFER OF NUCLEAR POWER TO DEVELOPING COUNTRIES.
- 117 PLANNING OF SCHOOLS OF MEDICINE.
- 118 CONTABILIDAD PARA LA MICRO EMPRESA: MANUAL DE ENSEANZA (ACCOUNTING FOR THE SMALL BUSINESS: TEACHING MANUAL).
- 118 HEALTH EDUCATION: A REVIEW OF THE WHO PROGRAMME.
- 119 THE ROLE OF U.S. ENGINEERING SCHOOLS IN DEVELOPMENT ASSISTANCE.
- 120 HEALTH EDUCATION: A STUDY UNIT ON FECAL-BORNE DISEASES AND PARASITES.
- 120 TEACHING MANUAL: SCHOOL GARDENS AND NUTRITION. (MANUAL DIDACTICO: HUERTOS ESCOLARES Y NUTRICION).
- 121 MARINE TECHNOLOGY TRANSFER AS FOREIGN AID TO LESS DEVELOPED NATIONS FROM OCEANOGRAPHIC INSTITUTIONS IN INDUSTRIALIZED COUNTRIES: A SEARCH FOR AN EFFECTIVE MECHANISM IN THE EDUCATIONAL SECTOR.
- 121 THE ROLE OF COMMUNICATION SATELLITES IN EDUCATION FOR LESS-DEVELOPED COUNTRIES.
- 122 SATELLITE EDUCATIONAL SYSTEM COSTS FOR THREE MODEL DEVELOPING COUNTRIES

- 122 SMALL-SCALE INDUSTRY GRANT: ADMINISTRATION
PROJECT-STIMULATING THE GROWTH OF SMALL-SCALE INDUSTRY.
- 123 ANALYZING THE USE OF TECHNOLOGY TO UPGRADE EDUCATION IN
A DEVELOPING COUNTRY.
- 123 WORKSHOP ON EDUCATION AND TRAINING NEEDS FOR PHILIPPINE
ENVIRONMENTAL PROGRAMS HELD IN MANILA PHILIPPINES MAY
27-31 1974.
- 124 STRENGTHENING CAPABILITIES OF DEVELOPING COUNTRIES TO
ACQUIRE PROCESS AND UTILIZE INFORMATION ABOUT OCEAN
RESOURCES.
- 124 TECHNICAL-ECONOMIC CONSIDERATIONS IN PUBLIC SERVICE
BROADCAST COMMUNICATIONS FOR DEVELOPING COUNTRIES
- 125 MANPOWER FOR INDUSTRY IN DEVELOPING NATIONS.
- 125 STUDY FOR AGRICULTURAL ENGINEERING DEVELOPMENT IN
BRAZIL.
- 126 CENTO CONFERENCE ON ENGINEERING EDUCATION HELD IN
ISFAHAN IRAN ON NOVEMBER 7-13 1966.
- 126 CENTO CONFERENCE ON INDUSTRIAL VOCATIONAL EDUCATION
HELD IN RAMSAR IRAN ON JUNE 23-30 1966.
- 127 CENTO CONFERENCE ON AGRICULTURAL EXTENSION HELD IN
ANKARA-DENIZLI-IZMIR TURKEY 12-22 APRIL 1967.
- 127 SCIENCE EDUCATION IMPROVEMENT PROJECT.
- 128 SCIENCE TECHNOLOGY AND DEVELOPMENT. VOLUME XI. HUMAN
RESOURCES. TRAINING OF SCIENTIFIC AND TECHNICAL
PERSONNEL.
- 128 A COMPARISON STUDY FOR EVALUATING PRIMARY SCHOOL
SCIENCE IN AFRICA
- 129 BEGINNING SCIENCE CURRICULUM FOR ENGLISH SPEAKING
TROPICAL AFRICA (AFRICAN PRIMARY SCIENCE PROGRAM).
- 129 SOME PROBLEMS IN THE BEHAVIORAL SCIENCE EDUCATION OF
MANAGERS AND MANAGEMENT INSTRUCTORS IN DEVELOPING
NATIONS.
- 130 COMMUNICATIONS SATELLITES TECHNOLOGY TRANSFER AND
ECONOMIC DEVELOPMENT

BROADCAST SATELLITES: THEIR POTENTIAL USE FOR
EDUCATIONAL PURPOSES AND THEIR RELATIONSHIP TO
INTERNATIONAL UNDERSTANDING AND COOPERATION

CITATIONS

IMPLEMENTATION OF PRINCIPLES FOR EFFECTIVE PARTICIPATION OF COLLEGES AND UNIVERSITIES IN INTERNATIONAL DEVELOPMENT ACTIVITIES. PB84-134376

MAGRATH, C. P.

CORP. SOURCE- BOARD FOR INTERNATIONAL FOOD AND AGRICULTURAL DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8406
DESCRIP. NOTE- OCCASIONAL PAPER REPORT DATE- MAY 81
PAGINATION- 20P REPORT NO.- BIFADDP-5 MNTR. AGENCY.- ID
FN-AAK-374 NTIS PRICES- PC A02/MF A01 SUPL INFO-
PREPARED IN COOPERATION WITH MINNESOTA UNIV., MINNEAPOLIS.

THE FUTURE SUCCESS OF U.S. UNIVERSITIES IN IMPLEMENTING INTERNATIONAL EDUCATIONAL PROGRAMS (IEP'S) WILL BE DETERMINED MORE BY THE POLICIES SET IN WASHINGTON THAN BY THE ORGANIZATIONAL PRINCIPLES EMBRACED BY THE UNIVERSITIES THEMSELVES. WITH THIS STATEMENT, THE AUTHOR BEGINS A DISCUSSION OF PRINCIPLES AND MODELS FOR THE EFFECTIVE PARTICIPATION OF U.S. UNIVERSITIES IN IEP'S. THE AUTHOR NOTES THAT THE PRINCIPLES FOR IMPLEMENTING IEP'S ARE BROAD AND DEPEND UPON THE COMMITMENT OF AN INSTITUTION'S FACULTY AND ADMINISTRATION AND ON THE AVAILABILITY OF RESOURCES. IT IS THE LATTER WHICH IS IN SHORT SUPPLY. CONSEQUENTLY, HE FOCUSES ON THE CHALLENGE OF CONVINCING POLICYMAKERS IN WASHINGTON OF THE WORTH OF IEP'S. A CHALLENGE BASED ON THE BELIEF THAT WASHINGTON SETS THE NATION'S FOREIGN POLICY AGENDA, ON THE ASSUMPTION THAT U.S. UNIVERSITIES ARE AN UNTAPPED DEVELOPMENT RESOURCE, AND ON THE EXPECTATION OF REDUCED CONGRESSIONAL FUNDING OF IEP'S.

INDICATORS OF EDUCATION IN A.I.D. (AGENCY FOR INTERNATIONAL DEVELOPMENT) ASSISTED COUNTRIES. PB84-135201

CORP. SOURCE- AGENCY FOR INTERNATIONAL DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8406 DESCRIP. NOTE- STATISTICAL PROFILE SERIES. REPORT DATE- JUL 81 PAGINATION- 47P REPORT NO.- AID-PN-AAK-276 NTIS PRICES- PC A03/MF A01

EDUCATION AND HUMAN RESOURCE DEVELOPMENT HAVE BEEN AND REMAIN AN A.I.D. PRIORITY. TO ASSIST IN SUCH EFFORTS, A.I.D.'S ECONOMIC AND SOCIAL DATA SERVICES DIVISION (ESDS) HAS DEVELOPED THIS REFERENCE OF STATISTICAL INDICATORS OF EDUCATION IN AID-ASSISTED COUNTRIES, ONE IN A SERIES OF ESDS STATISTICAL PROFILES PREPARED FOR SECTORS ASSIGNED HIGH PRIORITY BY A.I.D. INDICATORS ARE PRESENTED IN THE FOLLOWING SUBJECT AREAS: (1) THE MAGNITUDE AND RATE OF ADULT LITERACY AND ILLITERACY; (2) PRIMARY AND SECONDARY SCHOOL ENROLLMENT, INCLUDING CHANGES IN ENROLLMENT, PUPIL-TEACHER RATIOS, FEMALE PARTICIPATION, AND NET ENROLLMENT BY GRADE AND AGE GROUP; (3) EFFICIENCY OF EDUCATION, THAT IS EDUCATIONAL RESOURCES WASTED THROUGH REPETITION OF GRADES AND DROPPING CUT FROM THE EDUCATIONAL SYSTEM; AND (4) EDUCATION EXPENDITURES, INCLUDING EXPENDITURES AS PERCENTAGES OF GNP AND OF TOTAL PUBLIC EXPENDITURES, EXPENDITURES BY EDUCATIONAL LEVEL AND PER STUDENT, AND RATE OF RETURN BY EDUCATIONAL LEVEL.

CHILDREN AT WORK PB84-130236

MENDELIEVICH, E.

CORP. SOURCE- INTERNATIONAL LABOUR OFFICE, GENEVA (SWITZERLAND). JOURNAL VOL.- U8405 REPORT DATE- 1979 (C) PAGINATION- 180P REPORT NO.- ISBN-92-2-102165-3 AVAIL. NOTE- NORTH AMERICAN CONTINENT SALES ONLY. ALL OTHERS INTERNATIONAL LABOR OFFICE, PUBLICATIONS DEPARTMENT, CH 1211, GENEVA 22, SWITZERLAND. NTIS PRICES- PC\$18.55

THIS BOOK LOOKS INTO THE PROBLEM OF CHILD LABOR IN VARIOUS PARTS OF THE WORLD, SHOWING ITS DETRIMENTAL EFFECTS ON THE HEALTH AND WELFARE OF THE CHILDREN CONCERNED. IT AIMS TO ANALYZE THE CAUSES OF CHILD LABOR AND TO PUT FORWARD POSSIBLE SOLUTIONS.

INTRODUCTORY COURSE IN TEACHING AND TRAINING METHODS FOR
MANAGEMENT DEVELOPMENT. PB84-134006

CORP. SOURCE- INTERNATIONAL LABOUR OFFICE, GENEVA
(SWITZERLAND). JOURNAL VOL.- U8405 REPORT DATE- 1972
PAGINATION- 324P REPORT NO.- ISBN-92-2-101006-6 AVAIL.
NOTE- NORTH AMERICAN CONTINENT SALES ONLY. ALL OTHERS
INTERNATIONAL LABOUR OFFICE, PUBLICATIONS DEPARTMENT, CH
1211, GENEVA 22, SWITZERLAND. NTIS PRICES- PC\$22.80

THE REPORT COVERS PRINCIPLES OF THE LEARNING PROCESS, THE
USE OF AUDIO VISUAL AIDS INCL. FILMS, PROGRAMMED
INSTRUCTION, ROLE PLAYING, BUSINESS SIMULATION GAMES,
IN-BASKET EXERCISES, TRAINING EVALUATION, FIELD TRAINING,
TRAINING COURSE DESIGN AND ADMINISTRATIVE ASPECTS.

MOTIVATIONAL AND SOCIAL FACTORS IN THE USE OF COMMUNICATION
TECHNOLOGY FOR EDUCATION ED-211 043

WHITE, R. A.

JOURNAL VOL.- U8404 REPORT DATE- 1960 PAGINATION- 42P
AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION
SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION),
ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

THIS REVIEW OF THE EVIDENCE REGARDING THE MOTIVATIONAL,
PEDAGOGICAL, AND SOCIAL FACTORS WHICH INFLUENCE THE
EFFECTIVENESS OF NEW COMMUNICATIONS TECHNOLOGY FOR DISTANCE
EDUCATION DISCUSSES THE IMPORTANCE OF NEW COMMUNICATIONS
TECHNOLOGY AND THE CURRENT DIRECTIONS OF RESEARCH IN THAT
AREA; MOTIVATIONAL FACTORS THAT ARE IMPORTANT IN DISTANCE
EDUCATION; AND SOME OF THE PEDAGOGICAL PROBLEMS AND SOCIAL
FACTORS THAT ARE INFLUENTIAL IN DISTANCE EDUCATION.
TWENTY-EIGHT REFERENCES ARE LISTED.

EDUCATION (THIRD EDITION). PL83-263889

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U5326
DESCRIP. NOTE- SECTOR POLICY PAPER. REPORT DATE- APR 80
PAGINATION- 150P AVAIL. NOTE- MICROFICHE COPIES ONLY.
PAPER COPY AVAILABLE FROM WORLD BANK, 1818 H ST., NW,
WASHINGTON, DC. 20433. NTIS PRICES- MF A01

THE PAPER UPDATES THE BANK'S INTERPRETATION OF EDUCATIONAL DEVELOPMENT AND OUTLINES A FRAMEWORK OF POLICY FOR LENDING TO EDUCATION. THE PAPER IS DIVIDED INTO TWO MAJOR PARTS: THE FIRST DEALS WITH ISSUES AND TRENDS IN THE DEVELOPMENT OF EDUCATION (CHAPTERS 1-7), AND THE SECOND DESCRIBES THE PAST AND FUTURE POLICIES AND PROGRAMS OF LENDING BY THE BANK FOR EDUCATION (CHAPTERS 9 AND 10) WITHIN THE CONTEXT OF OVERALL EXTERNAL AID TO EDUCATION (CHAPTER 8).

EDUCATIONAL USE OF MASS MEDIA. FE83-248278

FELICIANO, G. HANCOCK, A. HEIN, G. HURLEY, A.
JENKINS, J.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U5325
DESCRIP. NOTE- WORKING PAPER. REPORT DATE- 1981 (C)
PAGINATION- 134P REPORT NO.- WF-491 AVAIL. NOTE-
MICROFICHE COPIES ONLY. PAPER COPIES AVAILABLE FROM WORLD BANK, 1818 H ST., NW, WASHINGTON, DC. 20433. NTIS PRICES- MF A01

THIS VOLUME IS COMPOSED OF AN INTRODUCTION AND SEVEN CHAPTERS, ALL OF WHICH ARE RELEVANT TO THE EDUCATIONAL USE OF MASS MEDIA IN LESS DEVELOPED COUNTRIES (LDCS). EACH CHAPTER DEALS WITH ONE OF THE SALIENT ISSUES THAT LDCS EDUCATORS AND DECISION-MAKERS INEVITABLY ENCOUNTER WHEN THEY THINK ABOUT USING MASS MEDIA TO FURTHER THE COUNTRY'S EDUCATION AND DEVELOPMENT. (COPYRIGHT (C) 1981 THE WORLD BANK.)

NOTES ON COMPUTER EDUCATION AND TRAINING IN DEVELOPING COUNTRIES AD-P001 470/4

EL MILIGI, I. S.

CORP. SOURCE- GARYOUNIS UNIV., BENGHAZI (LIBYA). JOURNAL VOL.- U8324 REPORT DATE- NOV 82 PAGINATION- 6P NTIS PRICES- PC A02/MF A01

COMPUTER USERS NEED TRAINING IN UNDERSTANDING THE COMPUTER AND HOW TO UTILISE IT WHILE BEING AWARE OF ITS SHORTCOMINGS AND LIMITATIONS. THE TRAINING OF THE PUELIC IS CLEARLY NOT PRACTICAL. WHAT IS NEEDED HERE IS A MASS EDUCATION PROGRAMME. HOWEVER, COMPUTER EDUCATION IN SCHOOLS, ESPECIALLY SECONDARY, TECHNICAL AND COMMERCIAL, SHOULD BE GIVEN PRIORITY. USE OF THE MASS MEDIA, PAMPHLETS, MAGAZINES AND NEWSPAPERS COULD BE HELPFUL IN DISSEMINATING COMPUTER KNOWLEDGE. IT IS IMPERATIVE THAT DEVELOPING COUNTRIES SHOULD REALIZE THAT TRAINING BY SUPPLIERS AND OTHER AGENCIES IS CLEARLY LIMITED AND CATERES ONLY FOR A SMALL FRACTION OF THE OVERALL NEEDS OF A COUNTRY FOR COMPUTER EDUCATION AND TRAINING, AND THAT, UNLESS THE PROBLEM IS TAKEN IN ITS TOTALITY, COMPUTER INTRODUCTION IN THESE COUNTRIES WILL GREATLY SUFFER.

EDUCATION AND TRAINING IN INFORMATICS IN AFRICA AD-P001 471/2

SCOTT, R. J.

CORP. SOURCE- NAIROBI UNIV. (KENYA). JOURNAL VOL.- U8324 REPORT DATE- NOV 82 PAGINATION- 10P NTIS PRICES- PC A02/MF A01

DESPITE THE CONSIDERABLE AMOUNT OF TALK OF STRATEGIES FOR THE DEVELOPMENT OF INFORMATICS IN DEVELOPING COUNTRIES, ACTION IS STILL BEING HINDERED BY A LACK OF RESOURCES. ASSISTANCE IN THE FORM OF PERSONNEL, GRADUATE TRAINING PROGRAMMES, PROVEN TRAINING COURSES AND TEACHING AIDS, CAPITAL INVESTMENT FOR HARDWARE AND BUILDINGS ARE STILL IN DEMAND AND WILL CONTINUE TO BE IN DEMAND IN A COUNTRY LIKE KENYA IF ITS MOVE FROM A BASIC LEVEL OF DATA PROCESSING IS TO BE ACHIEVED IN THE NEXT DECADE. RESEARCH PROJECTS MUST BE UNDERTAKEN TO PUBLICISE THE RELEVANT APPLICATIONS WITHIN A COUNTRY AND MOST IMPORTANT OF ALL AN UPDATED INVENTORY OF

COMPUTER APPLICATIONS AND MANPOWER PROJECTIONS SHOULD BE MAINTAINED. ONCE THAT IS DONE SUFFICIENT NATIONAL INTEREST CAN BE GENERATED BY ALL PARTIES CONCERNED TO ATTEND A WORKSHOP ON HOW THESE MANPOWER NEEDS AND RESEARCH ACTIVITIES CAN BE PROVIDED AND MANAGED.

HIGHER EDUCATION IN DEVELOPING COUNTRIES: A COST-BENEFIT ANALYSIS. PB83-248153

PSACHAROPOULOS, G.

ORF. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8324
DESCRIP. NOTE- WORKING PAPER REPORT DATE- 1980 (C)
PAGINATION- 136P REPORT NO.- WP-440 AVAIL. NOTE-
MICROFICHE COPIES ONLY. PAPER COPY AVAILABLE FROM WORLD BANK, 1818 H ST., NW, WASHINGTON, DC. 20433. NTIS PRICES- MF A01

THE PURPOSE OF THIS PAPER IS TO TAKE A CLOSE LOOK AT THE SOCIO-ECONOMIC RATIONALE OF HIGHER EDUCATION PROVISION IN DEVELOPING COUNTRIES. THIS IS DONE BY REVIEWING THE COSTS AND BENEFITS ASSOCIATED WITH INVESTMENT IN HIGHER EDUCATION AS A WHOLE AND ESPECIALLY IN DIFFERENT POST-SECONDARY SUBJECTS. UNIVERSITY COSTS, AND IN PARTICULAR BENEFITS, ARE TREATED HERE IN THEIR BROADEST SENSE TO ARRIVE AT THE TRUE CONTRIBUTION OF HIGHER EDUCATION TO THE STANDARD OF LIVING OF THE PRESENT AND FUTURE GENERATIONS. THIS SOCIO-ECONOMIC EVALUATION OF THE HIGHER EDUCATION SUBSECTOR IS PERFORMED BY REFERENCE TO A MULTI-COUNTRY, MULTI-PERIOD DATA SET, WHICH HAS BEEN AUGMENTED BY NONQUANTITATIVE CONSIDERATIONS. (COPYRIGHT (C) 1980 THE WORLD BANK.)

TECNOLOGIA APROPIADA EN EDUCACION (APPROPRIATE TECHNOLOGY
IN EDUCATION) PB83-225011

BACALINI, G. MARQUES, G. B. DE AREDEDA, V. C.
MALAYASI, J. JULIAO, D. S.

CORP. SOURCE- FONDO COLOMBIANO DE INVESTIGACIONES
CIENTIFICAS Y PROYECTOS ESPECIALES, BOGOTA. JOURNAL VOL.-
U8320 REPORT DATE- FEE 79 PAGINATION- 169P NTIS
PRICES- PC A08/MF A01

THIS REPORT IS THE FINAL REPORT OF AN INTERNATIONAL SEMINAR
ON APPROPRIATE TECHNOLOGY IN EDUCATION HELD IN BOGOTA,
COLOMBIA, FROM JANUARY 29 TO FEBRUARY 2, 1979. THE PURPOSE
OF THE SEMINAR WAS TO VALIDATE THE CONCEPT OF APPROPRIATE
TECHNOLOGY IN EDUCATION (ATE); TO DETERMINE ITS FUNCTION IN
DEVELOPING SOCIETIES; AND TO DETERMINE POSSIBLE STRATEGIES
OF SUB-REGIONAL, REGIONAL, AND INTERNATIONAL ACTION TO
PROMOTE ATE. THE INTRODUCTION INTRODUCES THE CONCEPTS AND
PARTICIPANTS, AND THE SECOND SECTION COVERS THE CONCEPTUAL
CONTENTS OF THE SEMINAR. THE THIRD SECTION COVERS THE SCHEME
OF ANALYSIS FOR CASE STUDIES OF ATE PRESENTED IN THE
SEMINAR, INCLUDING SUCH IDEAS AS COMMUNITY PARTICIPATION,
NON-FORMAL EDUCATION, EDUCATIONAL RESOURCES USED FOR ATE,
AND POSSIBILITIES FOR REPLICATING SUCCESSFUL CASES. THE
FOURTH SECTION PRESENTS THE PARTICIPANTS PAPERS ON 11 CASE
STUDIES. THE FIFTH SECTION PRESENTS THE RECOMMENDATIONS AND
CONCLUSIONS OF THE SEMINAR, WHICH ARE BASICALLY THAT ATE IS
A VALID CONCEPT, AND THAT FURTHER STUDIES ARE NEEDED ON IT
TO ENSURE ITS SUCCESSFUL APPLICATION THROUGHOUT THE WORLD.

INNOVACION INDUSTRIAL Y SISTEMA EDUCATIVO (INDUSTRIAL
INNOVATION AND THE EDUCATION SYSTEM) PB83-225821

DIEZ-RODRIGUEZ, M. A. BALLESTEROS, I. C. ALONSO, M. S.

CORP. SOURCE- CENTRO PARA EL DESARROLLO TECNOLOGICO
INDUSTRIAL, MADRID (SPAIN). JOURNAL VOL.- U8320 REPORT
DATE- OCT 81 PAGINATION- 66P REPORT NO.- CDTI-5
NTIS PRICES- PC A04/MF A01

THIS DOCUMENT ADDRESSES THE NEED TO INTEGRATE EDUCATION INTO
A POLICY OF STIMULATION OF INNOVATION, TRAIN HUMAN RESOURCES
TO CREATE A CULTURAL BASE FAVORABLE TO INNOVATION, USE
INNOVATION TO COMBAT UNEMPLOYMENT, AND ADOPT A CONCEPT OF

CONTINUING EDUCATION. IT STUDIES THE MODERN POSTINDUSTRIAL SOCIETY, THE STRATEGIC VALUE OF INNOVATION, INNOVATION AS AN EDUCATIONAL END, INNOVATIVE PEDAGOGIC THEORIES AND METHODS, INNOVATION AS AN EDUCATIVE GOAL--TAXONOMY AND TYPOLOGY FROM GRADE SCHOOL THROUGH THE UNIVERSITY, THE ROLE OF THE PROFESSOR, AND INNOVATION AS A POLICY OF THE EDUCATION ADMINISTRATION.

MILITARY EDUCATION SYSTEM AND NATIONAL DEVELOPMENT: THE CASE OF THE REPUBLIC OF KOREA ARMY. AD-A128 202/9

KO, G. W.

CORP. SOURCE- NAVAL POSTGRADUATE SCHOOL, MONTEREY, CA.
JOURNAL VOL.- U8318 DESCRIP. NOTE- MASTER'S THESIS
REPORT DATE- MAR 83 PAGINATION- 48P NTIS PRICES- PC
A03/MF A01

THE PRIMARY MISSION OF THE MILITARY IS TO WAGE SUCCESSFUL BATTLES IN WAR, BUT IN PEACE ITS MISSION MUST BE THAT OF CONTRIBUTING TO NATIONAL DEVELOPMENT. THIS IS THE MODERN TREND AND TENDENCY. IN THE CASE OF KOREA, THE MILITARY HAS A DOUBLE MISSION OF CONTRIBUTING TO THE NATION'S DEVELOPMENT WHILE ALSO PREVENTING WAR FROM BREAKING OUT BY SERVING AS THE FOREMOST LINE OF DEFENSE AGAINST THE COMMUNISTS. THIS STUDY SURVEYS THE ROLE OF THE KOREAN MILITARY EDUCATION SYSTEM IN NATIONAL DEVELOPMENT, AND EXAMINES THE INTERDEPENDENCE BETWEEN THE MILITARY AND SOCIETY IN FOR ENHANCING BENEFIT FROM THE MILITARY EDUCATION SYSTEM.

EDUCATION COOPERATIVE AND ITS APPLICABILITY TO DEVELOPING COUNTRIES. SHR-0009476

BAKER, M. VEAGRA, S. D. WITHAM, P.

CORP. SOURCE- BOSTON COLL., CHESTNUT HILL, MA. GRADUATE SCHOOL OF SOCIAL WORK. JOURNAL VOL.- UE314 p7702
REPORT DATE- 1980 PAGINATION- 64P NTIS PRICES- PC
A04/MF A01

THIS REPORT SUMMARIZES THE EXPERIENCES OF THREE GRADUATE STUDENTS FROM LATIN AMERICA AT THE EDUCATION COOPERATIVE (TEC) -- A COLLABORATIVE EFFORT AMONG 10 MASSACHUSETTS

SCHOOL DISTRICTS -- AND DISCUSSES THE TRANSFER OF THE KNOWLEDGE ACQUIRED TO ACTUAL PRACTICE IN THEIR RESPECTIVE COUNTRIES. GENERAL CHARACTERISTICS OF EDUCATIONAL COLLABORATIVES ARE DETAILED, AND TEC'S HISTORY IS REVIEWED. TEC HAS BEEN INVOLVED IN PROMOTING GREATER UNDERSTANDING OF REGIONAL RESOURCES IN SPECIAL EDUCATION AND IDENTIFYING EXISTING MATERIALS, FACILITIES, AND PROGRAMS IN MEMBER DISTRICTS. EACH GRADUATE STUDENT WAS ASSIGNED TO A DIFFERENT TEC PROJECT: THE CAREER EDUCATION PROGRAM AIMED AT INTEGRATING CLASSROOM KNOWLEDGE WITH THE WORLD OF WORK; THE CAREER OPPORTUNITIES PROGRAM, AN EFFORT TO PROVIDE CAREER OPPORTUNITIES TO JUNIOR AND SENIOR HIGH SCHOOL STUDENTS WITH DEVELOPMENTAL DISABILITIES; AND A MODEL TRAINING PROGRAM FOR PARENTS OF YOUNG CHILDREN WITH SPECIAL NEEDS AND PROFESSIONALS WHO WORK WITH THESE CHILDREN. THE REPORT DESCRIBES EACH PROJECT AS WELL AS THE INDIVIDUAL INTERN'S ACTIVITIES. IT THEN DISCUSSES THE REPLICATION OF THESE PROGRAMS IN BRAZIL, CHILE, AND PANAMA. BASIC INFORMATION ABOUT EACH COUNTRY IS PROVIDED. THE FINAL SECTION EXAMINES THE APPLICABILITY OF THE COLLABORATIVE CONCEPT TO DEVELOPING COUNTRIES. TABLES, CHARTS, AND REFERENCES ARE PROVIDED.

HIMACHAL PRADESH KRISHI VISHVA VIDYALAYA ANNUAL REPORT
1979-80 P683-151001

SETHI, G. S. PANDE, P. P.

CORP. SOURCE- HIMACHAL PRADESH KRISHI VISHVA VIDYALAYA,
PALAMPUR (INDIA). JOURNAL VOL.- U831C REPORT DATE-
1980 PAGINATION- 101P NTIS FRICLS- PC A06/MF A01

DETAILS OF THE FACULTIES AND FACILITIES AVAILABLE AT THE COLLEGES OF AGRICULTURE AT PALAMPUR AND SOLAN ARE GIVEN. THE AGRICULTURAL RESEARCH PROGRAMS OF THE UNIVERSITY UNDER PLANT BREEDING AND GENETICS, AGRONOMY AND AGROMETEOROLOGY, SOIL SCIENCE AND WATER MANAGEMENT, HORTICULTURE AND FRUIT TECHNOLOGY, VEGETABLE CROPS AND FLOHICULTURE, MYCOLOGY AND PLANT PATHOLOGY, ENTOMOLOGY AND APICULTURE, FORESTRY, ANIMAL SCIENCE AND AGRICULTURAL ECONOMICS ARE DESCRIBED IN DETAIL.

PRODUCTION AND UTILIZATION OF EDUCATIONAL BROADCASTING PROGRAMMES. REPORT OF AN APEID TECHNICAL WORKING GROUP MEETING ON EDUCATIONAL BROADCASTING KUALA LUMPUR MALAYSIA NOVEMBER 19-DECEMBER 1 1979. ED-205 164

CORP. SOURCE- UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION, BANGKOK (THAILAND). REGIONAL OFFICE FOR EDUCATION IN ASIA AND OCEANIA. JOURNAL VOL.- U8310 REPORT DATE- 1980 PAGINATION- 61P REPORT NO.- BKAE00P412-1200. AVAIL. NOTE- AVAILAELE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

MEMEERS OF THE TECHNICAL WORKING GROUP REPRESENTING 14 UNESCO MEMBER STATES MET (1) TO REVIEW AND DISCUSS MAJOR PROBLEMS, ISSUES, AND PROSPECTS IN THE REGION FOR EDUCATIONAL BROADCASTING; (2) TO IDENTIFY TRAINING NEEDS FOR PROMOTION OF EDUCATIONAL BROADCASTING; AND (3) TO DEVELOP GUIDELINES FOR THE PRODUCTION, USE, AND EVALUATION OF EDUCATIONAL RADIO/TELEVISION PROGRAMMES FOR FACILITATING THE PROGRAMS OF UNIVERSALIZATION OF EDUCATION AND INTEGRATED RURAL DEVELOPMENT. THIS REPORT PRESENTS THE HIGHLIGHTS OF EACH COUNTRY'S EXPERIENCES IN EDUCATIONAL BROADCASTING; DISCUSSIONS OF COMMON PROBLEMS, ISSUES, TRENDS, AND TRAINING NEEDS; AND GUIDELINES FORMULATED BY THE PARTICIPANTS, TOGETHER WITH RECOMMENDATIONS AND SUGGESTIONS. THE APPENDICES INCLUDE THE AGENDA OF THE MEETING, A LIST OF THE 18 PARTICIPANTS AND THE INAUGURAL ADDRESS BY THE DEPUTY MINISTER OF EDUCATION OF MALAYSIA.

LOS TEXTOS ESCOLARES Y EL RENDIMIENTO ACADEMICO: LO QUE SAEEMOS (TEXTBOOKS AND ACHIEVEMENT: WHAT WE KNOW). IBRD-WP-298-SP

HEYNEMAN, S. P. FARRELL, J. P. SEFULVEDA-STUARDO, M. A.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309 DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- OCT 78 PAGINATION- 70P NTIS PRICES- FC A04/MF A01

THE AUTHORS PRESENT A REVIEW OF THE PUBLISHED EVIDENCE FROM LESS INDUSTRIALIZED SOCIETIES ON THE RELATIONSHIP BETWEEN

TEXTBOOKS AVAILABLE AND ACADEMIC ACHIEVEMENT. THE DATA USED IS FROM 12 COUNTRIES. THE AUTHORS CONCLUDE THAT THE AVAILABILITY OF BOOKS APPEARS TO BE THE MOST CONSISTENT SCHOOL FACTOR IN PREDICTING ACADEMIC ACHIEVEMENT, ALTHOUGH THEIR EFFECT IS FAR FROM UNIFORM.

LES MANUELS SCOLAIRES ET LE NIVEAU ATTEINT PAR L'ELEVE: CE QUE NOUS SAVONS (TEXTBOOKS AND ACHIEVEMENT: WHAT WE KNOW).
IBRD-WP-298-FR

HEYNEMAN, S. P. FARRELL, J. P. SEFULVEDA-STUARDO, M. A.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- OCT 78
PAGINATION- 48P NTIS PRICES- PC A03/MF A01

THE AUTHORS PRESENT A REVIEW OF THE PUBLISHED EVIDENCE FROM LESS INDUSTRIALIZED SOCIETIES ON THE RELATIONSHIP BETWEEN TEXTBOOKS AVAILABLE AND ACADEMIC ACHIEVEMENT. THE DATA USED IS FROM 12 COUNTRIES. THE AUTHORS CONCLUDE THAT THE INVESTMENT IN READING MATERIALS RESULTS MORE OFTEN IN IMPROVED EDUCATION THAN DO OTHER PEDAGOGICAL VARIABLES.

TEXTBOOKS AND ACHIEVEMENT: WHAT WE KNOW. IBRD-WP-296-EN

HEYNEMAN, S. P. FARRELL, J. P. SEFULVEDA-STUARDO, M. A.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- OCT 78
PAGINATION- 45P NTIS PRICES- PC A03/MF A01

THE AUTHORS PRESENT A REVIEW OF THE PUBLISHED EVIDENCE FROM LESS INDUSTRIALIZED SOCIETIES ON THE RELATIONSHIP BETWEEN TEXTBOOKS AVAILABLE AND ACADEMIC ACHIEVEMENT. THE DATA USED IS FROM 12 COUNTRIES. THE AUTHORS CONCLUDE THAT THE AVAILABILITY OF BOOKS APPEARS TO BE THE MOST CONSISTENT SCHOOL FACTOR IN PREDICTING ACADEMIC ACHIEVEMENT, ALTHOUGH THEIR EFFECT IS FAR FROM UNIFORM.

EDUCATIONAL REFORM IN THE SOVIET UNION: IMPLICATIONS FOR
DEVELOPING COUNTRIES. IBRD-WP-286

BLUMENTHAL, I. BENSON, C. BALDERSTON, S.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- MAY 78
PAGINATION- 113P NTIS PRICES- PC A06/MF A01

THIS PAPER EXAMINES THE CAUSES AND CONSEQUENCES OF
EDUCATIONAL REFORM IN THE SOVIET UNION AND DRAWS LESSONS FOR
PLANNERS IN DEVELOPING COUNTRIES WHO ARE CONFRONTED WITH
SIMILAR ISSUES. RECOMMENDATIONS FOR DEVELOPING COUNTRIES
INCLUDE: THE USE OF GENERAL EDUCATION AS THE BASIS FOR
EFFECTIVE TECHNICAL-PROFESSIONAL TRAINING; THE NEED TO
DIRECT STUDENTS TOWARD AREAS OF NEED; THE IMPORTANCE OF
UNIVERSAL LITERACY; INITIAL EMPHASIS ON PRIMARY EDUCATION
FOR ALL, AND EDUCATION FOR WOMEN; THE VALUE OF NONFORMAL
EDUCATION; AND, STATE SUBSIDIES FOR HIGH EDUCATION.

EDUCATIONAL EFFECTS OF CLASS SIZE. IBRD-WP-280

HADDAD, W. D.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- JUN 76
PAGINATION- 25P NTIS PRICES- PC A02/MF A01

THIS PAPER RELATES RESEARCH RESULTS TO THE QUESTIONS: DO
PUPILS LEARN BETTER IN SMALL OR LARGE CLASSES. DO THE
EDUCATIONAL BENEFITS OF SMALL CLASSES, IF THEY EXIST,
JUSTIFY THE ADDITIONAL COST. IS THERE AN OPTIMUM CLASS SIZE
THAT MAXIMIZES EDUCATIONAL BENEFITS AND COST-EFFECTIVENESS.
ON THE BASIS OF THE REVIEWED STUDIES, IT CANNOT BE CONCLUDED
THAT AN INCREASE IN CLASS SIZE WILL NECESSARILY LEAD TO A
DECREASE IN THE LEVEL OF ACADEMIC ACHIEVEMENTS OF PUPILS.
WHAT SEEMS TO BE MORE IMPORTANT IS WHAT THE TEACHER DOES
WITH THE OPPORTUNITIES PROVIDED BY THE SIZE OF THE CLASS.

LABOR MARKET SEGMENTATION AND THE DETERMINATION OF EARNINGS:
A CASE STUDY. IIRD-WP-278

MAZUMDAR, D. AHMED, M.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- MAY 78
PAGINATION- 45P NTIS PRICES- PC A03/MF A01

THIS PAPER IS AN ESSAY ON THE DETERMINATION OF THE EARNINGS
OF EMPLOYEES IN URBAN MALAYSIA BASED ON A SAMPLE SURVEY
CARRIED OUT BY THE WORLD BANK IN THREE TOWNS OF PENINSULAR
MALAYSIA IN THE SECOND HALF OF 1974. THE MAIN PURPOSE IS TO
ASSESS THE IMPORTANCE OF INSTITUTIONAL FACTORS AND TO TEST A
FEW WIDELY HELD HYPOTHESES ABOUT THE ROLE OF LABOR MARKET
SEGMENTATION IN DETERMINING THE LEVEL OF EARNINGS IN
DIFFERENT SECTORS OF THE MARKET.

BASIC EDUCATION AND INCOME INEQUALITY IN BRAZIL: THE
LONG-TERM VIEW. IIRD-WP-268

JALLADE, J.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- JUN 77
PAGINATION- 93P NTIS PRICES- PC A05/MF A01

THIS PAPER TREATS THE LONG-TERM IMPACT OF BASIC EDUCATION ON
INCOME INEQUALITY IN BRAZIL. FIRST IT EXAMINES HOW
INVESTMENT IN BASIC EDUCATION AFFECTS INCOME. SECOND, IT
ASSESSES HOW MUCH GOVERNMENT FINANCING OF EDUCATIONAL
SERVICES AND TAXING OF THE RETURNS TO EDUCATION INVESTMENT
HELP TO ACHIEVE A MORE EQUITABLE DISTRIBUTION OF INCOME.

RADIO FOR EDUCATION AND DEVELOPMENT: CASE STUDIES VOLUME I
AND II. IERD-WP-266

SPAIN, P. L. JAMISON, D. T. MCANARY, E. G.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- MAY 77
PAGINATION- 479P NTIS PRICES- PC A21/MF A01

THESE VOLUMES BRING TOGETHER A NUMBER OF WORLD BANK REPORTS
ON THEIR PROJECT EXPERIENCE USING RADIO TO STIMULATE
EDUCATIONAL AND ECONOMIC DEVELOPMENT. PAPERS INCLUDED
DESCRIBE RADIO'S USE FOR IN-SCHOOL EDUCATION, FOR FORMAL
EDUCATION OUT-OF-SCHOOL, FOR NON-FORMAL EDUCATION, FOR
DISTANCE LEARNING, AND FOR INTERACTIVE DEVELOPMENT
COMMUNICATIONS. MOST OF THE PAPERS ARE CASE STUDIES OF
PROJECT EXPERIENCES.

PATTERNS OF EDUCATIONAL EXPENDITURES. IERD-WP-246

ZYFELMAN, M.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- NOV 76
PAGINATION- 88P NTIS PRICES- PC #05/MF A01

THIS PAPER PRESENTS DATA ON EDUCATIONAL EXPENDITURES OF LDCS
AND OECD COUNTRIES AND COMPARES PATTERNS OF ALLOCATION OF
THESE EXPENDITURES BY LEVELS OF EDUCATION. EXPENDITURES AT
EACH LEVEL ARE ALSO ANALYZED IN TERMS OF THEIR THREE
COMPONENTS: UNIT COSTS, ENROLLMENT RATES, AND THE PROPORTION
OF THE SCHOOL-AGE POPULATION IN THE TOTAL POPULATION.

THE ECONOMIC COST OF THE 'INTERNAL' BRAIN DRAIN: ITS
MAGNITUDE IN DEVELOPING COUNTRIES. IERD-WP-243

PINERA, S. SELOWSKY, M.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- SEP 76
PAGINATION- 87P NTIS PRICES- PC A05/MF A01

THIS PAPER EXAMINES THE HYPOTHESIS OF FACTOR COMPLEMENTARITY
EETWEEN (1) ONE'S PRESCHOOL ABILITY AND (2) EDUCATION, IN
DETERMINING AN INDIVIDUAL'S FUTURE PRODUCTIVITY. THE AUTHORS
PROPOSE A FRAMEWORK IN WHICH EDUCATIONAL RESOURCES ARE
CORRELATED TO ABILITY TO PRODUCE THE MOST POSITIVE IMPACT
AND ASSERT THAT THE INFLUENCE OF FACTORS SUCH AS FAMILY
INCOME IN DETERMINING ONE'S LEVEL OF EDUCATION CAUSE A
MISALLOCATION OF EDUCATIONAL RESOURCES.

UNEMPLOYMENT LABOR MARKET SEGMENTATION THE OPPORTUNITY COST
OF LABOR AND THE SOCIAL RETURNS TO EDUCATION. IBRD-WP-233

PINERA, S. SELOWSKY, M.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- JUN 76
PAGINATION- 53P NTIS PRICES- PC A04/MF A01

THIS PAPER EXAMINES THE DISCREPANCY BETWEEN THE LEVEL OF
OBSERVED MARKET WAGES AND THE TRUE MARGINAL PRODUCT OF LABOR
CLASSIFIED BY LEVEL OF SCHOOLING IN AN UREAN ECONOMY.

COSTING AND FINANCING EDUCATION IN LDCS: CURRENT ISSUES.
IBRD-WP-216

HULTIN, M. JALLADE, J.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- MAY 75
PAGINATION- 30P NTIS PRICES- PC A03/MF A01

THIS PAPER REVIEWS TWO DIFFERENT ISSUES OF CONCERN TO
EDUCATIONAL PLANNERS AND POLICY-MAKERS INVOLVED IN THE
COSTING AND FINANCING OF EDUCATION. THE FIRST ISSUE IS THE
FINANCIAL IMPOSSIBILITY OF CONTINUING UPWARD TRENDS IN
EDUCATIONAL COSTS. THE SECOND ISSUE IS THAT OF EDUCATION AND
INCOME DISTRIBUTION.

THE DETERMINANTS OF SCHOOL ACHIEVEMENT IN DEVELOPING
COUNTRIES: THE EDUCATIONAL PRODUCTION FUNCTION.
IBRD-WP-201

ALEXANDER, L. SIMMONS, J.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- MAR 75
PAGINATION- 74P NTIS PRICES- PC A04/MF A01

THIS PAPER REVIEWS THE LITERATURE ON EDUCATIONAL PRODUCTION
FUNCTIONS FOR DEVELOPING COUNTRIES AND SUGGESTS THE POLICY
IMPLICATIONS. THE PAPER INCLUDES TABLES, ANNEXES, AND A
BIBLIOGRAPHY.

HOW EFFECTIVE IS SCHOOLING IN PROMOTING LEARNING. A REVIEW
OF THE RESEARCH. IBRD-WP-200

SIMMONS, J.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- MAR 75
PAGINATION- 88P NTIS PRICES- PC A08/MF A01

THIS PAPER REVIEWS THE RESULTS OF EDUCATIONAL RESEARCH IN
BOTH DEVELOPED AND DEVELOPING COUNTRIES ON THE ISSUE OF
SCHOOLING EFFECTIVENESS AND DISCUSSES THE POLICY
IMPLICATIONS OF ITS FINDINGS.

INVESTMENT IN EDUCATION: NATIONAL STRATEGY OPTIONS FOR
DEVELOPING COUNTRIES. IBRD-WP-196

SIMMONS, J.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- FEB 75
PAGINATION- 221P NTIS PRICES- PC A10/MF A01

THIS STUDY IS A COLLECTION OF PAPERS REVIEWING THE MAIN
FEATURES OF EDUCATIONAL SYSTEMS IN DEVELOPING COUNTRIES AND
THE INVESTMENT ISSUES. OPTIONS FOR NATIONAL EDUCATIONAL
STRATEGIES ARE PROPOSED.

EDUCATION POVERTY AND DEVELOPMENT. IERD-WP-188

SIMMONS, J.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- FEB 74
PAGINATION- 78P NTIS PRICES- PC A05/MF A01

THIS PAPER REVIEWS THE MAJOR FEATURES OF EDUCATIONAL SYSTEMS
IN DEVELOPING COUNTRIES, INCLUDING INVESTMENT; OUTPUT;
INTERNAL EFFICIENCY; BENEFITS; AND RETURN ON INVESTMENT,
EMPLOYMENT AND INCOME DISTRIBUTION. OPTIONS FOR NATIONAL
STRATEGIES ARE DISCUSSED INCLUDING DAMPENING THE SOCIAL
DEMAND FOR SCHOOLING; INCREASING THE ECONOMIC RELEVANCE OF
ALTERNATIVE LEARNING SYSTEMS; AND, COMPENSATING FOR THE
INEQUAL EFFECTS OF EXISTING FORMAL SCHOOL SYSTEMS.

STUDENT LOANS IN DEVELOPING COUNTRIES: AN EVALUATION OF THE
COLOMBIAN EXPERIENCE. IBRD-WP-182

JALLADE, J.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- JUN 74
PAGINATION- 77P NTIS PRICES- PC A05/MF A01

THIS PAPER IS AN ASSESSMENT OF THE COLOMBIAN EXPERIENCE WITH
STUDENT LOANS. THE METHODOLOGICAL APPROACH IS EMPIRICAL. THE
AUTHOR SUGGESTS IMPROVEMENTS FOR THE ICETEX PROGRAM AND
OUTLINES THE LESSONS TO BE LEARNED FROM THE COLOMBIAN DATA
WHICH MAY BE APPLICABLE ELSEWHERE. NUMERICAL TABLES ARE
INCLUDED AS ARE SAMPLES OF THE LOAN APPLICATION FORM AND
COLLING SHEET.

COST EFFECTIVENESS OF ALTERNATIVE LEARNING TECHNOLOGIES IN INDUSTRIAL TRAINING: A STUDY OF IN-PLANT TRAINING AND VOCATIONAL SCHOOLS. IERD-WP-169

ZYMELMAN, M. HOROWITZ, M. HERRNSTAFT, E. WOODRUFF, A.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8309
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- DEC 73
PAGINATION- 195P NTIS PRICES- PC A09/MF A01

THE PURPOSE OF THIS PAPER IS TO EXPLORE THE CIRCUMSTANCES UNDER WHICH IN-PLANT TRAINING WOULD BE PREFERABLE TO FORMAL VOCATIONAL SCHOOLS IN DEVELOPING COUNTRIES AND TO DEVELOP A METHODOLOGY FOR THE EVALUATION OF VOCATIONAL TRAINING SCHEMES. A METHODOLOGY FOR THE EVALUATION OF A VOCATIONAL TRAINING SCHEME IS DEVELOPED AND ILLUSTRATED WITH THE HELP OF A NUMERICAL EXAMPLE.

THE FINANCING OF EDUCATION: AN EXAMINATION OF BASIC ISSUES. IERD-WP-157

JALLADE, J.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8308
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- JUL 73
PAGINATION- 47P NTIS PRICES- PC A03/MF A01

THIS PAPER TREATS A NUMBER OF ISSUES IN THE FIELD OF EDUCATION FINANCE. THE ESCALATING COSTS OF EDUCATION IN RECENT YEARS GIVE THESE PROBLEMS A SPECIAL IMPORTANCE AND URGENCY, PARTICULARLY IN LESS DEVELOPED COUNTRIES. THE NATURE OF EDUCATION AS A SEMI-PUBLIC GOOD TOGETHER WITH ITS IMPLICATIONS FOR FINANCE, ARE DISCUSSED. THE CASE FOR A MIX OF PRIVATE AND PUBLIC FINANCE FOR EDUCATION IS MADE, AND ITS INCOME DISTRIBUTION EFFECTS ARE CONSIDERED.

THE ECONOMIC EFFECTS OF VARIOUS METHODS OF EDUCATIONAL FINANCE. IBRD-WP-106

ROGERS, D. C.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8308
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- MAY 71
PAGINATION- 66P NTIS PRICES- PC A04/MF A01

THIS PAPER OFFERS A SURVEY OF THE MAIN METHODS OF EDUCATIONAL FINANCE AND ANALYZES THEIR ECONOMIC EFFECTS. THESE EFFECTS ARE EXAMINED AGAINST THE BACKGROUND OF VARIOUS OBJECTIVES, SUCH AS RESOURCE MOBILIZATION, EQUALITY, INTERNAL AND EXTERNAL EFFICIENCY OF EDUCATION, ETC. THE GENERAL CONCLUSION OF THE STUDY IS THAT ANY METHOD OF FINANCE WHICH DOES NOT EITHER REQUIRE AN INCREASE IN GENERAL TAXATION OR DRAW PUBLIC RESOURCES AWAY FROM OTHER DEVELOPMENT TASKS IS DESIRABLE. IN PARTICULAR, FEES, FEES CONCERNED WITH LOANS, AND EARMARKED TAXES ARE ALL METHODS OF FINANCING EDUCATION WORTHY OF CAREFUL CONSIDERATION.

SOME ASPECTS OF PUBLIC EDUCATION EXPENDITURE IN AFRICA. IBRD-WP-100

GANDHI, V. P.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8308
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- FEB 71
PACINATION- 36P NTIS PRICES- PC A03/MF A01

THIS PAPER ESTABLISHES THE TRENDS OF HIGH AND RAPIDLY GROWING EDUCATION EXPENDITURES IN AFRICA. IT SUGGESTS, AMONG OTHER THINGS, THAT THE LARGE NUMBER OF EXPATRIATE TEACHING STAFF IN THE SECONDARY (AS WELL AS HIGHER) EDUCATION INSTITUTIONS, HIGH SALARIES AND OTHER PECUNIARY BENEFITS GIVEN TO THESE TEACHERS, RELATIVELY LOW SCHOOL ENROLLMENT RATIOS, AND HIGH TEACHER-PUPIL RATIOS IN AFRICAN COUNTRIES PERHAPS ACCOUNT FOR THE PRESENT 'COSTLINESS' OF AFRICAN EDUCATION. IT CONCLUDES THAT THE 'UNDERUTILIZATION' OF SUCH A COSTLY RESOURCE AS EXPATRIATE TEACHERS IN AFRICA MUST BE THOROUGHLY EXAMINED IF SOME KIND OF 'OPTIMIZATION' OF PUBLIC EDUCATION EXPENDITURE IS TO BE IMMEDIATELY ACHIEVED IN AFRICAN COUNTRIES.

SKILLED-MANPOWER DEMAND PROJECTIONS FOR IRRIGATION PROJECTS
IN NORTHWEST MEXICO. IBRD-WP-083

HAISSMAN, I.

CORP. SOURCE- INTERNATIONAL BANK FOR RECONSTRUCTION AND
DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8308
DESCRIP. NOTE- STAFF WORKING PAPER REPORT DATE- JUN 70
PAGINATION- 105P NTIS PRICES- PC A06/MF A01

THIS STUDY GIVES A SIMPLE, PRACTICAL METHOD FOR CALCULATING
THE SKILLED-MANPOWER REQUIREMENTS OF IRRIGATION PROJECTS IN
DEVELOPING COUNTRIES AND DESIGNING SCHOOLING SYSTEMS FOR
TRAINING OF THE NECESSARY PERSONNEL. THE STUDY DEFINES THE
OCCUPATIONS REQUIRED IN IRRIGATION PROJECT DEVELOPMENT,
SHOWS IN WHAT ACTIVITIES EACH IS DEPLOYED, AND GIVES
STANDARDS FOR MANPOWER REQUIREMENTS AS A FUNCTION OF THE
IRRIGATED AREA, CROP TYPE, LAND TENURE SYSTEM, AND OTHER
PARAMETERS.

LOW-COST EDUCATIONAL MATERIALS: HOW TO MAKE HOW TO USE HOW
TO ADAPT. INVENTORY VOLUME I. ED-205 166

CORP. SOURCE- UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND
CULTURAL ORGANIZATION, BANGKOK (THAILAND). REGIONAL OFFICE
FOR EDUCATION IN ASIA AND OCEANIA. JOURNAL VOL.- U8305
REPORT DATE- 1980 PAGINATION- 157P AVAIL. NOTE-
AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER
MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210.
NTIS PRICES- NOT AVAILABLE NTIS

INSTRUCTIONS WITH LINE DRAWINGS AND/OR PATTERNS ARE PROVIDED
FOR MAKING 85 OF THE EXEMPLAR PRODUCTS PREPARED IN
APEID-SPONSORED WORKSHOPS, WHICH REVIEWED CURRENT EFFORTS
AND MATERIALS, AND EXPLORED NEW STRATEGIES AND DIRECTIONS IN
THE UTILIZATION OF LOW COST, SIMPLE, INDIGENOUS MATERIALS TO
FILL THE REGIONAL NEED FOR AUDIOVISUAL RESOURCES. THE ITEMS
DESCRIBED INCLUDE HAND-MADE EDUCATIONAL CHARTS, MAPS,
MODELS, IMPROVISED SCIENCE APPARATUS, KITS, EDUCATIONAL
TOYS, AND GAMES FOR CHILDREN. INFORMATION PROVIDED FOR EACH
PRODUCT INCLUDES A BRIEF DESCRIPTION, OBJECTIVES, MATERIALS
NEEDED, HOW TO MAKE IT, HOW TO USE IT TO MEET SPECIFIC
OBJECTIVES, AND SUGGESTIONS FOR MODIFICATIONS TO FIT THE
LOCAL SITUATION.

PLANNING INFORMATION MANPOWER > ED-203 844

HAVARD-WILLIAMS, P. FRANZ, E. G.

CORP. SOURCE- UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION, PARIS (FRANCE). JOURNAL VOL.- U8304 REPORT DATE- 2 FEB 76 PAGINATION- 73P REPORT NO.- CGM-74NATISREF.5 AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

THESE TWO PAPERS, ONE ON INFORMATION AND LIBRARY SCIENCE PERSONNEL, THE OTHER ON ARCHIVAL PERSONNEL, ARGUE THAT TRAINED PROFESSIONALS ARE THE KEY TO MODERN INFORMATION PROCESSING, AND DISCUSS THE NEEDS OF DEVELOPING NATIONS FOR INFORMATION ABOUT TRAINING AND EDUCATION AGENCIES, INTERNATIONAL EXCHANGES OF PERSONNEL, AND FOR INTERNATIONALLY RECOGNIZED STANDARDS. THEY ALSO DESCRIBE THE CURRENT STATE OF MANPOWER RESOURCES, PERSONNEL STRUCTURES, AND EXISTING EDUCATION AND TRAINING, AND MAKE RECOMMENDATIONS ON CORE CURRICULA, PROGRAMS AND FACILITIES, AND PERSONNEL RECRUITMENT AND QUALIFICATIONS. TABLES AND APPENDICES DISPLAY THE PERSONNEL STRUCTURES AND CURRICULA, AND THERE IS A LIST OF GENERAL RECOMMENDATIONS DEVELOPED AT A 1974 MEETING OF ARCHIVISTS, LIBRARIANS, AND DOCUMENTALISTS. TWO BIBLIOGRAPHIES PROVIDE 23 AND 24 REFERENCES RESPECTIVELY.

ADULT EDUCATION IN INDIAN UNIVERSITIES. PB83-120030

CORP. SOURCE- INDIAN UNIV. ASSOCIATION FOR CONTINUING EDUCATION, NEW DELHI. JOURNAL VOL.- U8303 REPORT DATE- 1977 PAGINATION- 100P NTIS PRICES- PC A05/MF A01

REPORTS OF TWO SEMINARS ON EXTENSION PROGRAMMES AND ADULT EDUCATION IN INDIAN UNIVERSITIES ARE PRESENTED. IT CONTAINS THE SUMMARY OF DISCUSSIONS, RECOMMENDATIONS AND PAPERS OF THE SEMINARS. THE TOPICS COVERED ARE: AN ACTION RESEARCH APPROACH TO DESIGNING TRAINING FOR CONTINUING EDUCATION; TRAINING FOR BEHAVIOURAL CHANGE, TRAINING AND REFRESHER COURSES; CONTINUING EDUCATION AND EXTENSION PROGRAMME IN THE UNIVERSITY; CONTENTS AND TECHNIQUES OF EXTENSION PROGRAMMES BY THE UNIVERSITY; THE BURDEN OF SOCIAL RESPONSIBILITY AND THE CONSCIENCE OF SOCIETY; UNIVERSITIES, ADULT EDUCATION AND

THE INDIAN CONTEXT; CONCEPT OF UNIVERSITY ADULT EDUCATION;
SOME POSSIBLE NEXT STEP; AND UNIVERSITIES AND TRAINING AND
RESEARCH IN ADULT EDUCATION.

RAJENDRA AGRICULTURAL UNIVERSITY - ANNUAL REPORT 1978-1979.
PB83-113944

CORP. SOURCE- RAJENDRA AGRICULTURAL UNIV., SAMASTIPUR
(INDIA). JOURNAL VOL.- U8303 REPORT DATE- 1979
PAGINATION- 94P NTIS PRICES- PC A05/MF A01

THE MAIN OBJECTS OF THE UNIVERSITY ARE: MAKING PROVISION FOR
IMPARTING EDUCATION IN DIFFERENT BRANCHES OF AGRICULTURE.
THE MAJOR AREAS OF RESEARCH ARE: AGRICULTURE, FARMING SYSTEM
UNDER DRYLAND AGRICULTURE; SOIL SCIENCE; AND VETERINARY
SCIENCE AND ANIMAL HUSBANDRY.

CORRESPONDENCE EDUCATION PB83-100956

DUTT, R. MALLIKARJUNAPPA, P. SINGH, D.
BALASUBRAMANIAM, T. RAO, D. J.

CORP. SOURCE- INDIAN UNIV. ASSOCIATION FOR CONTINUING
EDUCATION, NEW DELHI. JOURNAL VOL.- U8301 REPORT DATE-
OCT 76 PAGINATION- 151P NTIS PRICES- PC A08/MF A01

THIS REPORT CONTAINS THE PAPERS FROM A SEMINAR ON
CORRESPONDENCE EDUCATION HELD FROM OCTOBER 4-6, 1976 AT THE
PUNJABI UNIVERSITY AT PATIALA, INDIA. THE PAPERS ARE
ENTITLED: NEED FOR COORDINATION AND CONTROL OF
CORRESPONDENCE EDUCATION - THE ROLE OF THE PROPOSED OPEN
UNIVERSITY; ROLE OF CORRESPONDENCE COURSES IN DEVELOPING NEW
DIMENSIONS IN EDUCATION; THE ROLE OF CORRESPONDENCE
EDUCATION IN DEVELOPING COUNTRIES; CORRESPONDENCE COURSE FOR
TEACHERS EDUCATION; CONTINUING EDUCATION FOR PROFESSIONAL
ENGINEERS THROUGH CORRESPONDENCE COURSES; CORRESPONDENCE
EDUCATION IN INDIA; SOME BASIC FACTS ABOUT CORRESPONDENCE
COURSES INSTITUTES IN INDIA; SYSTEMS APPROACH TO CONTACT
PROGRAM IN A CORRESPONDENCE EDUCATION SITUATION; REVAMPING
CORRESPONDENCE EDUCATION; STAFFING PATTERN OF INSTITUTES OF
CORRESPONDENCE COURSES; THE NEED FOR RESEARCH IN
CORRESPONDENCE EDUCATION; NEED FOR RATIONALIZATION AND
COORDINATION OF CORRESPONDENCE COURSES IN DIFFERENT

INSTITUTES; AND MANAGEMENT EDUCATION - A NEW EXPERIMENT.

COMMUNITY SERVICE AS CONTINUING EDUCATION. S.N.D.T. WOMEN'S
UNIVERSITY BOMBAY HELD ON NOVEMBER 8-10 1976. PB83-100362

ABHYANKER, G. L. SHAH, L. R. BHANSALI, K. H.
PRAKASH, M. RANDEI, K.

CORP. SOURCE- INDIAN UNIV. ASSOCIATION FOR CONTINUING
EDUCATION, NEW DELHI. JOURNAL VOL.- U8301 DESCRIP.
NOTE- SEMINAR REPT. REPORT DATE- NOV 76 PAGINATION-
147P NTIS PRICES- PC A07/MF A01

THE REPORT CONTAINS PAPERS PRESENTED AT A SEMINAR ON
COMMUNITY SERVICE AS CONTINUING EDUCATION HELD FROM NOVEMBER
8-10 AND S.N.D.T. WOMEN'S UNIVERSITY IN BOMBAY. THE PAPERS
ARE ENTITLED: AN OVERVIEW OF COMMUNITY PROJECTS UNDERTAKEN
BY THE BOMBAY UNIVERSITY COLLEGES; THE ROLE OF COLLEGES IN
CONTINUING EDUCATION; PREPARATION FOR CONTINUING EDUCATION -
A GUIDELINE; COMMUNITY SERVICE AS CONTINUING EDUCATION IN
URBAN AREAS; UNIVERSITY'S COMMUNITY PROJECT NIRMAL
EXPERIMENT; EXPERIMENTS IN COMMUNITY SERVICE THROUGH LIFE
LONG EDUCATION; LINKING UP CONTINUING EDUCATION WITH
COMMUNITY WELFARE; CONTINUING EDUCATION THROUGH COMMUNITY
WORK; SETTING UP A CONTINUING EDUCATION UNIT IN A COLLEGE;
EXTENSION SERVICES AND CONTINUING EDUCATION; THE ROLE OF
UNIVERSITIES AND COLLEGES IN CONTINUING EDUCATION AND
COMMUNITY ACTION; COMMUNITY SERVICE PROGRAM AT SPICER
MEMORIAL COLLEGE THROUGH CONTINUING EDUCATION; PILOT PROJECT
IN AGRICULTURE FOR DROP-OUTS OF M.K. HALLY, MYSORE; AND
INTERDISCIPLINARY CENTER FOR RESEARCH AND TRAINING IN SOCIAL
DEVELOPMENT.

EDUCATIONAL COMPONENT IN AGRICULTURAL EXTENSION SERVICE HELD
AT LUDHIANA APRIL 15-17 1976. PB83-100347

DUTTA, S. C.

CORP. SOURCE- INDIAN ADULT EDUCATION ASSOCIATION, NEW DELHI.
JOURNAL VOL.- U8301 DESCRIP. NOTE- SEMINAR REPT.
REPORT DATE- APR 76 PAGINATION- 36P REPORT NO.-
SER-111 NTIS PRICES- PC A03/MF A01

THE INDIAN ADULT EDUCATION ASSOCIATION ORGANIZED A SEMINAR
ON THE EDUCATIONAL COMPONENT OF AGRICULTURAL EXTENSION
SERVICE AT THE PUNJAB AGRICULTURAL UNIVERSITY IN LUDHIANA
FROM APRIL 15-17. THE SEMINAR STUDIED THE RELATIONSHIP OF
AGRICULTURAL PRODUCTIVITY WITH EDUCATION, PLACE OF EDUCATION
IN AGRICULTURAL EXTENSION SERVICES, AND COMMUNICATION IN
TERMS OF EDUCATION. IT CONCLUDED THAT ADULT EDUCATION COULD
IMPROVE THE LIVES OF RURAL POPULATIONS THROUGH EXTENSION
PROGRAMS.

NON-FORMAL EDUCATION FOR SCHOOL DROPOUTS AND YOUTH.
PE82-262650

CORP. SOURCE- INDIAN ADULT EDUCATION ASSOCIATION, NEW DELHI.
JOURNAL VOL.- U8226 REPORT DATE- 1975 PAGINATION- 46P
REPORT NO.- SER-106 NTIS PRICES- PC A03/MF A01

THE WORKSHOP STUDIED THE REASONS FOR SCHOOL DROPOUTS AND THE
PROGRAMS OF NON-FORMAL EDUCATION FOR THE AGE GROUP 6-14. THE
SYMPOSIUM STUDIED THE NEEDS AND PROGRAMS OF NON-FORMAL
EDUCATION FOR THE YOUTH.

INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE ANNUAL
REPORT 1979: GOLDEN JUBILEE SPECIAL. PE82-262429

KHOSLA, R. K. SINGH, D. P.

CORP. SOURCE- INDIAN AGRICULTURAL STATISTICS RESEARCH INST.,
NEW DELHI. JOURNAL VOL.- U8226 REPORT DATE- 1979
PAGINATION- 270P NTIS PRICES- PC A12/MF A01

IASRI IS THE PREMIER INSTITUTE IN THE COUNTRY SPECIALIZING
IN AGRICULTURAL STATISTICS. ITS OBJECTIVE IS TO CONDUCT AND
PROMOTE RESEARCH AND TRAINING IN AGRICULTURAL STATISTICS. IN
THIS REPORT, MAJOR RESEARCH ACTIVITIES HAVE BEEN
HIGHLIGHTED. THE MAJOR AREAS OF RESEARCH ARE: STATISTICAL
RESEARCH IN CROP SCIENCE; CROP FORECASTING METHODOLOGY;
STATISTICAL RESEARCH IN ANIMAL SCIENCES; STATISTICAL
GENETICS; SAMPLE SURVEY METHODOLOGY; AND ECONOMETRIC
ANALYSIS.

MANUAL FOR ADULT LITERACY TEACHERS PE82-262395

GUPTA, N. R.

CORP. SOURCE- INDIAN ADULT EDUCATION ASSOCIATION, NEW DELHI.
JOURNAL VOL.- U8226 REPORT DATE- MAR 71 PAGINATION-
190P REPORT NO.- SER-85 NTIS PRICES- PC A09/MF A01

SHORT UNRELATED LITERACY COURSES WILL NOT END ILLITERACY. A
RELAPSE IS BOUND TO OCCUR. A RELAPSE CAN BE PREVENTED ONLY
BY CORRELATING THE TEACHING TO THE LEARNERS' DAILY LIFE
NEEDS. THEY MUST HAVE THE KNOWLEDGE GIVEN TO THEM WHICH THEY
MUST USE DAILY AND THEY MUST NOT HAVE IT THRUST UPON THEM.
THIS BOOK SETS OUT HOW TO ACHIEVE LASTING LITERACY. ITS
CHAPTERS ARE ENTITLED: WHY ADULT LITERACY; MAGNITUDE OF THE
PROBLEM OF ILLITERACY; PROCESSES OF ADULT LEARNING;
ORGANIZATION OF ADULT LITERACY CLASSES; READING MATERIALS;
METHODS OF ADULT LITERACY; AUDIO-VISUAL AIDS IN ADULT
LITERACY AND EDUCATION; THE ROLE OF LIBRARIES; ADULT
LITERACY - TEAM WORK; EXAMPLE IS BETTER THAN PRECEPT;
FOLLOWUP PROGRAMS; TESTING THE PROGRESS OF THE LEARNERS; AND
ADULT LITERACY RECORDS. ANNEXURES INCLUDE AN OUTLINE
SYLLABUS OF FUNCTIONAL LITERACY, STATISTICS OF LITERACY IN
INDIA, AND EDUCATIVE GROUP SONGS. THE SONGS AND SAMPLE TESTS
ARE IN HINDI.

CURRICULUM CONSTRUCTION FOR NON-FORMAL EDUCATION OF WOMEN
PB62-262387

KOSHY, T. A.

CORP. SOURCE- INDIAN ADULT EDUCATION ASSOCIATION, NEW DELHI.
JOURNAL VOL.- U6226 REPORT DATE- SEP 76 PAGINATION-
42F REPORT NO.- SER-109 NTIS PRICES- PC A03/MF A01

THIS IS THE REPORT OF A SEMINAR ON NON-FORMAL EDUCATION FOR WOMEN HELD AT SRI VENKATESWARA UNIVERSITY, TIRUPATI, ANDHRA PRADESH, INDIA FROM SEPTEMBER 5-9, 1976. THE AIM OF THE WORKSHOP WAS TO LAY DOWN GUIDELINES FOR CURRICULUM CONSTRUCTION AND TO PREPARE A DRAFT CURRICULUM BY TAKING SPECIFIC SUBJECT AREAS PERTAINING TO WOMEN'S NON-FORMAL EDUCATION, BOTH URBAN AND RURAL. IT CONCLUDED THAT ALL SOCIO-ECONOMIC SCHEMES AND PROGRAMS FOR THE BENEFIT OF WOMEN SHOULD HAVE A BUILT-IN COMPONENT OF NON-FORMAL EDUCATION. THE CURRICULA SHOULD BE ADAPTED TO THE LOCAL CONDITIONS AND PURPOSE. THE DRAFT CURRICULUM SHOULD BE PRE-TESTED OR AT LEAST DISCUSSED WITH PARTICIPANTS BEFORE THE TEACHING MATERIALS ARE PREPARED. NON-FORMAL EDUCATION TEACHERS NEED A HIGHER LEVEL OF COMPETENCE AND UNDERSTANDING THAN NORMAL TEACHERS AND SHOULD BE COMPENSATED ACCORDINGLY. QUICK SURVEYS WILL SUFFICE FOR EVALUATION, AND SHOULD NOT TAKE LONGER THAN 6 WEEKS.

CURRICULUM CONSTRUCTION FOR NON-FORMAL EDUCATION
PB62-262379

DUTTA, S. C. KAUF, A. SINGH, R. K. MAITRA, R.
BHAN, S.

CORP. SOURCE- INDIAN ADULT EDUCATION ASSOCIATION, NEW DELHI.
JOURNAL VOL.- U6226 REPORT DATE- OCT 76 PAGINATION-
55F REPORT NO.- SER-113 NTIS PRICES- PC A04/MF A01

THIS IS THE REPORT OF A SEMINAR ON NON-FORMAL EDUCATION CURRICULUM CONSTRUCTION HELD IN MYSORE, INDIA FROM OCTOBER 15-18, 1976. SUBGROUPS DISCUSSED CURRICULUM CONSTRUCTION FOR WOMEN, FOR AGE GROUP 6-14, FOR AGE GROUP 15-25. ALL THE GROUPS AGREED THAT THE CURRICULUM FOR THEIR RESPECTIVE TARGET GROUPS SHOULD BE FLEXIBLE, DIVERSIFIED, NEED-BASED, AND SHOULD LINK ENVIRONMENT AND DEAL WITH PROBLEMS WHICH HAVE BEEN IDENTIFIED THROUGH A SURVEY OF THE AREA. THE

CURRICULUM SHOULD HAVE A MULTIMEDIA APPROACH AND AWARENESS. UNDERSTANDING, SKILL, AND ACTION MUST BE INTEGRATED IN THE PREPARATION OF THE CONTENT. NON-FORMAL EDUCATION SHOULD BE CONSIDERED AS ESSENTIAL TO INTEGRATED RURAL DEVELOPMENT. 10% OF EACH STATE BOARD OF EDUCATION'S BUDGET SHOULD BE ALLOCATED TO NON-FORMAL EDUCATION.

CURRICULUM CONSTRUCTION FOR NON-FORMAL EDUCATION FOR THE AGE GROUP 15-25 PB82-262361

MAITRA, S.

CORP. SOURCE- INDIAN ADULT EDUCATION ASSOCIATION, NEW DELHI.
JOURNAL VOL.- UE226 REPORT DATE- SEP 76 PAGINATION-
51P REPORT NO.- SER-110 NTIS PRICES- PC A04/MF A01

THIS IS THE REPORT OF A SEMINAR ON YOUTH NON-FORMAL EDUCATION CURRICULUM CONSTRUCTION HELD AT NARENDRAPUR, INDIA FROM SEPTEMBER 16-22, 1976. THE SEMINAR WORKING PAPER COVERED PROFILING THE TARGET GROUP (RURAL OR URBAN POOR, WOMEN, TRIBALS), DEFINITION AND COMPONENTS OF A CURRICULUM, & ITS OBJECTIVES, CONTENT, METHODS, AND EVALUATION. THE SEMINAR RECOMMENDED THAT A STATE BOARD BE SET UP FOR NON-FORMAL EDUCATION AND THAT IT IN TURN SHOULD ESTABLISH MANY POLYTECHNICS TO FILL THE ACTUAL EDUCATION NEEDS OF VARIOUS COMMUNITIES. THE BOARD SHOULD ALSO ESTABLISH THE PROGRAMS TO BE TAUGHT BASED ON THE FINDINGS OF COMMUNITY NEEDS.

NON-FORMAL EDUCATION: A REMEDY AND A RESTORER PB82-262205

CORP. SOURCE- INDIAN ADULT EDUCATION ASSOCIATION, NEW DELHI.
JOURNAL VOL.- UE226 REPORT DATE- OCT 75 PAGINATION-
47P REPORT NO.- SER-104 NTIS PRICES- PC A03/MF A01

THE 28TH ALL INDIA ADULT EDUCATION CONFERENCE ON NON-FORMAL EDUCATION WAS HELD IN JAELPUR, MADHYA PRADESH, INDIA FROM OCTOBER 25-27, 1975. THE CONFERENCE DISCUSSED THE SUBJECTS FOLLOWING: NON-FORMAL EDUCATION FOR SCHOOL DROPOUTS; NON-FORMAL EDUCATION FOR YOUTH-AGE GROUP 15-25; NON-FORMAL EDUCATION FOR WOMEN, NON-FORMAL EDUCATION FOR FARMERS, NON-FORMAL EDUCATION FOR INDUSTRIAL WORKERS; AND POLICY FOR NON-FORMAL EDUCATION AND ITS FINANCING. THE SEMINAR

CONCLUDED THAT NON-FORMAL EDUCATION WAS RELEVANT FOR EDUCATING THOSE OF SCHOOL AGE AND THOSE OUT OF SCHOOL WITH PARTICULAR USEFULNESS IN IMPROVING THE SKILLS AND PRODUCTIVITY OF URBAN WORKERS, ENCOURAGING MORE INTENSIVE AND FRUITFUL PARTICIPATION OF WOMEN IN COMMUNITY ACTIVITIES, AND PROGRAMS OF CIVIC EDUCATION. THE SEMINAR CALLED ON MORE UNIVERSITIES TO START NON-FORMAL EDUCATION PROGRAMS.

PREPARATION OF PROBLEM-ORIENTED LEARNING MATERIALS
PE82-261181

TRIPATHI, V. SINGH, V. N.

CORP. SOURCE- INDIAN ADULT EDUCATION ASSOCIATION, NEW DELHI.
JOURNAL VOL.- U8226 REPORT DATE- SEP 75 PAGINATION-
117P REPORT NO.- SER-108 NTIS PRICES- PC A06/MF A01

THIS IS A REPORT OF THE NATIONAL TRAINING WORKSHOP HELD AT LITERACY HOUSE, LUCKNOW, INDIA, FROM SEPTEMBER 4-9, 1975. DISCUSSION SHEETS ARE PRESENTED ON: FAMILY LIFE EDUCATION MATERIAL; PROBLEM-BASED LEARNING MATERIALS FOR NON-FORMAL EDUCATION; PROBLEM-ORIENTED LEARNING MATERIALS ON BAJRA CULTIVATION; PROBLEM-ORIENTED LEARNING MATERIALS ON BAJRA CULTIVATION DEVELOPMENT; METHODS AND TECHNIQUES OF PREPARING PROBLEM-ORIENTED LEARNING MATERIALS; CURRICULUM DEVELOPMENT FOR PREPARING PROBLEM-ORIENTED LEARNING MATERIALS; TECHNIQUES OF DEVELOPING PROBLEM-BASED LEARNING MATERIALS; AND ADMINISTERING PROBLEM FINDING SURVEY SCHEDULES. THE SEMINAR RECOMMENDED THAT MATERIALS BE PREPARED WITH BOTH THE INSTRUCTOR AND THE STUDENT IN MIND, AND PREPARED IN LOCAL LANGUAGES. THE PROBLEMS SHOULD BE IDENTIFIED THROUGH COMMUNITY PARTICIPATION AND THE MATERIALS PREPARED ACCORDINGLY.

READING BY RADIO: A POSITION PAPER ON THE USE OF RADIO IN
TEACHING READING SKILLS FOR EDUCATIONAL DEVELOPMENT
FB82-260209

IMHOOF, M.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8226 REPORT DATE- FEB
61 PAGINATION- 37P CONT. NO.- AID/DSPE-C-0051 PROJ.
NO.- AID-931-10-170-0 MNTR. AGENCY.- ID PN-AAJ-433 NTIS
PRICES- PC A03/MF A01

THIS PAPER DISCUSSES THE IMPORTANCE OF LANGUAGE SKILLS FOR
DEVELOPING COUNTRY EDUCATIONAL DEVELOPMENT AND THE
USEFULNESS AND APPROPRIATENESS OF RADIO IN ADVANCING THESE
SKILLS. AS A TOOL IN THE GENERAL EDUCATIONAL PROCESS, RADIO
POSSESSES SEVERAL ADVANTAGES; IT IS LOW IN COST, HAS
IMMEDIATE APPEAL, COMBINES EASILY WITH OTHER INSTRUCTIONAL
MODES, AND IS SUITABLE FOR NON-LITERATE AUDIENCES. THESE
FACTORS ALLOW RADIO TO IMPROVE EDUCATIONAL QUALITY AND
RELEVANCE, REDUCE EDUCATIONAL COSTS, AND IMPROVE ACCESS TO
EDUCATION, ESPECIALLY IN RURAL AREAS. RADIO HAS BEEN WIDELY
USED FOR LANGUAGE INSTRUCTION SPECIFICALLY AND HAS PROVEN
ESPECIALLY HELPFUL IN UPGRADING THE SKILLS OF UNQUALIFIED
TEACHERS. AFTER OUTLINING THE PROFOUND CAUSAL RELATIONSHIP
BETWEEN READING AND THE DEVELOPMENT OF PERSONAL AWARENESS OF
SELF AND THE WORLD, AS REVEALED IN CONTEMPORARY
PSYCHOLINGUISTICS, AND THE PARTICULAR PROBLEMS INHERENT IN
LEARNING TO READ A SECOND LANGUAGE, THE AUTHOR SHOWS THAT
RADIO IS IDEALLY SUITED FOR LANGUAGE INSTRUCTION SINCE IT
PROVIDES THE OPPORTUNITY TO MASTER NEW AND DIFFERENT SOUNDS,
TO REPEAT NEW GRAMMATICAL DEVICES IN A VARIETY OF WAYS, AND
TO PRACTICE NEW VOCABULARY IN ENTERTAINING BUT EXTENSIVE
CONTEXTS. THE USE OF RADIO FOR LANGUAGE INSTRUCTION IS
PARTICULARLY RECOMMENDED IN DEVELOPING COUNTRIES SHORT ON
FINANCES AND LONG ON LANGUAGE ARTS DEFICIENCIES.

AID ASSISTANCE TO EDUCATION: A RETROSPECTIVE STUDY
PB82-258666

METHOD. F. J. SHAW, S. K.

CORP. SOURCE- CREATIVE ASSOCIATES, WASHINGTON, DC.
JOURNAL VOL.- UE226 REPORT DATE- FEB 81 PAGINATION-
234P CONT. NO.- AID/DSPE-C-0075 PROJ. NO.-
AID-931-03-000-00 MNTR. AGENCY.- ID FN-AAJ-460 NTIS
PRICES- PC A11/MF A01

THE REPORT IS AN ANALYSIS OF THE CHARACTER, MAGNITUDE, AND DISTRIBUTION OF AID'S EDUCATION PROGRAMMING OVER THE PAST 20 YEARS, WITH EMPHASIS ON THE PERIOD AFTER 1970. THE PURPOSE IS TO INFORM AID DECISION MAKERS AND TO STRENGTHEN THE AGENCY'S ABILITY TO RESPOND ACCURATELY TO INQUIRIES FROM CONGRESS, RESEARCHERS, AND OTHER INTERESTED PARTIES. THIS STUDY PRESENTS A SIGNIFICANTLY DIFFERENT PICTURE OF AID'S EDUCATION ASSISTANCE FROM THAT OF PREVIOUS AGENCY STUDIES, WHICH WERE DRAWN ONLY FROM OFFICIAL ACCOUNTING AND CLASSIFICATION SYSTEMS. THE STUDY, USING A CLASSIFICATION SYSTEM ESPECIALLY DEVELOPED FOR THIS PROJECT, DEFINES EDUCATIONAL ACTIVITIES BROADLY TO INCLUDE SUPPORT FOR EDUCATION, TRAINING, AND HUMAN RESOURCES DEVELOPMENT IN ALL SECTORS. FOR EXAMPLE, AGRICULTURAL UNIVERSITIES AND AMERICAN SCHOOLS ABROAD ARE INCLUDED, ALTHOUGH NEITHER CATEGORY IS IN THE AGENCY'S EDUCATION SECTOR. THE STUDY ALSO COVERS SUPPORT PROVIDED THROUGH ACCOUNTS FOR LOCAL CURRENCY, SECURITY/SUPPORTING ASSISTANCE, DEVELOPMENT LOANS, AND OTHER SPECIAL APPROPRIATIONS.

TRAINING AGRICULTURAL ECONOMISTS FOR WORK IN INTERNATIONAL DEVELOPMENT FB82-260332

FIENUP, D. F. RILEY, H. M.

CORP. SOURCE- AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION, LEXINGTON, KY. JOURNAL VOL.- UE225 REPORT DATE- JUN 80
PAGINATION- 146P CONT. NO.- AID/TA-BMA-4 PROJ. NO.-
AID-931-11-56 MNTR. AGENCY.- ID PN-AAJ-096 NTIS PRICES-
PC A07/MF A01

BECAUSE PRECISE KNOWLEDGE HAS BEEN LACKING REGARDING THE TRAINING NEEDS OF THE INCREASING NUMBER OF DEVELOPING COUNTRY STUDENTS RECEIVING U.S. GRADUATE TRAINING IN

AGRICULTURAL ECONOMICS (AE), SOME 750 DEVELOPING COUNTRY ALUMNI OF U.S. AE GRADUATE PROGRAMS WERE SURVEYED TO DETERMINE HOW THEY ASSESS THEIR TRAINING; ANALYZE THE STATUS OF AE IN DEVELOPING COUNTRIES; AND MAP A STRATEGY FOR IMPROVING U.S. AE PROGRAMS. RESPONDENTS TO THE SURVEY, RESULTS OF WHICH ARE PRESENTED HERE, CITED THE FOLLOWING MAJOR STRENGTHS OF U.S. GRADUATE TRAINING PROGRAMS: COMPREHENSIVE TRAINING IN THEORY AND QUANTITATIVE METHODS; FLEXIBLE PROGRAMS ALLOWING BREADTH AND DEPTH IN TRAINING; GOOD STUDENT-FACULTY INTERACTION; AND A FAVORABLE CLIMATE FOR LEARNING AND RESEARCH.

NORTHERN NIGERIA TEACHER EDUCATION PROJECT. PB82-244393

MITCHELL, R. E. SEYMOUR, J. M. TUCKMAN, H. F.

CONF. SOURCE- AGENCY FOR INTERNATIONAL DEVELOPMENT, WASHINGTON, DC. JOURNAL VOL.- U8224 DESCRIP. NOTE- PROJECT IMPACT EVALUATION NO. 23 REPORT DATE- SEP 81 PAGING- 55P REPORT NO.- AID-PN-AAJ-173 NTIS PRICES- PC A04/MF A01

THIS DOCUMENT DESCRIBES THE LESSONS PROVIDED BY NORTHERN NIGERIA TEACHER EDUCATION PROJECT FOR THE DESIGN AND IMPLEMENTATION OF FUTURE PARTICIPANT TRAINING PROGRAMS, ESPECIALLY THOSE IN THE EDUCATION SECTOR. THE AUTHORS' MAJOR CONCLUSION IS THAT NITEP'S UNANTICIPATED EFFECTS HAD A MORE IMPORTANT AND LONGSTANDING IMPACT ON THE LEADERSHIP AND INSTITUTIONAL DEVELOPMENT OF THE NIGERIAN EDUCATION SYSTEM THAN DID THE NEGLIGIBLE PROGRESS MADE IN IMPROVING THE QUALITY AND EFFICIENCY OF PRIMARY TEACHER TRAINING. AFTER DESCRIBING THE PROJECT'S HISTORY AND ORIGINAL OBJECTIVES, THE PAPER DISCUSSES SEVERAL IMPEDIMENTS TO THE ACHIEVEMENT OF A.I.D. EXPECTATIONS. FOR EXAMPLE, THE UNIVERSITY OF WISCONSIN (UW), WHICH IMPLEMENTED THE PROJECT, HAD INSUFFICIENT EXPERIENCE AND TIME TO DEVOTE TO CURRICULUM DEVELOPMENT, DESPITE A.I.D.'S EMPHASIS ON THIS PARTICULAR COMPONENT. NEVERTHELESS, THE COLLABORATIVE WORK ON CURRICULUM DEVELOPMENT BETWEEN UW AND THE AHMADU BELLO UNIVERSITY INSTITUTE OF EDUCATION (IE) CONTRIBUTED SUBSTANTIALLY TO IE'S GROWTH AS A MAJOR EDUCATIONAL RESOURCE AND INFLUENCE IN THE REGION. ANOTHER OF NITEP'S MAJOR ACHIEVEMENTS WAS THE DEVELOPMENT OF A REGIONAL CONSENSUS ON EXAMINATIONS AND CURRICULUM. A KEY LESSON TAUGHT BY NITEP IS THAT THE TRAINING PROGRAM'S SUCCESS WAS LARGELY DUE TO HIGHLY MOTIVATED TRAINEES, COMMITTED MID-CAREER PROFESSIONALS, AND HOST COUNTRY RECOGNITION OF THE

CONTRACTED U.S. UNIVERSITY AS A SUPERIOR INSTITUTION. NNETP ALSO DEMONSTRATED, HOWEVER, THAT CURRICULUM REFORM CANNOT BE ACHIEVED OVERNIGHT AND, MORE GENERALLY, THAT TECHNICAL ASSISTANCE PROJECTS MUST BE DESIGNED WITH REALISTIC IMPLEMENTATION SCHEDULES AND CAREFULLY DELINEATED SUPERVISORY RESPONSIBILITIES. A.I.D. SHOULD SHOW HOST GOVERNMENTS ALTERNATIVE, LEAST-COST SOLUTIONS TO STATED POLICY GOALS, INCLUDING ONE OF THE MOST EFFECTIVE OF SUCH STRATEGIES. PARTICIPANT TRAINING. APPENDICES ON EVALUATION METHODOLOGY, NNETP CURRICULUM DEVELOPMENT, AND THE EXPANSION AND FINANCING OF THE NIGERIAN EDUCATIONAL SYSTEM ARE INCLUDED.

THE YOUNG CHILD IN TANZANIA FROM AGE SEVEN TO FIFTEEN YEARS.
PB82-24704C

CORP. SOURCE- TANZANIA NATIONAL SCIENTIFIC RESEARCH COUNCIL,
DAR ES SALAAM. JOURNAL VOL.- U6223 REPORT DATE- 1977
(C) PAGINATION- 475P NTIS PRICES- PC A20/MF A01

THIS IS THE SECOND PART OF THE STUDY ON THE YOUNG CHILD IN TANZANIA. THE FIRST COVERED THE CHILD FROM CONCEPTION TO SEVEN YEARS OF AGE. THIS PART INVESTIGATED THE FOLLOWING ASPECTS: HEALTH; HANDICAPPED CHILDREN; MASS MEDIA AND YOUTH; PRIMARY SCHOOL EDUCATION; PROBLEMS OF YOUTH AND SCHOOL LEAVERS; AND YOUTH ACTIVITIES. LIKE THE FIRST PART, THIS PART WAS COMMISSIONED BY UNICEF FOR ITS INTERNAL USE AS WELL AS TO PROVIDE RECOMMENDATIONS WHICH COULD BE USED TO IMPROVE THE SITUATION OF CHILDREN. SOME OF THE MAIN FINDINGS OF THE STUDY WERE THAT CHILDREN WHO ATTEND SCHOOL ARE HEALTHIER THAN THOSE WHO DO NOT ATTEND; THAT THE PARENTS OF SCHOOL-GOING CHILDREN WERE MORE ENLIGHTENED; THAT ANAEMIA WAS THE MOST SERIOUS PROBLEM AMONG SCHOOL CHILDREN; AND THAT CERTAIN SOCIAL TRADITIONS INCREASE THE RATE OF SCHOOL DROP-OUTS. RECOMMENDATIONS ARE GIVEN ON HEALTH, HANDICAPPED CHILDREN, EDUCATION, AND CHILDREN OF THE PERI-URBAN AREAS.

U.S. AID TO EDUCATION IN NEPAL: A 20-YEAR BEGINNING.
PE82-244419

SELLAR, P. O. SPRAGUE, D. MIEDEMA, V.

CORP. SOURCE- AGENCY FOR INTERNATIONAL DEVELOPMENT,
WASHINGTON, DC. JOURNAL VOL.- U8223 DESCRIPTOR NOTE-
PROJECT IMPACT EVALUATION NO. 19 REPORT DATE- MAY 81
PAGINATION- 92P REPORT NO.- AID-PN-AAJ-168 NTIS
PRICES- PC A05/MF A01

PRIMARY EDUCATION IS ALIVE, IF STRUGGLING, IN NEPAL. THIS REPORT MEASURES THE IMPACT OF A.I.D.'S EDUCATIONAL PROJECTS IN NEPAL OVER A 20-YEAR PERIOD (1954-75). AFTER BRIEFLY DESCRIBING THE GENESIS OF NEPAL'S EDUCATION MODERNIZATION PROGRAM, TO WHICH A.I.D. HAS BEEN THE ONLY MAJOR DONOR, THE AUTHORS EVALUATE THE PROGRAM'S SUCCESSES AND SHORTFALLS. SUCCESSES INCLUDE DRAMATIC INCREASES IN THE NUMBERS OF PRIMARY SCHOOLS (PS) (FROM 321 TO 8,708), PS STUDENTS (0.9-59% OF THAT AGE GROUP), PS TEACHERS (640-17,728), SECONDARY SCHOOLS (11-2,809), SECONDARY SCHOOL ENROLLMENT (0.15-24%), AN INCREASED LITERACY RATE (2%-17%), AND DEVELOPMENT OF A CADRE OF 310 TRAINED EDUCATIONAL ADMINISTRATORS (A KEY AREA OF A.I.D. ASSISTANCE), A TOTALLY NEPALI CURRICULUM, AND A SUPERIOR TEXTBOOK PRODUCTION AND DISTRIBUTION SYSTEM. NEVERTHELESS, SEVERE PROBLEMS REMAIN. STRESSING QUANTITATIVE EXPANSION HAS LED TO LOW QUALITY AND LEVELS OF LEARNING (ESPECIALLY IN WRITING AND MATHEMATICS), A 50% RATE OF STUDENT DROPOUT BEFORE FUNCTIONAL LITERACY IS ATTAINED, AND SCHOOLS THAT ARE ISOLATED (IN RURAL AREAS), OVER-CROWDED (IN URBAN AREAS), AND UNHEALTHY. DUE TO ADVANCEMENT OPPORTUNITIES FOR TRAINED TEACHERS--THE LARGEST AREA OF A.I.D. ASSISTANCE--AND INCREASES IN THE NUMBER OF PS'S, QUALIFIED TEACHERS ARE STILL IN SHORT SUPPLY. THE VOCATIONAL TRAINING (VT) SYSTEM HAS FAILED DUE TO INSUFFICIENT TRAINING LEVELS, LACK OF EMPLOYMENT INCENTIVES, AND STUDENT USE OF THE SYSTEM AS A SPRINGBOARD TO COLLEGE. AT THE SAME TIME, AS IN OTHER COUNTRIES, THE DEVELOPMENT OF BASIC EDUCATION IN NEPAL HAS IMPACTED POSITIVELY ON ECONOMIC AND AGRICULTURAL DEVELOPMENT, FERTILITY RATES, HEALTH, AND WOMEN'S ROLE AND SOCIETAL STATUS AND HAS GENERATED ATTITUDES CONDUCTIVE TO OVERALL DEVELOPMENT. THE SUCCESS OF A.I.D.'S ASSISTANCE, WHICH SHOULD MOTIVATE FURTHER A.I.D. EDUCATION ASSISTANCE EFFORTS, DEMONSTRATES THAT SIGNIFICANT IMPACT IS POSSIBLE WHEN CONSISTENT SUPPORT IS GIVEN OVER A SUFFICIENT PERIOD OF TIME AND WHEN LOCAL AS WELL AS U.S. COSTS ARE FINANCED. OTHER LESSONS LEARNED INCLUDE THE NEED TO DEVELOP INNOVATIVE EDUCATIONAL APPROACHES AND TO IMPROVE VT PROGRAMS BY CORRECTING THE ABOVE DEFICIENCIES. APPENDICES INCLUDE A

61-ITEM BIBLIOGRAPHY (1954-80).

IS THE SCHOOL THE ENEMY OF THE FARM: THE AFRICAN EXPERIENCE.
PB82-241274

HANSON, J. W.

CORP. SOURCE- MICHIGAN STATE UNIV., EAST LANSING. DEPT. OF
AGRICULTURAL ECONOMICS. JOURNAL VOL.- U8223 DESCRIP.
NOTE- AFRICAN RURAL ECONOMY PAPERS REPORT DATE- 1980
PAGINATION- 108P REPORT NO.- AERP-22 GRANT NO.-
AID/AFR-G-1261 MNTR. AGENCY.- ID PN-AAJ-275 NTIS
PRICES- PC A06/MF A01

IT IS OFTEN ASSUMED THAT THE PRIMARY SCHOOL (PS), THE
EDUCATIONAL INSTITUTION WHICH REACHES THE GREATEST NUMBER OF
AFRICAN PEOPLE, HAS REINFORCED ATTITUDES IN SCHOOL CHILDREN
WHICH PROMOTE MIGRATION IN SEARCH OF UREAN EMPLOYMENT,
THEREBY FAILING TO ENCOURAGE MODERNIZATION IN FARMING.
ACCORDING TO THE AUTHOR OF THE PRESENT REPORT, HOWEVER,
FIELD STUDIES INDICATE THAT GENERAL SOCIETAL AND ECONOMIC
FACTORS, RATHER THAN THE SCHOOLS THEMSELVES, ARE THE SOURCES
OF THESE ATTITUDES. FIELD STUDIES ALSO INDICATE THAT PS'S
HAVE AN UNTAPPED POTENTIAL TO COMEAT FARM ATTRITION AND TO
PROMOTE UPDATED FARMING METHODS.

1980 ANNUAL STATUS REPORT: TRAINING AND EDUCATION.
DE2701168

CORP. SOURCE- COMMISSION OF THE EUROPEAN COMMUNITIES, ISPRA
(ITALY). JOINT RESEARCH CENTRE. JOURNAL VOL.- U8223 I1300
REPORT DATE- 1981 PAGINATION- 5P REPORT NO.- EUR-7261
AVAIL. NOTE- U.S. SALES ONLY. NTIS PRICES- PC A02/MF A01

ALTHOUGH NOT AS HIGH AS IN 1977 OR 1979, THE EXTERNAL
RESPONSE TO THE COURSES, WHICH IS A GOOD MEASURE OF THE
USEFULNESS AND THE EFFICIENCY OF THIS PROGRAMME, HAS
MAINTAINED A SATISFACTORY LEVEL IN 1980. PROGRESS IN THE
DIVERSIFICATION OF THE SUBJECTS, AS A RESULT OF THE
DEVELOPMENT OF NEW AREAS IN JRC RESEARCH, AND OF THE
OBJECTIVES, WITH THE IMPLEMENTATION OF A PROGRAMME FOR
DEVELOPING COUNTRIES, IS ENCOURAGING. (ATOMINDEX CITATION
13:657506)

MEDIA EDUCATION AND DEVELOPMENT: A BIBLIOGRAPHY. 2ND EDITION
ED-201 317

EPSKAMP, C.

CORP. SOURCE- CENTRE FOR THE STUDY OF EDUCATION IN
DEVELOPING COUNTRIES, THE HAGUE (NETHERLANDS). JOURNAL
VOL.- U8221 REPORT DATE- SEP 79 PAGINATION- 98P
AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION
SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION),
ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

COMPILED FOR INTERNAL, PRACTICAL USE BY STAFF MEMBERS OF THE
CENTRE FOR THE STUDY OF EDUCATION IN DEVELOPING COUNTRIES.
THIS SELECTED BIBLIOGRAPHY ON THE EDUCATIONAL USE OF MEDIA
EMPHASIZES ITS UTILIZATION IN NONWESTERN COUNTRIES. SOME
GENERAL THEORETICAL LITERATURE HAS BEEN INCLUDED, ESPECIALLY
IN THE AREA OF AUDIOVISUAL MEDIA, SINCE THE TECHNICAL USE
WILL NOT VARY CONSIDERABLY IN DEVELOPED AND DEVELOPING
COUNTRIES. A GREAT MANY CASE STUDIES ARE ALSO LISTED, AS
THEY REFLECT THE NEED TO CONSIDER THE SOCIO-CULTURAL CONTEXT
OF THE LOCALITY AS WELL AS EDUCATIONAL NEEDS AND OBJECTIVES
WHEN SELECTING APPROPRIATE MEDIA. THE FIRST OF THREE
SECTIONS LISTS BIBLIOGRAPHIES, THE SECOND FOCUSES ON MASS
MEDIA, AND THE THIRD (AND MAJOR PART OF THE BIBLIOGRAPHY) IS
CONCERNED WITH VARIOUS FACETS OF EDUCATIONAL MEDIA AND
DEVELOPMENT.

PROPOSAL FOR AN IAEA - SPONSORED PROJECT OF INTERREGIONAL CO-OPERATION FOR TRAINING OF NUCLEAR SCIENTISTS IN DEVELOPING COUNTRIES USING THE EXPERTISE AVAILABLE IN THE NUCLEAR DATA FIELD. DEVELOPED BY WORKING GROUP CONVENED AT THE ICTP IN TRIESTE FROM 18-22 FEBRUARY 1980 DURING THE INTERREGIONAL ADVANCED TRAINING COURSE ON APPLICATIONS OF NUCLEAR THEORY TO NUCLEAR DATA CALCULATIONS FOR REACTOR DESIGN HELD AT THE ICTP IN TRIESTE 28 JANUARY - 22 FEBRUARY 1980. DE81701037

KOCHEROV, N. SCHMIDT, J. J.

CORP. SOURCE- INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA (AUSTRIA). INTERNATIONAL NUCLEAR DATA COMMITTEE. JOURNAL VOL.- U8221 11200 REPORT DATE- JUL 80 PAGINATION- 41P REPORT NO.- INDC(NDS)-122L AVAIL. NOTE- U.S. SALES ONLY. AVAILABLE IN MICROFICHE ONLY. NTIS PRICES- MF A01

DURING THE WINTER COLLEGE ON NUCLEAR PHYSICS AND REACTORS JOINTLY ORGANIZED BY THE IAEA AND THE INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS (ICTP) IN JANUARY - MARCH 1980 AND HELD AT THE ICTP IN TRIESTE, A WORKING GROUP WAS CONVENED FROM PARTICIPANTS IN THE INTERREGIONAL ADVANCED TRAINING COURSE ON APPLICATIONS OF NUCLEAR THEORY TO NUCLEAR DATA CALCULATIONS FOR REACTOR DESIGN. THE WORKING GROUP EXAMINED THE CURRENT FAST NEUTRON NUCLEAR DATA REQUIREMENTS FOR NUCLEAR TECHNOLOGIES AND DISCUSSED POSSIBLE MEANS TO MEET THESE REQUIREMENTS, WITH A MAJOR EMPHASIS ON THE POSSIBLE CONTRIBUTIONS BY AND BENEFIT FOR THE DEVELOPING COUNTRIES. THE WORKING GROUP CONCLUDED THAT THE ORGANISATION OF AN IAEA-SPONSORED PROJECT OF INTERREGIONAL CO-OPERATION FOR TRAINING OF NUCLEAR SCIENTISTS IN DEVELOPING COUNTRIES, USING THE EXPERTISE AVAILABLE IN THE NUCLEAR DATA FIELD, WOULD BE THE BEST SOLUTION TO COPE WITH THE PROBLEMS IN QUESTION AND DRAFTED AN OUTLINE OF THE TECHNICAL PROGRAMME AND ORGANIZATION OF SUCH A PROJECT THE REVISED VERSION OF WHICH IS PRESENTED IN THIS REPORT. (ATOMINDEX CITATION 12:642755)

APPROACHES TO THE TEACHING OF ESSENTIALS OF ANATOMY IN
DEVELOPING COUNTRIES. PE82-227430

EHARGAVA, I.

CORP. SOURCE- DUNDEE UNIV. (SCOTLAND). JOURNAL VOL.-
U8220 DESCRIP. NOTE- MASTER'S THESIS REPORT DATE- MAY
79 PAGINATION- 230P NTIS PRICES- PC E10/MF E10

MEDICAL EDUCATION IN DEVELOPING COUNTRIES IS FACED WITH AN ACUTE SHORTAGE OF MEN, MATERIAL, MONEY AND MANAGEMENT. WHILE TEACHING ANATOMY IN IRAN, THE AUTHOR WAS FACED WITH A COMPLEX SITUATION WITH ABUNDANT MONEY AND A FORMIDABLE LANGUAGE BARRIER ON ACCOUNT OF POOR KNOWLEDGE OF ENGLISH ON PART OF THE STUDENTS. IN RESPONSE TO THESE LOCAL PROBLEMS, HE EVOLVED A DIAGRAMMATIC APPROACH INVOLVING A PURPOSEIVE AND DISCRIMINATORY COLORING OF PREDRAWN DIAGRAMS, DEPICTING ESSENTIAL ANATOMICAL CHARACTERISTICS OF THE REGION. THESE DIAGRAMS WERE COMPILED IN FORM OF A WORKBOOK. IT WAS HYPOTHESIZED THAT THIS APPROACH WILL RESULT IN BETTER LEARNING THROUGH MOTIVATION, RENDER INSTRUCTION MORE CONVENIENTLY AND EASILY MANAGED AND IMPROVE THE ATTITUDES TOWARDS ANATOMY. THE EFFECTIVENESS WAS EVALUATED BY COMPARING THE RESPONSES TO A QUESTIONNAIRE AND EXAMINATION SCORES OF STUDENTS TAUGHT WITH AND WITHOUT THE AID OF A WORKBOOK.

MASALAH BANGUNAN VOLUME 23 NUMERS 3-4 SEPTEMBER-DECEMBER
1978 PB82-213976

SUMINTARDJA, D. SALAM, S. PRAJITNO, S.

CORP. SOURCE- DIRECTORATE OF BUILDING RESEARCH, BANDUNG
(INDONESIA). JOURNAL VOL.- U8219 REPORT DATE- DEC 78
PACINATION- 56P NTIS PRICES- PC A04/MF A01

THE DOCUMENT CONTAINS ARTICLES SELECTED FROM THE SEMINARS AND MEETINGS HELD IN 1978 IN THE SOUTHEAST ASIAN REGION. THE TOPICS TOUCHED IN THIS DOCUMENT ARE THE PROTECTIVE APPROACH TO SOIL EROSION IN INDONESIA, THE BENEFITS AND DISADVANTAGES OF EXPLOITATION OF FORESTRY IN EAST KALIMANTAN TO OBTAIN FOREIGN EXCHANGE, ESTABLISHING SCHOOLS IN DENSELY POPULATED URBAN AREAS IN SINGAPORE, IMPROVING LOW INCOME RESIDENTIAL AREAS IN SOUTH EAST ASIAN CITIES, THE CONSTRUCTION INDUSTRY IN INDONESIA AND TRADITIONAL HOUSING IN INDONESIA. ASEAN

EXPERTS MEETING ON THE ENVIRONMENT AND A MEETING ON EDUCATIONAL FACILITIES PROGRAM DEVELOPMENT ARE ALSO REPORTED ALONG WITH THEIR RECOMMENDATIONS.

AUDIO-VISUAL AIDS FOR PRE-SCHOOL AND PRIMARY SCHOOL CHILDREN. A TRAINING DOCUMENT. AIDS TO PROGRAMMING UNICEF ASSISTANCE TO EDUCATION ED-198 795

NAKAYAN, S.

CORP. SOURCE- UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION, PARIS (FRANCE). JOURNAL VOL.- U8219 REPORT DATE- APR 80 PAGINATION- 30P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

THIS DISCUSSION OF THE IMPORTANCE AND SCOPE OF AUDIOVISUAL AIDS IN THE EDUCATIONAL PROGRAMS AND ACTIVITIES DESIGNED FOR CHILDREN IN DEVELOPING COUNTRIES INCLUDES THE SIGNIFICANCE OF AUDIOVISUAL AIDS IN PRE-SCHOOL AND PRIMARY SCHOOL EDUCATION, TYPES OF AUDIOVISUAL AIDS, LEARNING FROM PICTURES, CREATIVE ART MATERIALS, PLAY MATERIALS, AND PROBLEMS AND CONSTRAINTS. PHOTOGRAPHS AND ILLUSTRATIONS ARE INCLUDED. A BRIEF DISCUSSION OF THE NEED FOR AND CURRENT APPROACH TO NUTRITION AND HEALTH TEACHING IN BHUTAN IS ATTACHED.

ATTITUDE CHANGE IN A DEVELOPING COUNTRY TOWARD INDIVIDUALIZED INSTRUCTION ED-197 715

SCHMID, R. F. NUNEZ BLANCO, M. N.

JOURNAL VOL.- U8218 REPORT DATE- 1979 PAGINATION- 10P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

THIS STUDY WAS CONDUCTED TO INVESTIGATE THE CULTURAL IMPLICATIONS INVOLVED IN INTRODUCING INDIVIDUALIZED INSTRUCTIONAL TECHNIQUES IN A DEVELOPING COUNTRY, AND TO ASSESS THE EFFECTIVENESS OF SLIDE-TAPE METHODS ON COGNITIVE, AFFECTIVE, AND PRODUCTION QUALITY VARIABLES, USING A

COMBINATION OF STANDARD EVALUATION PROCEDURES AND EXPERIMENTAL DESIGN. AN INFORMATIVE SLIDE-TAPE SHOW WAS PRESENTED TO HIGH SCHOOL TEACHERS WITH THE INTENT OF INCREASING THEIR KNOWLEDGE OF AND CHANGING THEIR ATTITUDES TOWARD INDIVIDUALIZED INSTRUCTION. THE PRESENTATION INCLUDED 15 MINUTES OF AUDIO DESCRIPTION ACCOMPANIED BY SUPPORTING VISUALS--PHOTOS, DRAWINGS, AND CAPTIONS--COVERING FOUR FEATURES OF INDIVIDUALIZED INSTRUCTION: BASIC CHARACTERISTICS OF GENERATION AND EFFECTIVENESS, THE ADVANTAGES FOR STUDENT LEARNING, THE ADVANTAGES FOR TEACHER INVOLVEMENT, AND THE SPECIFIC ROLE OF THE TEACHER. THE PRODUCTION WAS FOUND TO HAVE SIGNIFICANTLY INCREASED LEARNING AND POSITIVELY ALTERED ATTITUDES, ESPECIALLY FOR MORE EXPERIENCED TEACHERS: CURRENT TEACHER-TRAINING PROGRAMS WERE FOUND TO HAVE DISCOURAGED ALTERNATIVE EDUCATION. WHILE GENERALLY RECEPTIVE, TEACHERS STILL COULD NOT ENVISION THEIR ROLE IN IMPLEMENTING INDIVIDUALIZED INSTRUCTION.

VIDEO IN NON-FORMAL EDUCATION: A BIBLIOGRAPHICAL STUDY
ED-197 720

LEWIS, P. M.

CORP. SOURCE- UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION, PARIS (FRANCE). JOURNAL VOL.- U8217 REPORT DATE- 1977 PAGINATION- 106P REPORT NO.- ED-77WS126 AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

INTENDED TO INFORM UNITED NATIONS MEMBER STATES ABOUT THE APPLICATION OF ELECTRONIC RECORDING AND REPLAYING DEVICES IN THE NONFORMAL EDUCATION DOMAIN, THIS BIBLIOGRAPHIC STUDY SURVEYS THE LITERATURE ON VIDEO. SINCE THE STUDY IS MEANT TO BE OF PARTICULAR USE TO DECISION MAKERS IN DEVELOPING COUNTRIES, VIDEO PROJECTS IN NORTH AMERICA AND WESTERN EUROPE, WHICH ACCOUNT FOR THE MAJORITY OF ALL WORLD USE, ARE SURVEYED ONLY BRIEFLY. INFORMATION IS INCLUDED ABOUT WHAT THE DECISION MAKERS NEED TO KNOW ABOUT CERTAIN TECHNICAL ASPECTS OF VIDEO, AS WELL AS ABOUT FACTORS AFFECTING DECISION TO USE VIDEO, AND SOCIAL EFFECTS OF THE USE OF THE MEDIUM. THE BULK OF THE STUDY, HOWEVER, IS DEVOTED TO BIBLIOGRAPHIC CITATIONS WHICH FOCUS ON VIDEO APPLICATIONS IN AFRICA, THE ARAB STATES, ASIA, LATIN AMERICA AND THE CARIBBEAN, NORTH AMERICA, AND EUROPE.

EMPLOYMENT CREATING RESEARCH ALTERNATIVE STRATEGIES AND INTERVENTIONS: INTERNATIONAL SEMINAR. PB82-200148

CORP. SOURCE- NATIONAL LABOUR INST., NEW DELHI (INDIA).
JOURNAL VOL.- U8216 REPORT DATE- 1980 PAGINATION- 34P
NTIS PRICES- PC A03/MF A01

THE INTERNATIONAL SEMINAR ON 'EMPLOYMENT CREATING RESEARCH, ALTERNATIVE STRATEGIES AND INTERVENTIONS' WAS ORGANIZED BY THE NATIONAL LABOR INSTITUTE WITH THE ASSISTANCE OF UNDP AND ILO IN NEW DELHI BETWEEN FEBRUARY 19-23, 1980. THIS SEMINAR WAS ATTENDED BY 8 COUNTRIES. REPORTS OF 4 GROUPS WHICH DISCUSSED PEOPLE'S PARTICIPATION AND EDUCATION; SUPPORT SERVICES; SUPPORT ORGANIZATIONS; AND LINKAGES AND COOPERATION ARE PRESENTED.

MAKING AND USING LOW-COST EDUCATIONAL MATERIALS. REPORT OF A SUB-REGIONAL WORKSHOP IN EDUCATIONAL TECHNOLOGY WITH SPECIAL REFERENCE TO DEVELOPMENT OF LOW-COST EDUCATIONAL MATERIALS KATHMANDU NEPAL NOVEMBER 7-21 1978. ED-196 410

CORP. SOURCE- UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION, BANGKOK (THAILAND). REGIONAL OFFICE FOR EDUCATION IN ASIA AND OCEANIA. JOURNAL VOL.- U8214
REPORT DATE- 1979 PAGINATION- 93P AVAIL. NOTE-
AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210.
ALSO AVAILABLE FROM UNIPUE, BOX 433, MURRAY HILL STATION, NEW YORK, NY 10016. NTIS PRICES- NOT AVAILABLE NTIS

THE MATERIALS COLLECTED HERE WERE GENERATED AT A WORKSHOP IN WHICH 16 PARTICIPANTS FROM AFGHANISTAN, INDIA, JAPAN, MALAYSIA, PAKISTAN, THE PHILIPPINES, AND NEPAL MET TO EXAMINE THE SUBJECT OF DEVELOPING LOW COST EDUCATIONAL MATERIALS. THE OBJECTIVES OF THIS WORKSHOP WERE: (1) TO EXCHANGE EXPERIENCES IN THE DEVELOPMENT OF SUCH MATERIALS THROUGH DISPLAYS AND DEMONSTRATIONS; (2) TO CONSIDER THE USE OF LOCALLY AVAILABLE RESOURCES AND OTHER APPROPRIATE OR ADAPTED METHODS AND TECHNIQUES; AND (3) TO DEVELOP SAMPLES OF LOW COST, SIMPLE MATERIALS TOGETHER WITH THEIR INSTRUCTION SHEETS, FOR USE IN TRAINING INSTITUTIONS AND WORKSHOPS, AND AS GUIDES FOR SUPERVISORS AND TEACHERS. THIS REPORT INCLUDES A DISCUSSION OF THE PRESENT STATUS OF THE DEVELOPMENT OF LOW COST EDUCATIONAL MATERIALS IN EACH OF THE PARTICIPATING COUNTRIES AS WELL AS A SYNTHESIS OF THE

EXPERIENCES OF THESE COUNTRIES AS A WHOLE. BROAD, CONCEPTUAL GUIDELINES BASED ON THESE EXPERIENCES ARE PROVIDED FOR USE IN FORMULATING STRATEGIES IN THE INDIVIDUAL MEMBER STATES. PLANS FOR FOLLOW-UP ARE SUGGESTED FOR EACH COUNTRY, AND RECOMMENDATIONS ARE ADDRESSED TO BOTH PARTICIPATING MEMBER STATES AND APEID/UNESCO. INSTRUCTION SHEETS FOR SOME OF THE MATERIALS PRESENTED AT THE WORKSHOP, A COPY OF THE WORKSHOP AGENDA, AND A LIST OF THE PARTICIPANTS ARE INCLUDED.

NATIONAL ADULT EDUCATION PROGRAMME: THE FIRST YEAR.
PB82-165085

CORP. SOURCE- MINISTRY OF EDUCATION AND CULTURE, NEW DELHI (INDIA). JOURNAL VOL.- U8213 REPORT DATE- OCT 79
PAGINATION- 43P NTIS PRICES- PC A03/MF A01

THE REPORT CONTAINS A ONE YEAR APPRAISAL OF THE NATIONAL ADULT EDUCATION PROGRAM (NAEP) FORMALLY LAUNCHED ON OCTOBER 2, 1978 IN INDIA. THE MOST SIGNIFICANT ASPECTS OF NAEP ARE THE FLEXIBILITY OF APPROACH BUILT INTO IT AND THE CONCEPTUAL POSITION WHICH VISUALIZES IT AS INDISPENSIBLE TO THE COUNTRY'S DEVELOPMENT. IT POINTS OUT THAT FROM THE POINT OF VIEW OF SOCIAL AND ECONOMIC PLANNING THE MAIN JUSTIFICATION FOR NAEP IS THAT IT CAN INVOLVE IN THE PROCESS OF DEVELOPMENT THE VAST MASSES OF ILLITERATE AND POOR PEOPLE WHO HAVE REMAINED DEPRIVED. CHAPTERS OF THE REPORT ARE DEVOTED TO IMPLEMENTATION AGENCIES, RESOURCE DEVELOPMENT, PROGRAM MANAGEMENT, FINANCIAL ARRANGEMENTS, MONITORING AND EVALUATION, AND FUTURE PROJECTS.

EDUCATION AND HUMAN RESOURCES DEVELOPMENT. AN ANNOTATED BIBLIOGRAPHY ED-195 239

SIDDIGUI, D. A.

CORP. SOURCE- MAXWELL SCHOOL OF CITIZENSHIP AND PUBLIC AFFAIRS, SYRACUSE, NY. JOURNAL VOL.- U8213 REPORT DATE- 1978 PAGINATION- 22P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION, ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

STUDIES OF THE ROLE OF EDUCATION IN HUMAN DEVELOPMENT,

ESPECIALLY IN RELATION TO APPROACHES TO NATIONAL EDUCATION IN DEVELOPING COUNTRIES, ARE CITED IN THIS 45-ITEM ANNOTATED BIBLIOGRAPHY. OTHER TOPICS COVERED INCLUDE EDUCATIONAL DEVELOPMENT IN RURAL AREAS, AND DEVELOPMENT THROUGH NON-FORMAL AND ADULT EDUCATION PROGRAMS. CASE STUDIES OF INDIVIDUAL PROGRAMS AND GENERAL APPROACHES TO EDUCATIONAL DEVELOPMENT ARE INCLUDED IN THE COLLECTION.

MOROCCO: FOOD AID AND NUTRITION EDUCATION. PB82-132895

GILMORE, J. W. ADELMAN, C. C. MEYER, A. J. THORNE,
M. C.

CORP. SOURCE- AGENCY FOR INTERNATIONAL DEVELOPMENT,
WASHINGTON, DC. JOURNAL VOL.- U8205 DESCRIP. NOTE -
PROJECT IMPACT EVALUATION REPT. NO. 8 REPORT DATE- AUG 80
PAGINATION- 68P CONT. NO.- AID/PHA-C-1199 MNTR.
AGNCY.- ID PN-AAH-851 NTIS PRICES- PC A04/MF A01

ALTHOUGH MOROCCO HAS A HIGH PER CAPITA GNP RELATIVE TO MOST DEVELOPING COUNTRIES, ITS INCOME DISTRIBUTION PATTERN IS SKEWED AND THE HEALTH AND NUTRITION STATUS OF MANY IS DEFICIENT. IN THIS REPORT, THE IMPACT OF THE INTRODUCTION BY CATHOLIC RELIEF SERVICES OF NUTRITION EDUCATION INTO 250 MOROCCAN SOCIAL EDUCATION CENTERS (SEC'S) WHICH DISTRIBUTE PL 480, TITLE II FOOD IS DESCRIBED. TO LAUNCH THIS EDUCATION PROGRAM, A NUTRITION INSTITUTE WAS ESTABLISHED AT MARRAKECH TO TRAIN A CADRE OF MOROCCAN WOMEN IN BASIC NUTRITION AND HEALTH. THIS CADRE DEVELOPED A CURRICULUM OF PRACTICAL LESSONS IN NUTRITION, SANITATION, AND THE TREATMENT OF CHILDHOOD DISEASES WHICH WERE PRESENTED AT MONTHLY NUTRITION CLASSES HELD AT THE SEC'S. CLASS ATTENDANCE WAS SPURRED ON BY THE PROSPECT OF OBTAINING TITLE II FOOD. THERE WAS A SIGNIFICANT CORRELATION NOTED BETWEEN INCREASED EDUCATION AND IMPROVED NUTRITION IN THE CHILDREN TAKING PART IN THE PROGRAM.

NOTE ON THE HONDURAS RADIO SCHOOLS (ACPH--ACCION CULTURAL POPULAR HONDURENO). IEC DISCUSSION PAPER. APPENDIX 4 ED-192 768

YOUNG, M.

CORP. SOURCE- INTERNATIONAL EXTENSION COLL., CAMBRIDGE (ENGLAND). JOURNAL VOL.- U8204 REPORT DATE- 1977 PAGINATION- 43P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

THIS REPORT ON THE RADIO SCHOOLS IN HONDURAS, CENTRAL AMERICA, INCLUDES (1) AN ACCOUNT OF AN AFTERNOON SESSION OF THE RADIO SCHOOL'S PRIMARY EQUIVALENCE PROGRAMME (PEPA), INCLUDING A TESTIMONIAL OF A STUDENT AND A STATEMENT REGARDING THE IMPORTANCE OF THE MONITORS; (2) INFORMATION ON THE SOCIAL BACKGROUND OF HONDURAS; (3) AN HISTORICAL ACCOUNT OF THE GROWTH OF ACCION CULTURAL POPULAR HONDURENO (ACPH); (4) A DESCRIPTION OF THE AGRICULTURAL PROGRAM OF ACPH; (5) A COMMENTARY ON THE SIGNIFICANT ELEMENTS OF THE PRESENT SITUATION; AND (6) AN ACCOUNT OF THE CURRICULUM FOR THE PEPA.

EDUCATIONAL RADIO: A SELECTED ANNOTATED BIBLIOGRAPHY. I.E.T. PAPERS ON BROADCASTING: NUMBER 104 ED-192 742

BROWN, D. H.

CORP. SOURCE- OPEN UNIV., MILTON KEYNES (ENGLAND). INST. OF EDUCATIONAL TECHNOLOGY. JOURNAL VOL.- U8126 REPORT DATE- 1978 PAGINATION- 33P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

THIS SELECTED, ANNOTATED BIBLIOGRAPHY FOR THE AUDIO-VISUAL MEDIA RESEARCH GROUP OF THE OPEN UNIVERSITY INCLUDES SECTIONS ON (1) GENERAL BIBLIOGRAPHIES AND LITERATURE REVIEWS, (2) EXPERIMENTAL STUDIES, (3) BBC AUDIENCE RESEARCH REPORTS, (4) MISCELLANEOUS ITEMS, (5) RADIO IN LESS DEVELOPED COUNTRIES, AND (6) AUDIO-VISUAL MEDIA RESEARCH GROUP REPORTS. THE PROJECT WAS BEGUN WITH A COMPUTER SEARCH OF THE ERIC FILES TO PROVIDE A SOURCE OF BACKGROUND

INFORMATION FOR MEMBERS OF THE RESEARCH GROUP WHO ARE INVOLVED IN A STUDY OF THE USE OF RADIO PROGRAMMING AND AUDIO-CASSETTES IN OPEN UNIVERSITY COURSES.

THE BRAZIL CHEMISTRY PROGRAM: AN INTERNATIONAL EXPERIMENT IN SCIENCE EDUCATION. PB81-221129

CORP. SOURCE- NATIONAL RESEARCH COUNCIL, WASHINGTON, DC. BOARD ON SCIENCE AND TECHNOLOGY FOR INTERNATIONAL DEVELOPMENT. JOURNAL VOL.- U8122 REPORT DATE- 1979 PAGINATION- 30P CONT. NO.- AID/TA-C-1433 MNTR. AGENCY.- ID PN-AAH-368 NTIS PRICES- PC A03/MF A01

THE NATIONAL RESEARCH COUNCIL OF BRAZIL AND THE U. S. NATIONAL ACADEMY OF SCIENCES (USNAS) CARRIED OUT A 7-YEAR EXPERIMENTAL PROGRAM IN POSTGRADUATE RESEARCH AND TEACHING IN CHEMISTRY. THE OBJECTIVES OF THE PROGRAM WERE TO DEVELOP A BRAZILIAN RESEARCH CAPABILITY IN CERTAIN KEY FIELDS OF CHEMISTRY AND TO STIMULATE LONGTERM COOPERATIVE RESEARCH COLLABORATION IN CHEMISTRY BETWEEN BRAZILIAN AND AMERICAN SCIENTISTS. IN THIS DOCUMENT, THE USNAS ASSESSES THE PROGRAM, WHICH PROVED TRULY COOPERATIVE BOTH IN SPIRIT AND IN FACT.

THE COMPARATIVE FUNCTIONALITY OF FORMAL AND NON-FORMAL EDUCATION FOR WOMEN. PB81-218588

DERRYCK, V. L.

CORP. SOURCE- DERRYCK (VIVIAN LOWERY), WASHINGTON, DC. JOURNAL VOL.- U8122 DESCRIP. NOTE- FINAL REPT. REPORT DATE- JAN 79 PAGINATION- 197P CONT. NO.- AID/ORT-147-78-14 MNTR. AGENCY.- ID FN-AAH-604 NTIS PRICES- PC A09/MF A01

WITH LIMITED RESOURCES AND COMPETING PRIORITIES, DEVELOPMENT AND EDUCATION PLANNERS ARE DEBATING WHICH EDUCATIONAL MODE (FORMAL OR NONFORMAL) WILL ASSURE THE GREATEST BENEFITS TO WOMEN IN LDCS IN TERMS OF INCREASED INCOMES, GREATER CONTROL OVER THEIR LIVES, AND MORE INFLUENCE IN COMMUNITY AND FAMILIAL DECISIONMAKING. THIS FINAL REPORT PRESENTS THE FINDINGS OF A STUDY TO DETERMINE WHICH EDUCATIONAL MODE IS MORE FUNCTIONAL FOR ACCELERATING THE INTEGRATION OF LDC

WOMEN INTO DEVELOPMENT EFFORTS.

AN ADMINISTRATIVE HISTORY OF OUT-OF-SCHOOL EDUCATIONAL
TELEVISION IN THE IVORY COAST FB61-198251

GRANT, S.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8118 REPORT DATE- 1977
PAGINATION- 106P MNTR. AGENCY.- ID PN-AAG-837 NTIS
PRICES- PC A06/MF A01

THE STUDY EXAMINES THE BASIC ORGANIZATION, MANAGEMENT, AND EVOLUTION OF THE DEPARTMENT PRODUCING THE TPT BROADCASTS (TV FOR EVERYONE). THE INITIAL CHAPTER DESCRIBES THE METHODOLOGY OF THIS STUDY, AND MENTIONS GIVE SIMILAR STUDIES WHICH MIGHT INTEREST THE READER. BASIC BACKGROUND INFORMATION ON THE TPT PROJECT IS PRESENTED IN CHAPTER TWO, WITH SECTIONS ON TARGET AUDIENCES; GENERAL PROGRAM OBJECTIVES AND POLICIES; FILM PRODUCTION, TRANSMISSION, AND RECEPTION; CONTENT AND TYPE OF TV PROGRAMS PRODUCED; COLLABORATION WITH GOVERNMENT AGENCIES; AND FINANCING. CHAPTER THREE, WHICH CONTAINS THE REPORT'S PRINCIPAL ANALYSIS, EXAMINES IN DETAIL SIX KEY DECISIONS REGARDING THE OSTV PROGRAM AND THEIR CONSEQUENCES. CONCLUSIONS CONSEQUENT UPON THIS ANALYSIS ARE PRESENTED IN THE FOURTH CHAPTER. AN ATTEMPT IS MADE TO PLACE THE OUT-OF-SCHOOL PROGRAM WITHIN THE CONTEXT OF RECENTLY ENUNCIATED NATIONAL PLANNING STRATEGIES. VARIOUS APPENDICES AND A 37-ITEM BIBLIOGRAPHY OF FRENCH- AND ENGLISH-LANGUAGE REFERENCES ARE ALSO INCLUDED.

THE RECEPTION AND ANIMATION OF OUT-OF-SCHOOL EDUCATIONAL
TELEVISION PROGRAMS IN THE IVORY COAST: A CASE STUDY OF FOUR
VILLAGES PB81-197642

BENEVENISTE, A.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8118 REPORT DATE- 1975
PAGINATION- 45P CONT. NO.- AID/AFR-C-1158 MNTR.
AGNCY.- ID PN-AAG-835 NTIS PRICES- PC A03/MF A01

RURAL ANIMATION, AS A GLOBAL APPROACH TO DEVELOPMENT,
NECESSARILY INCLUDES THE THREE SUCCESSIVE STAGES OF
INFORMING THE PUBLIC, EDUCATING THE PUBLIC, AND ORGANIZING
THE PUBLIC FOR ACTION. THIS REPORT REPRESENTS AN ENGLISH
SUMMARY OF A FRENCH-LANGUAGE STUDY TO DESCRIBE QUALITATIVELY
THE GLOBAL ANIMATION PROCESS AS APPLIED IN THE IVORY COAST.
IT IS BASED ON FOUR VILLAGE CASE STUDIES, AND ASSESSES
PUBLIC AWARENESS OF, OPINIONS ABOUT, AND RECEPTION OF THE
IVORIAN 'TELE FOUR TOUS' (TV FOR EVERYONE -TPT) NONFORMAL
EDUCATION BROADCASTS AND THEIR DEGREE OF CONGRUENCE WITH THE
SOCIOCULTURAL REALITIES OF EACH VILLAGE. IN EACH CASE,
DISCUSSION IS STRUCTURED AROUND FOUR MAIN AREAS: THE FLOW OF
INFORMATION IN THE VILLAGE ABOUT THE TPT BROADCASTS; THE
EXTERNAL AND INTERNAL FACTORS INFLUENCING PUBLIC INTEREST
AND ATTENDANCE; THE TYPICAL OPERATION OF A SINGLE TPT
BROADCAST; AND THE COMPREHENSION AND ACCEPTANCE OF THE
BROADCAST MESSAGES. CONCLUSIONS AND RECOMMENDATIONS ARE
PROVIDED.

COST ANALYSIS OF NON-FORMAL ETV SYSTEMS: A CASE STUDY OF THE
'EXTRA-SCOLAIRE' SYSTEM IN THE IVORY COAST PB81-196891

KLEES, S. J.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8118 REPORT DATE- SEP
77 PAGINATION- 129P CONT. NO.- AID/AFR-C-1158 MNTR.
AGNCY.- ID PN-AAG-836 NTIS PRICES- PC A07/MF A01

THE EXTRA/SCOLAIRE (E/S) EDUCATIONAL TELEVISION (ETV) SYSTEM
OF THE IVORY COAST PRODUCES TELEVISION PROGRAMMING DEALING
WITH A WIDE VARIETY OF TOPICS CONCERNING AGRICULTURE,
POLITICS, ECONOMICS, AND CULTURE, DIRECTED PRIMARILY TOWARD
RURAL ADULT AUDIENCES. THIS PAPER SUMMARIZES AND ANALYZES

THE SOCIETAL COSTS INCURRED BY THE E/S SYSTEM. AN INTRODUCTORY SECTION PRESENTS THE ASSUMPTIONS AND LIMITATIONS OF THE 'OPPORTUNITY COST' APPROACH TO COST ANALYSIS AND DESCRIBES THE STRUCTURE OF THE E/S SYSTEM, THE CONTEXT IN WHICH IT OPERATES, AND THE EXTENT TO WHICH IT IS UTILIZED. THE SECOND SECTION PROVIDES A SPECIFIC ESTIMATION OF THE COSTS OF THE VARIOUS E/S COMPONENTS; ADMINISTRATION, PROGRAM PRODUCTION, PROGRAM TRANSMISSION, SUPPORT MATERIALS PRODUCTION AND DISTRIBUTION, PROGRAM RECEPTION, AND SYSTEM EVALUATION. SECTION THREE TRANSLATES THE ANNUALIZED COST DESCRIPTION OF THE E/S SYSTEM INTO COST FUNCTION TERMS IN ORDER TO VIEW THE POTENTIAL COST IMPACT OF VARIOUS POLICY DECISIONS. RECOMMENDATIONS ARE GIVEN ALONG WITH VARIOUS APPENDICES AND A 35-ITEM BIBLIOGRAPHY OF FRENCH- AND ENGLISH-LANGUAGE REFERENCES.

POST-PRIMARY OPTIONS IN THE IVORY COAST PB81-196354

DANIERE, A. DRIVEL, F.

CORP. SOURCE- CALIFORNIA REGIONAL MEDICAL PROGRAM AREA IV, LOS ANGELES. JOURNAL VOL.- U8118 REPORT DATE- JUL 77
PAGINATION- 166P CONT. NO.- AID/AFR-C-1158 MNTR.
AGNCY.- ID PN-AAG-840 NTIS PRICES- PC A08/MF A01

THE POST-PRIMARY EDUCATION (PPE) SYSTEM IN THE IVORY COAST FACES A CONSIDERABLE CHALLENGE: THE COUNTRY ALREADY HAS ONE OF THE WORLD'S HIGHEST EXPENDITURES ON EDUCATION AS A PERCENTAGE OF GNP AND ENROLLMENT WILL INCREASE BY SOME 300-500% BY 1990. THIS STUDY IS INTENDED TO ASSIST IVORIAN AUTHORITIES IN THE PLANNING OF PPE OVER THE NEXT DECADE. IT IS DIVIDED INTO TWO PARTS, THE FIRST PROJECTING SOCIAL OUTCOMES OF ALTERNATIVE SCOPES AND CONTENTS OF PPE, AND THE SECOND CONSIDERING ALTERNATIVE OPTIONS IN THE TECHNOLOGY OF PPE. PART ONE BEGINS WITH AN ANALYSIS OF THE IMPACT OF ALTERNATIVE PATTERNS OF SECONDARY STUDENT FLOW ON SOCIAL OUTCOMES OF INTEREST. CURRICULUM OPTIONS IN COMPLEMENTARY EDUCATION (INTENDED FOR ALL ELIGIBLE STUDENTS NOT ENROLLED IN SECONDARY SCHOOLS) ARE THEN EXAMINED. FOLLOWING THIS, THE SCHEDULING OF ACCESS TO PPE INCLUDING THE CONTROL OF REPETITIONS, IS DISCUSSED. FINALLY, SOME PROBLEMS CONCERNING THE TRANSITION OF PUPILS EDUCATED IN TV PRIMARY SCHOOLS TO SECONDARY SCHOOLS ARE TREATED. PART TWO INTRODUCES THE TECHNOLOGICAL OPTIONS AVAILABLE IN THE PROVISION OF SECONDARY AND COMPLEMENTARY EDUCATION, WITH CONCENTRATION OF TRADITIONAL AND MEDIA TECHNOLOGIES OF INSTITUTIONAL, COMMUNITY, AND EXTENSION EDUCATION.

A COST ANALYSIS OF INSTRUCTIONAL TELEVISION IN THE IVORY
COAST PB81-195869

KLEES, S. J. JAMISON, D. T.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8118 REPORT DATE- JUL
76 PAGINATION- 70P CONT. NO.- AID/AFR-C-1158 MNTR.
AGNCY.- ID PN-AAG-836 NTIS PRICES- PC A04/MF A01

IN AN EFFORT TO IMPROVE THE QUALITY AND RELEVANCE OF PRIMARY
SCHOOLING, THE IVORY COAST HAS INITIATED EXTENSIVE
EDUCATIONAL REFORM INVOLVING HEAVY RELIANCE ON A SYSTEM OF
INSTRUCTIONAL TELEVISION (ITV) AND A SUBSTANTIAL EFFORT TO
IMPROVE THE TRAINING OF CLASSROOM TEACHERS. THIS PAPER
PROVIDES A DETAILED COST ANALYSIS OF THE ITV COMPONENT OF
THE IVORIAN EDUCATIONAL REFORM WHICH BEGAN BROADCASTING TO
THE FIRST GRADE IN 1971, REACHING ABOUT 21,000 STUDENTS. THE
CONCLUSION REACHED IS THAT, WHILE THE SYSTEM IS RATHER
EXPENSIVE, SIGNIFICANT ECONOMIES OF SCALE CAN BE ACHIEVED IF
THE SYSTEM EXPANDS AS PLANNED. PRESENTLY, NO SOUND BASIS FOR
EVALUATING THE PEDAGOGICAL, SOCIAL, OR ECONOMIC WORTH OF THE
INVESTMENT IN IVORIAN EDUCATIONAL REFORM EXISTS. A BRIEF
SECTION ON THE MARGINAL COSTS OF SYSTEM EXPANSION AND A
19-ITEM LIST OF FRENCH AND ENGLISH LANGUAGE REFERENCES ARE
INCLUDED.

ETV (EDUCATIONAL TELEVISION) PROGRAM PRODUCTION IN THE IVORY
COAST PB81-195703

EVANS, S. KLEES, S.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8118 REPORT DATE- AUG
76 PAGINATION- 84P CONT. NO.- AID/AFR-C-1158 MNTR.
AGNCY.- ID PN-AAG-839 NTIS PRICES- PC A05/MF A01

IN 1971, THE IVORY COAST IMPLEMENTED A NATIONWIDE
EDUCATIONAL SYSTEM REFORM DESIGNED TO IMPROVE THE REACH AND
QUALITY OF EDUCATIONAL OFFERINGS. A PRIMARY COMPONENT OF
THIS REFORM IS THE INTENSIVE UTILIZATION OF EDUCATIONAL
TELEVISION (ETV) IN PRIMARY SCHOOLS. THIS REPORT EVALUATES
THE IVORY COAST'S SYSTEM OF ETV PROGRAM PRODUCTION. THE
DIFFERENT STAGES IN THE PROCESS OF PROGRAM PRODUCTION AND
THE INTERACTIONS BETWEEN THE THREE PRINCIPAL ACTORS IN THE

PROCESS--THE PRODUCER, THE PRINTED SUPPORT MATERIALS WRITER, AND THE DIRECTOR--ARE DESCRIBED IN DETAIL. THE AUTHORS CONCLUDE THAT THE BASIC INGREDIENTS FOR A GOOD ETV PROGRAM PRODUCTION SYSTEM ARE IN PLACE, AND NOW THAT THE INITIAL COVERAGE OF THE FULL SIX GRADES OF PRIMARY SCHOOL IS ALMOST COMPLETE, MORE TIME SHOULD BE DEVOTED TO MAKING IMPROVEMENTS IN THE EFFICIENCY WITH WHICH THE SYSTEM OPERATES BEFORE THE SYSTEM IS FURTHER EXPANDED. A 20-ITEM BIBLIOGRAPHY OF FRENCH- AND ENGLISH-LANGUAGE REFERENCES IS INCLUDED.

MANPOWER TRAINING AND DEVELOPMENT FOR NUCLEAR POWER.
INIS-MF-5857

BAUER, E.

CORP. SOURCE- ATOMIC ENERGY COMMISSION, ANKARA (TURKEY).
JOURNAL VOL.- U8115 11100 REPORT DATE- 1979
PAGINATION- 10P REPORT NO.- CONF-7909166-3 AVAIL.
NOTE- U.S. SALES ONLY. NTIS PRICES- PC A02/MF A01

DETERMINATION OF THE MANPOWER REQUIRED FOR IMPLEMENTATION OF A NUCLEAR PROGRAMME IS A VERY IMPORTANT FACTOR FROM THE NATIONAL VIEWPOINT, AS IT IS DRAWN FROM MANY SECTORS OF INDUSTRY. THE AUTHOR PROVIDES A CASE-STUDY OF MANPOWER REQUIREMENTS IN FRANCE. HE IS IN FAVOUR OF THE ESTABLISHMENT OF A MANPOWER PROGRAMME WITHIN THE EDUCATIONAL SYSTEM, INVOLVING SCHOOLS AND UNIVERSITIES SINCE TECHNICIANS AND ENGINEERS HAVE AN IMPORTANT ROLE TO PLAY THROUGHOUT THE DIFFERENT STAGES OF A NUCLEAR PROGRAMME. IN THIS CONTEXT, HE DESCRIBES THE IAEA CONTRIBUTION TO ACQUISITION OF KNOW-HOW BY MEANS OF TRAINING COURSES FOR DEVELOPING COUNTRIES.
(ATOMINDEX CITATION 11:538808)

INSTRUCTIONAL TECHNOLOGY AND LEARNING RESOURCE CENTER-BASED
COMMUNITY EDUCATION PE81-145385

BROWN, J. W.

CORP. SOURCE- SAN JOSE STATE UNIV., CA. DEPT. OF
INSTRUCTIONAL TECHNOLOGY. JOURNAL VOL.- U8110 REPORT
DATE- 15 DEC 77 PAGINATION- 202P GRANT NO.-
AID/1A-G-1169 MNTR. AGENCY.- ID PN-AAH-019 NTIS PRICES-
PC A10/MF A01

THE REPORT PRESENTS EXCERPTS FROM A SURVEY OF LITERATURE AND DESCRIPTIONS OF NONFORMAL COMMUNITY EDUCATION ACTIVITIES INVOLVING SPECIFIC USES OF MEDIA FOR VARIOUS EDUCATIONAL AND INFORMATIONAL PURPOSES. IN ADDITION, RECOMMENDATIONS AND MEDIA UTILIZATION TECHNIQUES AND PROCEDURES HAVING SPECIAL APPLICATION TO THE LEARNING RESOURCE CENTER-BASED COMMUNITY EDUCATION PROJECT (LRC-BCES) ARE ALSO INCLUDED. IT IS INTENDED THAT THIS PAPER ASSIST PARAPROFESSIONAL AND PROFESSIONAL PERSONNEL WHO MAY BE EMPLOYED IN THE LRC-BCES PROGRAMS IN LATIN AMERICA. THOUGH NOT EXHAUSTIVE, THE SURVEY OF LITERATURE CONSISTS OF A FAIR SAMPLE OF JOURNALISTIC OPINIONS, REPORTS OF ACTUAL EXPERIENCE, AND, WHERE AVAILABLE, OF FIELD-BASED OBJECTIVE STUDIES OF SEVERAL DIFFERENT KINDS. THREE APPENDICES ARE PROVIDED TO FACILITATE THE RESEARCHER'S FURTHER STUDY OF THIS TOPIC. FINALLY, A BIBLIOGRAPHY OF 200 ENTRIES (1964-1978) LISTS ALL ITEMS CONSULTED IN THE PREPARATION OF THIS STUDY.

FROM VISIONS TO DEVELOPMENT: A LEARNING RESOURCE
CENTER-BASED COMMUNITY EDUCATION SYSTEMS MODEL.
PE81-144164

CORP. SOURCE- SAN JOSE STATE UNIV., CA. JOURNAL VOL.-
U8110 DESCRIP. NOTE- INTERIM REPT. REPORT DATE- JUL 78
PAGINATION- 208P GRANT NO.- AID/1A-G-1169 MNTR.
AGENCY.- ID PN-AAH-017 NTIS PRICES- PC A10/MF A01

THE SAN JOSE UNIVERSITY SCHOOL OF EDUCATION WAS CONTRACTED TO PRODUCE A WRITTEN CONCEPTUAL MODEL OF A COMPREHENSIVE AND INTEGRATED COMMUNITY EDUCATION SYSTEM FOR RURAL LATIN AMERICA, REFLECTING BOTH THE NEEDS AND REALITIES OF NONFORMAL EDUCATION AND INTEGRATING THESE NEEDS AS CLOSELY AS POSSIBLE WITH NEW ORGANIZATIONAL STRUCTURES OF LEARNING. THIS DOCUMENT IS THE FIRST MAJOR REPORT ON THIS LEARNING

RESOURCE CENTER-BASED COMMUNITY EDUCATION SYSTEMS (LRC-BCES)
MODEL.

A MASTER PLAN FOR THE EVALUATION OF THE RADIO COMPONENT OF
THE FIFTH EDUCATION PROJECT FOR THE ROYAL GOVERNMENT OF
THAILAND ED-184 567

BATES, T.

CORP. SOURCE- MINISTRY OF EDUCATION, BANGKOK (THAILAND).
JOURNAL VOL.- U8110 REPORT DATE- 1979 PAGINATION- 113P
AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION
SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION),
ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

THE MASTER PLAN FOR EVALUATION PRESENTED IN THIS REPORT WAS DEVELOPED BY A UNESCO CONSULTANT AS PART OF AN AGREEMENT BETWEEN THE GOVERNMENT OF THAILAND AND THE UNITED NATIONS DEVELOPMENT PROGRAM FOR A PROJECT PROVIDING TECHNICAL ASSISTANCE FOR STRENGTHENING EDUCATIONAL RADIO FOR SCHOOLS AND OUT-OF-SCHOOL EDUCATION. ALTHOUGH THIS PLAN IS RESTRICTED TO THE ACTIVITIES OF THE CENTER FOR EDUCATIONAL TECHNOLOGY (CET), THE RADIO CORRESPONDENCE PROJECT (RCP), AND THE IN-SERVICE TEACHER TRAINING DIVISION (TTD), BRIEF DESCRIPTIONS OF THE ACTIVITIES OF OTHER SECTORS USING THE RADIO FACILITIES PROVIDED UNDER THIS EDUCATION PROJECT ARE INCLUDED. FORMATIVE AND SUMMATIVE EVALUATION PROCEDURES PROPOSED ARE BASED ON A STUDY OF THE EDUCATIONAL RADIO FOR SCHOOL AND OUT-OF-SCHOOL PROJECT IN ITS CONTEXT, AND AN ASSESSMENT OF THE AVAILABLE RESOURCES FOR THE EVALUATION OF THE PROJECT. THIS REPORT CONCENTRATES PRIMARILY ON RECOMMENDING DETAILED SETS OF PROCEDURES FOR THE EVALUATION OF THE IN-SCHOOL SECTOR, AND A BROADER AND LESS DETAILED FRAMEWORK FOR THE EVALUATION IN THE OTHER SECTORS. A SUMMARY OF THE RECOMMENDATIONS AND A LIST OF REFERENCES CONCLUDE THE REPORT, AND APPENDICES PROVIDE BACKGROUND INFORMATION ON THE PROJECT, INCLUDING A DETAILED WORK EVALUATION PLAN FOR CET AND AN OUTLINE OF PROJECT PLANNING, JOB DESCRIPTIONS, AND TERMS OF REFERENCE FOR FOREIGN CONSULTANTS.

EVALUATION ED-184 566

MCANANY, E. G.

CORP. SOURCE- AGENCY FOR INTERNATIONAL DEVELOPMENT,
WASHINGTON, DC. CLEARINGHOUSE ON DEVELOPMENT COMMUNICATION.
JOURNAL VOL.- U8109 REPORT DATE- JAN 80 PAGINATION-
14P AVAIL. NOTE- N29 JAN 1980. NTIS PRICES- NOT
AVAILABLE NTIS

TWO LEAD ARTICLES SET THE THEME FOR THIS ISSUE DEVOTED TO
EVALUATION AS THE AUTHOR EXAMINES THE USEFULNESS OF
EVALUATION. ADDITIONAL ARTICLES INCLUDE A REPORT OF A FIELD
EVALUATION DONE BY THE ACCION CULTURAL POPULAR (ACPO); A
STUDY OF THE IMPACT OF THAT EVALUATION BY HERNANDO BERNAL,
ERNESTO SANTOS, AND GUILLERMO TORRES; THE USE OF FORMATIVE
EVALUATION (FEEDBACK) IN PROGRAM PRODUCTION FOR
INSTRUCTIONAL RADIO BY JAMESINE FRIEND; AND THE POTENTIAL
USE OF POSTCARDS TO STIMULATE THE INTEREST OF VILLAGERS BY
BENEDICT TISA. A SELECTED ANNOTATED BIBLIOGRAPHY ON
EVALUATION, REVIEWS OF FOUR BOOKS ON COMMUNICATIONS,
DESCRIPTIONS OF FOUR EDUCATIONAL PROJECTS, AND AN ANNOTATED
LISTING OF REPORTS ON EDUCATIONAL TELEVISION IN THE IVORY
COAST THAT ARE AVAILABLE THROUGH ERIC ARE ALSO INCLUDED.

NON FORMAL EDUCATION IN EL SALVADOR: RURAL LIVING SKILLS
PROJECT PE81-126054

FIELD, W. CABRERA, R.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8108 REPORT DATE- JUL
79 PAGINATION- 224P CONT. NO.- AID-519-193 MNTR.
AGNCY.- ID PN-AAG-706 NTIS PRICES- PC A10/MF A01

THE DOCUMENT PROVIDES THE FINAL REPORT ON A SERIES OF
STUDIES CONDUCTED BY THE ACADEMY FOR EDUCATIONAL
DEVELOPMENT, UNDER CONTRACT WITH AID, TO ASSIST THE MINISTRY
OF EDUCATION OF EL SALVADOR AND USAID DEVELOP A RURAL LIVING
SKILLS PROJECT. THE REPORT CONSISTS OF DOCUMENTS IN SIX
SPECIFIED AREAS AND IS PREFACED BY AN INTRODUCTION WHICH
PRESENTS AN OVERVIEW OF THE AUTHORS' FINDINGS AND
RECOMMENDATION. THE FIRST DOCUMENT PRESENTS A BRIEF HISTORY
OF NON-FORMAL EDUCATION IN EL SALVADOR. THE SECOND DOCUMENT
OUTLINES THE STRUCTURE AND FUNCTION OF THE MINISTRY OF

EDUCATION'S PRESENT TRAINING SYSTEM. THE THIRD PRESENTS A TIME-PHASED TRAINING PLAN FOR BOTH IN-SERVICE AND PARTICIPANT TRAINING FOR THE RURAL LIVING SKILLS PROJECT. THE FOURTH DOCUMENT OUTLINES THE BASIC THEORIES FOR A MODEL SYSTEM OF INVESTIGATION-EVALUATION OF THE PROJECT. A LARGE PART OF THIS LATTER DOCUMENT IS WRITTEN IN SPANISH. THE TWO FINAL DOCUMENTS OUTLINE THE TECHNICAL ASSISTANCE AND FACILITIES DEMANDED BY THE PROJECT, INCLUDING BUDGETARY CONSIDERATIONS AND RECOMMENDATIONS ON THE USE OF MOBILE TRAINING UNITS.

MOBILIZING RURAL COMMUNITY RESOURCES FOR SUPPORT AND DEVELOPMENT OF LOCAL LEARNING SYSTEMS IN DEVELOPING COUNTRIES PB81-125759

KULAKOW, A. BRACE, J. MORRILL, J.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC., WASHINGTON, DC. JOURNAL VOL.- U8108 REPORT DATE- NOV 78 PAGINATION- 113P CONT. NO.- AID/AFR-C-1131 MNTR. AGENCY.- ID PN-AAG-707 NTIS PRICES- PC A06/MF A01

THE STUDY FOCUSES ON THE QUESTION OF HOW LOCAL COMMUNITIES IN LESS DEVELOPED COUNTRIES MIGHT SUPPORT PART OR ALL OF THEIR EDUCATIONAL COSTS. MANY OF THE EXAMPLES OF COMMUNITY SUPPORT COME FROM NONFORMAL EDUCATION, VOCATIONAL, OR SKILL-ORIENTED EDUCATION, AND FROM ADULT EDUCATION PROGRAMS. FACED WITH A GROWING DEMAND FOR PRIMARY EDUCATION, MANY DEVELOPING COUNTRIES HAVE CONCLUDED THAT THEIR NATIONAL EDUCATION SPENDING HAS REACHED ITS MAXIMUM LEVEL. THIS REPORT PRESENTS THREE WAYS TO REDUCE THE STRAIN ON THE NATIONAL BUDGETS. THE APPENDICES INCLUDE CASE STUDIES, PROJECT SUMMARIES, PROFILES OF THREE RADIO SCHOOLS, AN ILLUSTRATION OF A BARRIC SCHOOL PROJECT, AN ARTICLE ON LEARNING AND EDUCATIONAL RESOURCES IN AFRICAN VILLAGES BY DR. A. BABS FAFUNWA, AND A DESCRIPTION OF A CREDIT UNION SELF-FINANCING SYSTEM.

EL SALVADOR EDUCATION SECTOR ANALYSIS. EXECUTIVE SUMMARY AND
STATUS REPORT. PART II PB81-125734

ROBINSON, E.

CORP. SOURCE- AGENCY FOR INTERNATIONAL DEVELOPMENT,
WASHINGTON, DC. JOURNAL VOL.- U8108 REPORT DATE- 1 DEC
77 PAGINATION- 81P REPORT NO.- AID-PN-AAG-949 NTIS
PRICES- PC A05/MF A01

THE REPORT REVIEWS ANALYTICAL FINDINGS AND THEIR ASSOCIATED RECENT POLICY CONCLUSIONS ON THE EFFICIENCY OF BASIC EDUCATION IN EL SALVADOR. BASED ON 6 OF A PROJECTED 15 ANALYTICAL WORKING DOCUMENTS, THE REPORT EVALUATES THE EFFICIENCY OF BASIC EDUCATION IN 5 WAYS: (1) ENROLLMENT LOSS, A SIGNIFICANT PROBLEM, IS CONCENTRATED IN RURAL AREAS AND IS DUE TO INSUFFICIENT SUPPLY RATHER THAN INSUFFICIENT DEMAND. THE PROBLEM CAN BE ELIMINATED, AT A RELATIVELY LOW COST, BY COMPLETING INCOMPLETE SCHOOLS. THE RESULTING FAVORABLE IMPACT ON THE URBAN LABOR FORCE COULD BE CONSIDERABLE; (2 & 3) ELIMINATING THE RURAL SCHOOL DEFICIENCY COULD ALSO HELP STOP THE GROWTH OF ILLITERACY AND NOTABLY MINIMIZE REPETITION, THE LATTER, AGAIN, AT A CONSIDERABLE SAVING; (4) PER STUDENT COST CAN BE MINIMIZED BY MORE EFFICIENT USE OF FACILITIES AND TEACHERS; (5) RESULTS OF MINISTRY TESTS ON THE OFFICIAL CURRICULUM SHOW THAT THE CHILDREN ARE REALLY LEARNING, WITH RURAL CHILDREN DOING SLIGHTLY BETTER THAN URBAN AND WITH LITTLE SIGNIFICANT RELATION BETWEEN SCORES AND INCOME BRACKET. AS A RESULT OF THE ANALYSIS TO DATE, THE MINISTRY OF EDUCATION HAS RADICALLY ALTERED ITS VIEW OF THE PROBLEM AND NOW PLANS TO COMPLETE ALL INCOMPLETE SCHOOLS AND NOT TO BUILD ANY IN THE FUTURE WITH LESS THAN SIX GRADES. THIS IS A MAJOR POLICY BREAKTHROUGH OF GREAT BENEFIT TO THE RURAL POOR.

VISUAL AIDS FOR NONFORMAL EDUCATION. A FIELD GUIDE TO THE PRODUCTION AND USE OF INEXPENSIVE VISUAL AIDS IN NONFORMAL EDUCATION ED-183 214

VELLA, J. K.

CORP. SOURCE- MASSACHUSETTS UNIV., AMHERST. CENTER FOR INTERNATIONAL EDUCATION. JOURNAL VOL.- U8106 REPORT DATE- 1979 PAGINATION- 47P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210. NTIS PRICES- NOT AVAILABLE NTIS

THE EFFECTIVENESS OF VISUAL AIDS IN NONFORMAL EDUCATION DEPENDS ON THEIR RELEVANCE TO THE AUDIENCE WITH WHICH THEY ARE USED, AND THIS BOOKLET PROVIDES A DISCUSSION OF VARIOUS FACTORS FOR FIELD WORKERS TO CONSIDER IN DESIGNING AND USING SIMPLE VISUAL AIDS IN DEVELOPING COUNTRIES. FOUR SPECIFIC TYPES OF VISUAL AIDS ARE DISCUSSED IN SOME DETAIL--FOUND OBJECTS, CHARTS, PICTURES, AND MODELS--AND SUGGESTIONS ARE OFFERED FOR PRODUCING THESE FOUR PROTOTYPES. USES FOR SUCH INEXPENSIVE MATERIALS AS NEWSPRINT, MASKING TAPE, AND FELT PENS ARE INDICATED, AND FOUR BOOKS PROVIDING ADDITIONAL INFORMATION ON THE DESIGN AND PRODUCTION OF VISUAL AIDS ARE LISTED.

PARTICIPATORY MEDIA. ED-181 896

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC., WASHINGTON, DC. CLEARINGHOUSE ON DEVELOPMENT COMMUNICATION. JOURNAL VOL.- U8104 REPORT DATE- OCT 79 PAGINATION- 18P AVAIL. NOTE- N28 OCT 1979. NTIS PRICES- NOT AVAILABLE NTIS

THE FIRST ARTICLE IN THIS REPORT EMPHASIZES THE IMPORTANCE OF USER PARTICIPATION AT THE PLANNING, DECISION-MAKING, AND PRODUCTION LEVELS OF SMALL-SCALE INSTRUCTIONAL DEVELOPMENT IN DEVELOPING NATIONS. FOUR SUBSEQUENT ARTICLES ALSO CENTERED AROUND USER PARTICIPATION IN THIRD WORLD INSTRUCTIONAL DEVELOPMENT DISCUSS FOLK THEATER AS EFFECTIVE 2-WAY COMMUNICATION FOR NON-FORMAL EDUCATION IN AFRICAN VILLAGES, COLLABORATION BETWEEN GRASSROOT APPROPRIATE TECHNOLOGY (AT) DEVELOPERS USING SOLAR ENERGY TO POWER 2-WAY RADIOS IN GUATEMALA, CHILDREN'S GAMES WHICH USE THEIR SKILLS AS DEVELOPMENT PLANNERS, AND OBSERVATIONS ON COMMUNICATION

PROCESSES AND ADULT EDUCATION. OTHER ARTICLES PROVIDE A DESCRIPTION OF THE STEPS IN A BASIC PAPER MAKING PROCESS, REVIEWS OF TWO BOOKS AND TWO FILMS OF INTEREST TO COMMUNICATORS, AND A DISCUSSION OF THE REASONS FOR A PROJECT'S DEVELOPMENT COMMUNICATION FAILURE IN AN AFRICAN COUNTRY.

NON-FORMAL EDUCATION INFORMATION CENTER. PROGRAM OF STUDIES AND TECHNICAL ASSISTANCE IN NON-FORMAL EDUCATION. A REPORT OF PROGRESS AND RECOMMENDATIONS FOR THE FUTURE AND ANNUAL SUPPLEMENTS ED-180 474

CLAFFEY, J. M.

CORP. SOURCE- MICHIGAN STATE UNIV., EAST LANSING. INST. FOR INTERNATIONAL STUDIES IN EDUCATION. JOURNAL VOL.- U8102
REPORT DATE- 1979 PAGINATION- 156P CONT. NO.-
AID/CM/TA-C/73-22 AVAIL. NOTE- AVAILABLE FROM ERIC
DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM
INTERNATIONAL CORPORATION), ARLINGTON, VA 22210. NTIS
PRICES- NOT AVAILABLE NTIS

THIS SERIES OF PROGRESS REPORTS DOCUMENTS THE EVOLUTION AND GROWTH OF THE NON-FORMAL EDUCATION INFORMATION CENTER SINCE ITS INCEPTION IN 1974 IN TERMS OF THE PEOPLE AND ORGANIZATIONS IT SERVES, THE KINDS OF REQUESTS IT RECEIVES, AND THE SERVICES IT PROVIDES. ILLUSTRATIVE EXAMPLES OF INDIVIDUALS, ORGANIZATIONS IN ITS INTERNATIONAL NETWORK, AND REQUESTS ARE USED THROUGHOUT THE REPORTS. OBSERVATIONS AND CHARACTERISTICS OF GENERAL AND SPECIAL TASK REQUESTS IN THE FIRST PROGRESS REPORT ARE EVALUATED THROUGH TREND ANALYSES IN THE 1977 AND 1978 ANNUAL SUPPLEMENTS. TABLES INDICATE NETWORK DISTRIBUTION BY REGION AND ORGANIZATIONAL AFFILIATION. EMPHASIZED IS THE INCREASING SYNERGISTIC PARTICIPATION WITHIN THE NETWORK, A TREND SUPPORTED BY NFE IN ORDER TO INCREASE THE AWARENESS OF, AND OPPORTUNITIES FOR, THE EXCHANGE OF IDEAS AND PRACTICES AMONG PEOPLE IN ALL FACETS OF DEVELOPMENT WORK. APPENDICES TO THE FIRST PROGRESS REPORT LIST ORGANIZATIONS WITHIN THE NFE NETWORK, PRESENT THE 2-PAGE NFE INFORMATION CENTER BROCHURE, AND PROVIDE EXAMPLES OF USER CORRESPONDENCE. PROGRESS REPORT SUPPLEMENTS FOR 1977 AND 1978 INCLUDE ALTERNATIVES FOR FUTURE COURSES OF ACTION.

JOURNALS AND NEWSLETTERS ON NON-FORMAL EDUCATION AND
DEVELOPMENT: A SELECT ANNOTATED BIBLIOGRAPHY. ED-180 468

SCHLUETER, L. C. FRITZ, J.

CORP. SOURCE- MICHIGAN STATE UNIV., EAST LANSING. INST. FOR
INTERNATIONAL STUDIES IN EDUCATION. JOURNAL VOL.- U8102
DESCRIP. NOTE- OCCASIONAL PAPER NO. 5 REPORT DATE- 1979
PAGINATION- 42P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL
CORPORATION), ARLINGTON, VA. 22210. NTIS PRICES- NOT
AVAILABLE NTIS

THIS COLLECTION OF 238 JOURNALS AND NEWSLETTERS WAS PREPARED
BY THE NON FORMAL EDUCATION INFORMATION CENTER TO PROVIDE
INFORMATION RESOURCES FOR DEVELOPMENT PLANNERS AND
PRACTITIONERS, PRINCIPALLY IN DEVELOPING NATIONS.
ANNOTATIONS ARE IN ENGLISH, BUT SOME SOURCES LISTED ARE
WRITTEN IN FRENCH, SPANISH, PORTUGUESE, HINDI, GERMAN,
ARABIC, INDONESIAN, OR SWAHILI. TOPICS COVERED ARE HEALTH,
NUTRITION, AGRICULTURE, TECHNOLOGICAL DEVELOPMENT, CAREERS
FOR WOMEN, HOUSING, VOCATIONAL TRAINING, LITERACY,
ENVIRONMENTAL CONCERNS, ADULT EDUCATION, AND FAMILY
PLANNING. INCLUDED ARE REPORTS OF PROJECTS, RESEARCH,
WORKSHOPS, AND TRAINING PROGRAMS, AND GUIDES FOR DEVELOPMENT
PRACTITIONERS. LISTINGS GIVE FULL ADDRESSES OF INFORMATION
SOURCES. THE FINAL SECTION OF THE BIBLIOGRAPHY LISTS 54
ADDITIONAL NEWSLETTERS AND JOURNALS IN THE NON-FORMAL
EDUCATION INFORMATION CENTER.

GENERAL ASPECTS OF A MANPOWER DEVELOPMENT PROGRAMME.
AED-CONF-77-498-007

CALORI, F. GOODMAN, E. I.

CORP. SOURCE- INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA
(AUSTRIA). JOURNAL VOL.- U8023 10900 REPORT DATE- 1977
PACINATION- 16P REPORT NO.- CONF-7709147-65 AVAIL.
NOTE- U.S. SALES ONLY. NTIS PRICES- PC A02/MF A01

A MANPOWER DEVELOPMENT PROGRAM AS A LONG TERM PROGRAM FOR
DEVELOPING COUNTRIES, REQUIREMENTS BASED ON OBJECTIVES,
ORGANIZATIONS AND ROLES, A UTILITY PROGRAM, THE LEVEL OF
DOMESTIC INVOLVEMENT, THE METHODOLOGY OF A MANPOWER
DEVELOPMENT PROGRAM AND THE IDENTIFICATION OF REQUIREMENTS

ARE TREATED. (ATOMINDEX CITATION 09:384103)

RESOURCE SHARING IN PROFESSIONAL EDUCATION FOR
LIBRARIANSHIP: AN INTERNATIONAL APPROACH ED-176 761

REID-SMITH, E. R.

JOURNAL VOL.- U8022 REPORT DATE- SEP 77 PAGINATION-
11P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL
CORPORATION), ARLINGTON, VA. 22210. NTIS PRICES- NOT
AVAILABLE NTIS

THE DEVELOPMENT OF PROFESSIONAL EDUCATION IN LIBRARIANSHIP
IS REVIEWED FROM THE NATIONAL PATTERN CONFORMING TO THE
GENERAL SYSTEM IN EACH COUNTRY, THROUGH THE UNILATERAL
(PATERNALISTIC) INTERNATIONALISM IN LIBRARIANSHIP DUE TO
COLONIALISM AND THE EMERGENCE OF A NEW PROFESSIONAL
NATIONALISM, TO THE OPPORTUNITIES OFFERED BY THE GROWTH OF
SUCH MULTILATERAL INTERNATIONAL BODIES AS UNESCO, COMLA, AND
IFLA. IT IS PROPOSED THAT UNESCO/IFLA ORGANIZE A SCHEME OF
INTERNATIONAL COOPERATION IN EDUCATION FOR LIBRARIANSHIP IN
ORDER TO ENSURE WIDER UTILIZATION OF RESOURCES. TELETUITION,
STAFF EXCHANGES, AND SHARING OF EDUCATIONAL SOFTWARE ARE
SOME METHODS SUGGESTED.

PROGRAM PLANNING ASSISTANCE. FIRST YEAR REPORT ON CONTRACT
NIRT 1. ASSISTANCE IN TELECOMMUNICATIONS PLANNING. VOLUME 1
ED-175 438

LUSIGNAN, F. B.

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THIS REPORT DOCUMENTS THE DEVELOPMENT OF EDUCATIONAL
TELEVISION (ETV) AND A SATELLITE COMMUNICATION SYSTEM
DESIGNED TO SERVE THE EDUCATIONAL AND COMMUNICATION NEEDS OF
IRAN. AN OVERVIEW DESCRIPTION OF AN ETV SYSTEM FOR IRAN AND
ASSESSMENT OF ITS IMPORTANCE FOR IRAN'S DEVELOPMENT IS

FOLLOWED BY ESTIMATES OF THE MANPOWER NEEDS OF THE COUNTRY IN TERMS OF SUPPORTING THE ECONOMIC GROWTH POSSIBLE WITH PROJECTED OIL REVENUES. SEVEN CASE STUDIES (SIX IN THE U.S. AND ONE IN BRITAIN) OF ETV USE WITH ADULT STUDENTS ARE EXAMINED, SHOWING THAT MORE STUDENTS CAN BE REACHED USING ETV THAN TO SHOW HOW ETV CAN MAKE IT POSSIBLE TO MEET IRAN'S ENORMOUS MANPOWER NEEDS. THE DESIGN AND PRODUCTION PROCEDURES OF EXISTING ETV ACTIVITIES ARE REVIEWED, AND THE GEOGRAPHIC, DEMOGRAPHIC, SOCIAL, AND CULTURAL CHARACTERISTICS OF RURAL IRAN ARE EXAMINED IN AN ASSESSMENT OF HOW ETV CAN PLAY A ROLE. FINALLY, SEVERAL AREAS OF CONCERN WHERE BETTER UNDERSTANDING IS NEEDED OF HOW ETV CAN BE EFFECTIVELY APPLIED ARE IDENTIFIED, TAKING INTO ACCOUNT ITS CULTURE AND LEVEL OF DEVELOPMENT.

VISITS TO TWENTY-THREE VILLAGES TO DETERMINE THE IMPACT OF THE WATER SERIES PRODUCED BY THE OUT-OF-SCHOOL TV DEPARTMENT
ED-172 760

GRANT, S. SEYA, P. T.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8012 REPORT DATE- 1975
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DATA FOR THIS ANALYSIS OF THE REACTIONS OF ANIMATORS (FACILITATORS) AND VILLAGERS TO A SERIES OF OUT OF SCHOOL TELEVISION (OSTV--TELE PCUR TOUS) BROADCASTS WERE COLLECTED THROUGH TAPED DISCUSSIONS WITH GROUPS OF VILLAGERS IN THEIR NATIVE DIALECTS AND SEPARATE INTERVIEWS WITH ANIMATORS. DESIGNED TO SUPPLEMENT DATA OBTAINED THROUGH QUESTIONNAIRES. THIS STUDY FOCUSED ON THOSE ASPECTS OF OSTV ANIMATION AND IMPACT WHICH ARE DIFFICULT TO ASSESS THROUGH THE WRITTEN WORD, AND OBTAINED INFORMATION DIRECTLY FROM THE VILLAGERS. ADDITIONAL OBJECTIVES INCLUDED REINFORCING TIES CREATED BY THE ESTABLISHMENT OF THE OBSERVER NETWORK, PROVIDING FIELD RESEARCH EXPERIENCE FOR THREE IVORIAN GRADUATE STUDENTS, VERIFYING THAT REPORTED DECISIONS OR ACTIONS HAD BEEN TAKEN AS A RESULT OF OSTV PROGRAMS, AND DETERMINING IF THE WATER SITUATION HAS IMPROVED SINCE THE SHOWING OF THE PROGRAM SERIES ON THAT TOPIC.

VIDEO & MICRO-TEACHING: ADAPTABLE MEDIUM ADAPTABLE METHOD.
ED-172 759

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. CLEARINGHOUSE ON DEVELOPMENT COMMUNICATION.
JOURNAL VOL.- U8012 REPORT DATE- JAN 79 PAGINATION-
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THE TITLE REFLECTS THE FIRST AND MAJOR ARTICLE IN AN ISSUE
OF THIS NEWSLETTER DEVOTED HEAVILY TO VIDEO TECHNOLOGY. THE
FLEXIBLE CAPABILITIES OF VIDEOTAPE USED WITH MICROTEACHING
ARE PRESENTED AND ILLUSTRATED WITH CASE STUDIES OF CHILDHOOD
EDUCATION AND RURAL HEALTH DEVELOPMENT PROGRAMS IN NIGERIA,
IMPROVEMENT OF NURSES' COMMUNICATION SKILLS, AND DEVELOPMENT
OF EXECUTIVES' HELPING SKILLS. OTHER ARTICLES INCLUDE A
COMPARISON OF ADVANTAGES AND DISADVANTAGES OF VIDEOTAPE
VERSUS FILM, A CASE STUDY OF THE TRAINING OF MANAGERS OF
NEWLY ESTABLISHED FARM COOPERATIVES IN PERU, AN INTERVIEW ON
THE BACKGROUND AND GOALS OF THE MAURITIUS COLLEGE OF THE
AIR, SUGGESTIONS FOR APPROPRIATE RESEARCH FOR EDUCATIONAL
TECHNOLOGY IN DEVELOPING COUNTRIES, HYPOTHESES AND
SUGGESTIONS FOR RESEARCH ON TELEVISION BROADCASTING FOR
RURAL COMMUNITY DEVELOPMENT, AND A TRAINING STRATEGY FOR
WOMEN-TO-WOMEN DEVELOPMENT AND COMMUNICATION NETWORKS IN
THIRD WORLD COUNTRIES.

TELEVISION FOR THE RURAL AFRICAN VILLAGE: STUDIES OF
AUDIENCES AND IMPACT IN THE IVORY COAST ED-172 758

SEYA, P. T. YAO, F. K.

CORP. SOURCE- STANFORD UNIV., CA. INST. FOR COMMUNICATION
RESEARCH. JOURNAL VOL.- U8012 REPORT DATE- OCT 77
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THE TWO SURVEYS DESCRIBED IN THIS REPORT WERE CONDUCTED FOR
THE OUT OF SCHOOL TELEVISION (OSTV) UNIT IN ORDER TO LEARN
MORE ABOUT THE CONTEXT IN WHICH ITS SERIES OF WEEKLY

PROGRAMS FOR RURAL ADULTS (TELE POUR TOUS OR TELEVISION FOR EVERYBODY--TVE) OPERATES, AND TO STUDY AUDIENCE REACTIONS TO A SPECIFIC SERIES. INDIVIDUAL INTERVIEWS WITH SELECTED VILLAGERS IN 30 VILLAGES PROVIDED DATA ON PATTERNS OF MASS MEDIA USE FOR THE FIRST STUDY, WHICH PROBED SUCH AREAS AS RADIO OWNERSHIP, RADIO ACCESS, CONTENT OF RADIO LISTENING, AND INFORMATION CHANNELS, TELEVISION, AND NEWSPAPERS AND PRINTED MATERIAL IN THE CONTEXT OF VILLAGE LIFE. THE SECOND STUDY FOCUSED ON THE IMPACT OF THE TVE SERIES ON RURAL HOUSING, AND ANIMATORS IN 11 VILLAGES EACH INTERVIEWED 15 VILLAGERS WHO HAD SEEN ALL OF THE PROGRAMS.

TELE POUR TOUS IN RURAL IVORY COAST: AUDIENCE IMPACT PERCEPTIONS: REPORT OF TWO SURVEYS CONDUCTED IN JANUARY AND APRIL 1977 ED-172 757

ETAIX, M. LENGLET, F.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC., WASHINGTON, DC. JOURNAL VOL.- U8012 REPORT DATE- NOV 77 PAGINATION- 255P CONT. NO.- AID/AFR-C-1158 AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA. 22210. NTIS PRICES- NOT AVAILABLE NTIS

THIS REPORT PRESENTS THE RESULTS OF TWO SURVEYS CONDUCTED IN JANUARY AND APRIL 1977 IN THE IVORY COAST TO ASSESS THE IMPACT OF THE 'TELE POUR TOUS' PROGRAMS ON RURAL AUDIENCES IN TERMS OF AWARENESS, LEARNING, AND ACTION. DESCRIPTIONS OF THE SOCIO-ECONOMIC CHARACTERISTICS OF THE AUDIENCE AND THEIR VIEWING PATTERNS WERE SOUGHT, AND ATTEMPTS WERE MADE TO DETERMINE THE ATTITUDES OF THE AUDIENCE CONCERNING 'TELE POUR TOUS' AND TO EXPLORE OPINIONS ABOUT THE BENEFITS AND BENEFICIARIES OF THE PROGRAMS. EIGHT CONCLUSIONS DRAWN SUGGEST THAT THE IVORIAN OUT-OF-SCHOOL EDUCATIONAL TELEVISION PROJECT WORKS, THOUGH MINIMALLY AND INEFFICIENTLY--HOWEVER THE REACH AND EFFECT OF THE PROGRAMS COULD BE IMPROVED BY MODIFYING THEIR FORM, CONTENT AND RECEPTION. APPENDICES INCLUDE THE QUESTIONNAIRES (IN FRENCH), STATISTICAL DATA, AND A LIST OF PROGRAMS BROADCAST.

SECONDARY SCHOOL ALTERNATIVES IN THE IVORY COAST:
CONSIDERATIONS ED-172 755

MCANANY, E. G.

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INTENDED TO PROVIDE INFORMATION FOR IVORIAN DECISION MAKERS,
THIS PAPER PRESENTS AN OVERVIEW OF TECHNOLOGICAL
ALTERNATIVES FOR THE DELIVERY OF INSTRUCTION AT THE
POST-PRIMARY LEVEL AND THEIR ACCOMPANYING COSTS. FIVE
ALTERNATIVES FOR REGULAR SECONDARY EDUCATION AS IT NOW
EXISTS IN THE IVORY COAST ARE REVIEWED: TRADITIONAL,
AUDIOVISUAL-TRADITIONAL, INSTRUCTIONAL TELEVISION (ITV), ITV
EXTENSION OF THE SCHOOL (MEXICAN MODEL), AND DISTANCE
LEARNING. USES OF MEDIA IN TWO APPROACHES TO TERMINAL
EDUCATION AND TRAINING PROGRAMS ARE SUGGESTED, AND THE
TELESECUNDARIA SYSTEM IN MEXICO IS DESCRIBED IN DETAIL.
DISTANCE LEARNING IN ADULT FORMAL/NONFORMAL EDUCATION IS
ALSO DISCUSSED AS A MEANS OF PROVIDING INSTRUCTION FOR
ADULTS (16 AND OVER) WHO HAVE FINISHED PRIMARY OR DROP OUT
OF SECONDARY, AND WHO WISH TO COMPLETE THE FIRST CYCLE OF
SECONDARY, AS WELL AS FOR NONFORMAL EDUCATION OR VOCATIONAL
TRAINING. EXAMPLES FROM OTHER DEVELOPING NATIONS ARE CITED,
AND THE VIABILITY OF THIS ALTERNATIVE FOR THE IVORY COAST IS
DISCUSSED. A LIST OF REFERENCES IS ATTACHED.

RURAL ADULT EDUCATION AND THE ROLE OF MASS MEDIA: A
COMPARATIVE ANALYSIS OF FOUR PROJECTS ED-172 754

LENGLET, F. MCANANY, E. G.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8012 REPORT DATE- AUG
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RURAL ADULT EDUCATION PROJECTS USING TELEVISION IN TANZANIA,
THE IVORY COAST, DOMINICAN REPUBLIC, AND GUATEMALA ARE
DESCRIBED AND COMPARED WITH SPECIAL ATTENTION GIVEN TO
OBJECTIVES, ORGANIZATION, SELECTION AND RECRUITMENT OF
SUPERVISORS, MONITORS AND PARTICIPANTS, USE OF COMMUNICATION
MEDIA, FEEDBACK AND EVALUATION SYSTEMS IMPACT, AND
CONSTRAINTS. THE DOMINICAN REPUBLIC'S RADIO SCHOOLS OF SANTA
MARIA (RSM) IS JUDGED MOST SUCCESSFUL IN TERMS OF IMPACT AND
ENROLLMENT. IT IS SUGGESTED THAT RSC (RADIO STUDY CAMPAIGN)
IN TANZANIA ACTS THE MOST DIRECTLY AS A MEANS THROUGH WHICH
THE STATE INFLUENCES AND TRANSFORMS THE SOCIO-POLITICAL
CLIMATE AND ECONOMY OF THE COUNTRY IN ACCORDANCE WITH
DOMESTIC AND INTERNATIONAL POLITICAL AND ECONOMIC POWER
RELATIONS.

THE RECEPTION AND ANIMATION OF OUT-OF-SCHOOL EDUCATIONAL
TELEVISION PROGRAMS IN THE IVORY COAST: A CASE STUDY OF FOUR
VILLAGES. AN ENGLISH SUMMARY BY L. THERESA SILVERMAN.
ED-172 752

EENVENISTE, A.

CORP. SOURCE- STANFORD UNIV., CA. JOURNAL VOL.- U8012
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THIS IMPACT STUDY FOR A SERIES OF OUT OF SCHOOL TELEVISION
(OSTV--TELE POUR TOUS) BROADCASTS ON VILLAGE WATER SUPPLIES
PRESENTS A QUALITATIVE EXAMINATION OF SOME OF THE PROBLEMS
ENCOUNTERED IN THE ORGANIZATION OF VIEWING GROUPS IN FOUR

SELECTED VILLAGES. THE RESEARCH TECHNIQUES USED INCLUDED QUESTIONNAIRES AND FEEDBACK SHEETS ON DEMOGRAPHICS, THE SOCIO-POLITICAL SITUATION, AND THE RECEPTION OF EACH PROGRAM, WHICH WERE FILLED IN BY THE OFFICIAL VILLAGE OBSERVERS; ON THE SPOT OBSERVATIONS OF THE VIEWING GROUPS; AND INDIVIDUAL INTERVIEWS WITH VILLAGERS. IN TWO VILLAGES, THREE SUCCESSIVE BROADCASTS WERE DIRECTLY OBSERVED AND THE ENSUING DISCUSSION WAS TAPE RECORDED.

POST-PRIMARY OPTIONS IN THE IVORY COAST ED-172 750

DANIERE, A. ORIVEL, F.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC., WASHINGTON, DC. JOURNAL VOL.- U8012 REPORT DATE- JUL 77 PAGINATION- 193P CONT. NO.- AID/AFR-C-1158 AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA. 22210. NTIS PRICES- NOT AVAILAELE NTIS

DESIGNED TO PROVIDE INFORMATION FOR DECISION-MAKING BY IVORIAN AUTHORITIES IN THE PLANNING OF POST-PRIMARY EDUCATION OVER THE COMING DECADE, THIS STUDY COMPARES THE IMPLICATIONS OF ALTERNATIVE POLICIES OR SCENARIOS IN TERMS OF SOCIAL IMPACT. CHANNELS ARE ASSUMED OPEN TO STUDENTS UNDER ALL SCENARIOS-SECONDARY EDUCATION, WITH THE PRESENT STRUCTURE OF A SELECTIVE FIRST CYCLE OF GENERAL STUDIES LEADING EITHER TO THE LABOR MARKET OR TO FURTHER EDUCATION; AND COMPLEMENTARY EDUCATION, A NEW CHANNEL WHICH INCORPORATES GENERAL EDUCATION AND WORK ORIENTATION COMPONENTS, WITH A HIGH DEGREE OF FLEXIBILITY IN RESPONSE TO THE PREPARATION AND NEEDS OF INDIVIDUAL STUDENTS. EACH SCENARIO IS DESCRIBED BY THE CHOICE OF A PARTICULAR OPTION IN EACH OF THE SEVEN RELEVANT AREAS OF DECISION IDENTIFIED; THESE AREAS FALL INTO THREE CATEGORIES--SPECIFICATION OF ALTERNATIVE CHANNELS OF POST-PRIMARY EDUCATION, OPTIONS AFFECTING STUDENT FLOW, AND OPTIONS AFFECTING THE EFFICIENCY (AND COST) OF PROVIDING POST-PRIMARY EDUCATION. APPENDICES PROVIDE ADDITIONAL DATA DISPLAYS AND AN OUTLINE OF SELECTED TECHNOLOGICAL ALTERNATIVES.

ON NEEDS ASSESSMENT OF OUT-OF-SCHOOL EDUCATIONAL TELEVISION
IN THE IVORY COAST ED-172 746

GRANT. S.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8012 REPORT DATE- 1978
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SIX NEEDS ASSESSMENT STUDIES ARE SUMMARIZED FROM THE POINT
OF VIEW OF RURAL NEEDS, THE MEDIA AND INFORMATION SYSTEM,
THE EDUCATIONAL SITUATION, AND EXPRESSED WISHES ON THE PART
OF SPECTATORS FOR TV PROGRAM TOPICS IN THE IVORY COAST. THE
SIX STUDIES INCLUDED WERE: (1) ETHNO-SOCIOLOGY INSTITUTE
STUDY, 1974; (2) EVALUATION SERVICE STUDY A, 1975; (3)
EVALUATION SERVICE STUDY B, 1975; (4) OUT OF SCHOOL
DEPARTMENT STUDY, 1975; (5) WORLD BANK STUDY, 1976; AND (6)
EVALUATION SERVICE STUDY, 1977. FOLLOWING THE SUMMARY OF
STUDIES ARE CONCLUSIONS DRAWN AND RECOMMENDATIONS WHICH
ENCOURAGE ON-GOING NEEDS ASSESSMENT, SEEN TO ACHIEVE SEVERAL
ADVANTAGES. CONCRETE MEANS OF IMPROVING FUTURE DATA
COLLECTION AND APPLYING RESULTS ALREADY OBTAINED ARE
SUGGESTED.

LABOR MARKETS AND THE SOCIAL DEMAND FOR EDUCATION: AN
ANALYSIS OF THE IVORY COAST ED-172 743

WELLS. S.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8012 REPORT DATE- MAR
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THIS PAPER ANALYZES THE RELATIONSHIP BETWEEN EXISTING
SECONDARY AND TECHNICAL SCHOOLS AND EMPLOYMENT IN THE MODERN
PRIVATE SECTOR OF THE IVORY COAST. ENROLLMENTS IN SECONDARY
AND TECHNICAL SCHOOLS ARE EXAMINED, AND THE SOCIAL DEMAND
FOR EDUCATION, CHARACTERISTICS OF THE IVORIAN LABOR MARKET,
AND THE MATCHING OF LABOR SUPPLY AND DEMAND ARE DISCUSSED.

IT IS SUGGESTED THAT TRAINING SHOULD BE DIRECTED TOWARD THOSE JOB CATEGORIES WITH LARGE SHORTAGES, AND THAT AN EXPANSION OF THE TECHNICAL SCHOOL SYSTEM WOULD HELP REDUCE A PREDICTED SHORTAGE OF QUALIFIED EMPLOYEES.

THE IMPACT OF 25 TELEVISION PROGRAMS ON 'WATER' PRODUCED AND BROADCAST BY THE IVORIAN OUT-OF-SCHOOL EDUCATION PROJECT
ED-172 742

LENGLET, F.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8012 REPORT DATE- 1976
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VA. 22210. NTIS PRICES- NOT AVAILABLE NTIS

THE STUDY DESCRIBED EVALUATED THE REACH AND IMPACT OF 25 TELE POUR TOUS (TELEVISION FOR EVERYBODY) PROGRAMS ON WATER AND RELATED ISSUES WHICH WERE BROADCAST BY THE IVORIAN OUT OF SCHOOL TELEVISION (OSTV) PROJECT IN APRIL-DECEMBER 1975. THIS REPORT DISCUSSES THE RELEVANCE OF THE TOPIC AS A THEME FOR AN ADULT EDUCATION TV PROGRAM SERIES, DESCRIBES AND ANALYZES THE DEVELOPMENT OF THE TWO SERIES OF BROADCASTS AND ONE INDIVIDUAL BROADCAST, AND EXPLAINS THE RESEARCH DESIGN AND METHODOLOGY WHICH PROVIDED THE DATA TO MAKE AN ASSESSMENT OF THE IMPACT OF THE TV PROGRAMS IN TERMS OF AWARENESS, LEARNING AND BEHAVIOR, OR ACTION.

ETV PROGRAM PRODUCTION IN THE IVORY COAST ED-172 739

EVANS, S. KLEES, S.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8012 REPORT DATE- AUG
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VA. 22210. NTIS PRICES- NOT AVAILABLE NTIS

THE EFFICIENCY OF EDUCATIONAL BROADCASTING IN THE IVORY
COAST IS ASSESSED FROM THE STANDPOINT OF WHAT AND HOW
PHYSICAL AND HUMAN RESOURCES ARE UTILIZED. INFORMATION WAS
OBTAINED BY REVIEWING THE LARGE VOLUME OF DOCUMENTS THAT
HAVE BEEN PUBLISHED ABOUT THE PROJECT AND THROUGH
INTERVIEWING PERSONNEL INVOLVED IN ITS MANAGEMENT AND
OPERATION. THE GENERAL ORGANIZATION OF THE EDUCATIONAL
TELEVISION COMPLEX IN BOUAKE, THE COSTS OF THE PRODUCTION
SYSTEM, AND THE PROCESS BY WHICH PROGRAMS ARE PRODUCED ARE
DESCRIBED AS IS INTERACTION IN PRODUCTION AMONG THE
PRODUCER, THE PRINTED SUPPORT MATERIALS WRITER, AND THE
DIRECTOR. ALSO DETAILED IN THE REPORT ARE THE ORGANIZATIONAL
STRUCTURE AND UTILIZATION OF RESOURCES, FEEDBACK AND
EVALUATION MECHANISMS AND CHANGE FROM FILM TO VIDEOTAPE
PRODUCTION. APPENDICES INCLUDE A GLOSSARY OF ACRONYMS, AND A
LIST OF PRODUCTION PROBLEMS AND SOLUTIONS RECOMMENDED.

ECONOMIC STUDIES AND OUT-OF-SCHOOL EDUCATION PROGRAM
EVALUATION FOR THE IVORY COAST. ED-172 737

GRANT, S.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. JOURNAL VOL.- U8012 DESCIP. NOTE-
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THIS REPORT IS A FINAL ONE IN A SERIES OF 17 REPORTS
CONCERNED WITH COSTS ANALYSIS/PROJECTIONS OF THE
INSTRUCTIONAL TELEVISION PROGRAM AND THE OUT OF SCHOOL
TELEVISION (OSTV) PROJECT IN THE IVORY COAST. IT INCLUDES AN

INTRODUCTION TO THE OSTV PROJECT AFTER ITS FIRST FIVE YEARS OF EXISTENCE, A DESCRIPTION OF THE MAIN ELEMENTS OF THE IN-SCHOOL REFORM, AN OUTLINE OF THE PROGRESSION OF OSTV OBJECTIVES, EXAMPLES OF THE SUBJECT MATTER COVERED IN OSTV BROADCASTS (TELE POUR TOUS), AND AN EXPLANATION OF THE ROLE OF THE PRIMARY SCHOOL TEACHERS SERVING AS ANIMATORS FOR OSTV. RECOMMENDATIONS FOR ACTION ARE PRESENTED FOR EACH LEVEL, WITH THE OSTV RECOMMENDATIONS CATEGORIZED BY ORDER OF MAGNITUDE: THOSE DESIGNED TO IMPROVE OPERATIONS AND IMPACT WITHOUT INCURRING ANY SIZEABLE FURTHER RESOURCES, THOSE WHICH REQUIRE A SIGNIFICANT INCREASE IN RESOURCES, AND THOSE WHICH DEMAND HIGHER DECISIONS AND A GREATER COMMITMENT BY THE GOVERNMENT. A BIBLIOGRAPHY OF PROJECT AND RELATED REPORTS INCLUDES SOME TITLES IN FRENCH.

COST ANALYSIS OF THE PRIMARY INSTRUCTIONAL TELEVISION PROGRAM IN THE IVORY COAST ED-172 735

EICHER, J. ORIVEL, F.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC., WASHINGTON, DC. JOURNAL VOL.- U8012 REPORT DATE- 1977 PAGINATION- 114P CONT. NO.- AID/AFR-C-1158 AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRDUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA. 22210. NTIS PRICES- NOT AVAILABLE NTIS

THIS STUDY OF THE COSTS OF EDUCATIONAL REFORM UNDERTAKEN IN THE IVORY COAST IN 1971 FOCUSES ON THE PRIMARY EDUCATION LEVEL (CHILDREN AGED 7-12). DESIGNED TO ENSURE THAT 100 PERCENT OF THE PRIMARY SCHOOL-AGE CHILDREN RECEIVE AN EDUCATION AND TO ADAPT THE CONTENT OF THAT EDUCATION TO THE CHARACTERISTICS AND NEEDS OF IVORIANS, THIS REFORM ENTAILED THE INTRODUCTION OF TELEVISION IN THE CLASSROOM, THE ESTABLISHMENT OF A SYSTEM OF PRINTED SUPPORT MATERIALS, AND A REORGANIZATION IN TEACHER TRAINING. A COMPARISON OF CURRENT FINDINGS WITH THOSE OF AN EARLIER STUDY FOR THE SAME PERIOD, GENERAL CONCLUSIONS, AND EIGHT RECOMMENDATIONS CONCLUDE THE REPORT.

COST ANALYSIS OF NON-FORMAL ETV SYSTEMS: A CASE STUDY OF THE
'EXTRA-SCOLAIRE' SYSTEM IN THE IVORY COAST ED-172 734

KLEES, S. J.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
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BUILDING ON PREVIOUS EVALUATIONS OF THE ETV SYSTEMS--BOTH
FORMAL AND INFORMAL--OF THE IVORY COAST, THIS STUDY EXAMINES
THE SYSTEM COSTS OF THE 'EXTRA SCOLAIRE' (E/S) PROGRAM FOR
RURAL ADULTS. EDUCATIONAL TELEVISION IS UTILIZED THROUGH THE
IVORIAN PRIMARY SYSTEM, AND BATTERY OPERATED TELEVISIONS
HAVE BEEN WIDELY DISTRIBUTED TO SCHOOLS IN RURAL REGIONS. AN
'ANIMATEUR,' USUALLY A MALE PRIMARY SCHOOL TEACHER, IS
CHARGED WITH PUBLICIZING THE TPT (TELE POUR TOUS) BROADCAST,
SHOWING THE PROGRAM, AND FOSTERING POST-BROADCAST
DISCUSSION. THIS REPORT PROVIDES A DESCRIPTION OF THE E/S
STRUCTURE AND THE CONTEXT IN WHICH IT OPERATES; SPECIFIC
ESTIMATIONS OF THE YEARLY COSTS OF THE VARIOUS SYSTEM
COMPONENTS--ADMINISTRATION, PROGRAM PRODUCTION, PROGRAM
TRANSMISSION, SUPPORT MATERIALS PRODUCTION AND DISTRIBUTION,
PROGRAM RECEPTION, AND SYSTEM EVALUATION. APPENDICES PROVIDE
EXAMPLES OF RESULTS OF PREVIOUS EVALUATIONS, AND A LIST OF
REFERENCES IS INCLUDED.

COMMUNICATION SATELLITES: EXPERIMENTAL & OPERATIONAL
COMMERCIAL & PUBLIC SERVICE. ED-172 733

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. CLEARINGHOUSE ON DEVELOPMENT COMMUNICATION.
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THE TITLE REFLECTS THE FIRST AND MAJOR ARTICLE IN AN ISSUE
OF THIS NEWSLETTER DEVOTED ENTIRELY TO COMMUNICATION
SATELLITES. THIS SERIES OF ARTICLES ON THE POTENTIAL AND
APPLICATIONS OF COMMUNICATION SATELLITES IN DEVELOPMENT

PROJECTS IS CONCERNED WITH THEIR DEVELOPMENT FOR COMMERCIAL AND PUBLIC SERVICE, DEVELOPMENT IN THE PACIFIC REGION, SPACECOM AND THIRD WORLD TELECOMMUNICATIONS, A CANADIAN EXPERIENCE WITH APPLICATIONS FOR PUBLIC SERVICE, SATELLITE INSTRUCTIONAL TELEVISION IN ALASKA, DEMONSTRATIONS IN RURAL DEVELOPMENT, RURAL COMMUNICATIONS FOR SOCIAL SERVICES IN PERU, PITFALLS OF SATELLITE PROJECTS, AND SPACE INFORMATION STATIONS. OTHER ARTICLES INCLUDE A DISCUSSION OF SOME GENERAL CONCERNS IN THE PRODUCTION AND USE OF FILMS IN DEVELOPMENT EDUCATION AND THE ROLE OF VIDEO IN DEVELOPMENT PROJECTS.

AN ADMINISTRATIVE HISTORY OF OUT-OF-SCHOOL EDUCATIONAL TELEVISION IN THE IVORY COAST ED-172 730

GRANT, S.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC., WASHINGTON, DC. JOURNAL VOL.- U8012 REPORT DATE- DEC 77 PAGINATION- 104P CONT. NO.- AID/AFR-C-1158 AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA. 22210. NTIS PRICES- NOT AVAILABLE NTIS

THIS REPORT DESCRIBES THE BASIC ORGANIZATION, MANAGEMENT AND EVOLUTION OF THE DEPARTMENT PRODUCING 'TELE POUR TOUS,' THE FIRST ATTEMPT TO USE NATIONAL TELEVISION IN THE IVORY COAST TO BRING EDUCATIONAL AND INFORMATIONAL PROGRAMS TO A NON-SCHOOL ADULT, RURAL PUBLIC. THE DEPARTMENT'S TASK WAS (1) TO PRODUCE TV PROGRAMS, (2) TO TRAIN AND SUPERVISE TV ANIMATORS, AND (3) TO STIMULATE INTEREST IN AND VIEWING OF ITS PRODUCT. DISCUSSED IN THE REPORT ARE THE DECISION-ORIENTED METHODOLOGY OF THE STUDY; BASIC BACKGROUND INFORMATION ON THE PROJECT INCLUDING TARGET AUDIENCES, PROGRAM OBJECTIVES, AND POLICIES; DETAILED EXAMINATION OF SIX KEY FEATURES OF THE PROGRAM; A COMPARISON OF THE NATIONAL PLAN FOR OUT-OF-SCHOOL EDUCATION WITH THE NEW DIRECTIONS OF THE OUT-OF-SCHOOL DEPARTMENT, AND AN ANALYSIS OF HOW THE PROGRAM FITS IN THE CONTEXT OF NATIONAL PLANNING STRATEGIES.

GUNTER, J. F.

CORP. SOURCE- MASSACHUSETTS UNIV., AMHERST. CENTER FOR INTERNATIONAL EDUCATION. JOURNAL VOL.- U8011 REPORT DATE- 1975 PAGINATION- 296P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210. ALSO AVAILAELE FROM CENTER FOR INTERNATIONAL EDUCATION, HILLS SOUTH, MASSACHUSETTS UNIV., AMHERST, MA. 01002. NTIS PRICES- NOT AVAILABLE NTIS

THIS STUDY DEVELOPS GUIDELINES FOR THE USE OF TELEVISION IN NONFORMAL EDUCATION IN DEVELOPING COUNTRIES. ITS RECOMMENDATIONS ARE BASED ON ANALYSIS OF THREE CASES OF TELEVISION USAGE: IN THE FORMAL EDUCATIONAL SYSTEM IN EL SALVADOR, COMMUNITY DEVELOPMENT IN VILLAGE ALASKA, AND IN NONFORMAL EDUCATION FOR PARENTHOOD IN BUGOTA, COLOMBIA. A SELECTIVE REVIEW OF THE LITERATURE ON NONFORMAL EDUCATION IS FOLLOWED BY DISCUSSION OF THREE BASIC BUT CONFLICTING APPROACHES FOR THE SELECTION OF GOALS, OBJECTIVES, AND METHODS. A LIST OF DIMENSIONS IS DEVELOPED ALONG WHICH EDUCATIONAL TELEVISION VARIES, INCLUDING PROJECT CONTEXT AND APPROACH, SOFTWARE, AND HARDWARE. THE THREE CASE STUDIES PRESENTED REPRESENT A PROGRESSION IN TIME AND IN PHILOSOPHICAL DIGRESSION FROM THE TRADITIONAL CONCEPT OF EDUCATIONAL TELEVISION. A LIST OF TENTATIVE GUIDELINES IS SUBMITTED AS A MODEL FOR THE CONSIDERATION OF DESIGNERS OF SUBSEQUENT TELEVISION PROJECTS FOR NONFORMAL EDUCATION.

VULGARISATION AGRICOLE ET MENAGERE: METHODES D'ENSEIGNEMENT (EXTENSION TEACHING FOR FARM AND HOME MAKING) PB80-111610

WILSON, M. C. GALLUP, G.

CORP. SOURCE- DEPARTMENT OF AGRICULTURE EXTENSION SERVICE, WASHINGTON, DC. JOURNAL VOL.- U8002 REPORT DATE- MAY 54 PAGINATION- 150P NTIS PRICES- PC A07/MF A01

THE REPORT DISCUSSES METHODS OF EXTENSION TEACHING AND THEIR EFFICIENCY AND COST. IT INCLUDES ADVICE FOR THE INSTRUCTOR AND TEACHING AIDS.

LES CAMPAGNES DE VULGARISATION AGRICOLE (CAMPAIGNS IN
AGRICULTURAL EXTENSIONS PROGRAMS) PB60-100332

SPAVEN, J. W.

CORP. SOURCE- NATIONAL PROJECT IN AGRICULTURAL
COMMUNICATIONS, EAST LANSING, MI. JOURNAL VOL.- U8001
REPORT DATE- 1960 PAGINATION- 29P NTIS PRICES- PC
A03/MF A01

THE REPORT CONTAINS REASONS FOR AND WAYS OF LAUNCHING A
CAMPAIGN TO INCREASE AGRICULTURAL PRODUCTION PRESENTED WITH
THE AID OF ILLUSTRATIONS. FIVE MAJOR STEPS ARE OUTLINED:
CREATING A COMMITTEE, DEFINING THE OBJECTIVES, SETTING UP A
CALENDAR, ESTABLISHING A BUDGET, AND DOCUMENTATION OF THE
PLAN. PREPARATION OF A TASK FORCE TO CARRY OUT THIS PLAN,
OBTAINING OF THE NECESSARY MATERIALS, AND WAYS OF
IMPLEMENTING THE PROGRAM ARE CONSIDERED.

RADIO ADVERTISING TECHNIQUES AND NUTRITION EDUCATION: A
SUMMARY OF A FIELD EXPERIMENT IN THE PHILIPPINES AND
NICARAGUA. ED-167 121

COOKE, T. M. ROMWEBER, S. T.

CORP. SOURCE- MANOFF INTERNATIONAL, INC., WASHINGTON, D.C.
JOURNAL VOL.- U8001 DESCRIP. NOTE- FINAL REPT. REPORT
DATE- DEC 77 PAGINATION- 136P CONT. NO.- AID-TA-C-1133
AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION
SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION),
ARLINGTON, VA. 22210, PC\$7.35, MF\$0.83 PLUS POSTAGE. NTIS
PRICES- NOT AVAILABLE NTIS

INFANT AND CHILD HEALTH AND NUTRITION EDUCATION MESSAGES
PATTERNED AFTER THE REACH-AND-FREQUENCY TECHNIQUE OF
COMMERCIAL ADVERTISING WERE BROADCAST TO TARGET GROUPS OF
YOUNG MOTHERS OVER LOCAL RADIO STATIONS IN THE PHILIPPINES
AND NICARAGUA FOR ONE YEAR WITHOUT THE SUPPORT OF MORE
CONVENTIONAL EDUCATION METHODS. THE MESSAGES WERE DEVELOPED
IN CONSULTATION WITH LOCAL HEALTH AND NUTRITION AUTHORITIES,
RECORDED USING PROFESSIONAL TALENT FROM LOCAL RADIO
STATIONS, PRE-TESTED WITH REPRESENTATIVES OF THE TARGET
AUDIENCE, AND AIRED ACCORDING TO THE LISTENING HABITS OF THE
TARGET GROUPS. EVALUATION DATA WERE GATHERED THROUGH
QUESTIONNAIRES ADMINISTERED TO MOTHERS IN THEIR HOMES IN

BASELINE STUDIES, SIX MONTHS AFTER BROADCASTS BEGAN, AND 12 MONTHS AFTER THE BASELINE. ONE THOUSAND YOUNG MOTHERS WERE INTERVIEWED IN EACH WAVE OF THE INTERVIEWS. INTERVIEWS WERE SUPPLEMENTED BY SELF-ADMINISTERED QUESTIONNAIRES TO DOCTORS, TEACHERS, AND OTHER COMMUNITY WORKERS. RESULTS INDICATED THAT THE BROADCASTING WAS SUCCESSFUL IN IMPROVING PRACTICES OF INFANT AND CHILD HEALTH AND NUTRITION CARE. THE REACH-AND-FREQUENCY TECHNIQUE PROVIDED A DISCIPLINE THAT RENDERS BROADCASTING TO UNORGANIZED AUDIENCES--THE MOST INEXPENSIVE USE OF RADIO--EFFECTIVE IN BRINGING ABOUT CHANGES IN BEHAVIOR, AS WELL AS ATTITUDES AND KNOWLEDGE. APPENDICES INCLUDE A HOUSEHOLD QUESTIONNAIRE, A QUESTIONNAIRE TO COMMUNITY WORKERS, A MESSAGE TEST QUESTIONNAIRE, A LETTER TO COMMUNITY WORKERS, AND EXAMPLES OF THE ACTUAL RADIO MESSAGES.

EDUCATIONAL TECHNOLOGY IN THE THIRD WORLD: A GENERAL SYSTEMS PERSPECTIVE. ED-167 111

AWA, N.

CORP. SOURCE- NEW YORK STATE COLL. OF AGRICULTURE AND LIFE SCIENCES, ITHACA. JOURNAL VOL.- U8001 DESCRIP. NOTE- REPT. NO. 9 REPORT DATE- 1979 PAGINATION- 14P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83 PLUS POSTAGE. ALSO AVAILABLE FROM THE COMMUNICATION ARTS GRADUATE TEACHING AND RESEARCH CENTER, CORNELL UNIV., 640 STEWART AVENUE, ITHACA, NY. 14853 (SINGLE COPIES ARE FREE). NTIS PRICES- NOT AVAILABLE NTIS

CHANGE IS MORE ADVANTAGEOUS IF IT INCORPORATES AN ENTIRE SOCIETY RATHER THAN AN ELEMENT OF THAT SOCIETY, AND THE GOALS OF EDUCATIONAL DEVELOPMENT WILL BE MOST FRUITFULLY REALIZED WITH A MINIMUM OF HARMFUL EFFECTS IF PROGRAMS OF INSTRUCTIONAL DEVELOPMENT ARE MADE TO FOCUS ON THE ENTIRE CULTURE, RATHER THAN ON A SINGLE SOCIAL INSTITUTION. A SYSTEMS APPROACH MAY BE EXTREMELY IMPORTANT TO THE EDUCATIONAL PLANNER AS IT EMPHASIZES THE NEED FOR AN INTEGRATED APPROACH, RECOGNIZING THAT SEVERAL FACTORS MUST BE CONSIDERED TOGETHER IF SOUND GOALS ARE TO BE MET BY SOUND PROGRAMS. THE SYSTEMS THEORY PARADIGM ALSO OFFERS A CONCEPTUAL TOOL TO THE PLANNER WHEREBY A PROCESS MAY BE ORGANIZED INTO CATEGORIES, AND IN SO DOING MAY LEAD TO THE GENERATION OF RESEARCH, PREDICTION OF OUTCOMES, AND THE ENCOURAGEMENT OF MEASUREMENT AND EVALUATION.

VIDEO '78: INTERNATIONAL EXPERIENCE AND MODELS.
ED-164 003

CORP. SOURCE- PRIX JEUNESSE FOUNDATION, MUNICH (GERMANY, F.R.). JOURNAL VOL.- U7925 REPORT DATE- 1978
PAGINATION- 78P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA. 22210. PC\$4.67. MF\$0.83 PLUS POSTAGE. NTIS PRICES- NOT AVAILAABLE NTIS

THE USE OF VIDEO TECHNOLOGY AS AN ALTERNATIVE FORM OF COMMUNICATIONS MEDIA FOR ARTISTS, TEACHERS, STUDENTS, AND COMMUNITY GROUPS IN THE UNITED STATES, EUROPE, AND THIRD WORLD NATIONS IS DESCRIBED. SPECIFIC EXAMPLES OF VIDEO USE IN THE VARIOUS COUNTRIES ARE OUTLINED AND INDIVIDUAL CHARACTERISTICS OF PROGRAM ORGANIZATION, PRODUCTION, AND DISTRIBUTION ARE DEFINED FOR THESE UNITS. THE USE OF CABLE TELEVISION AS A MEANS OF PRESENTATION IS ALSO DISCUSSED. MUCH OF THE PROGRAMMING FOCUS IS AN ATTEMPT TO REACH NON-TRADITIONAL AUDIENCES AND DOCUMENT INFORMATION THAT IS OFTEN NEGLECTED BY COMMERCIAL NETWORKS. A BIBLIOGRAPHY OF VIDEO RELATED PUBLICATIONS AND ADDRESSES OF PRODUCTION/COORDINATION UNITS ARE PROVIDED.

TRAINING AND RELATED EFFORTS NEEDED TO IMPROVE FINANCIAL MANAGEMENT IN THE THIRD WORLD. PB-300 404/1

CORP. SOURCE- GENERAL ACCOUNTING OFFICE, WASHINGTON, DC. INTERNATIONAL DIV. JOURNAL VOL.- U7925 DESCRIP. NOTE- REPORT TO THE CONGRESS. REPORT DATE- 20 SEP 79
PAGINATION- 53P REPORT NO.- ID-79-46 NTIS PRICES- PC A04/MF A01

THE REPORT ADDRESSES THE NEED TO IMPROVE FINANCIAL MANAGEMENT IN DEVELOPING COUNTRIES, AND DISCUSSES THE SHORTAGE OF PEOPLE TRAINED IN ACCOUNTING AND RELATED FIELDS WHO ARE WILLING TO WORK FOR DEVELOPING-COUNTRY GOVERNMENTS. THE TYPES OF TRAINING AND OTHER EFFORTS NEEDED TO CHANGE THIS SITUATION ARE ALSO DISCUSSED. IMPROVED ACCOUNTABILITY FOR AND CONTROL OVER PUBLIC FUNDS WILL ASSIST THE DEVELOPMENT PROCESS BY INSURING THAT GOVERNMENT RESOURCES ARE PROPERLY UTILIZED AND THAT PROGRAMS REACH THOSE THAT NEED THEM MOST.

DIRECTORY OF ENERGY--RELATED EDUCATIONAL PROGRAMS.
BNL-50988

WAKE, N. S.

CORP. SOURCE- BROOKHAVEN NATIONAL LAB., UPTON, NY.
JOURNAL VOL.- U7926 N040C REPORT DATE- DEC 78
PAGINATION- 79P CONT. NO.- EY-76-C-02-C016 NTIS
PRICES- PC A05/MF A01

THIS REPORT PRESENTS AN INVENTORY OF ENERGY-RELATED TRAINING PROGRAMS BEING OFFERED WITHIN UNITED STATES EDUCATIONAL INSTITUTIONS THAT MIGHT MEET THE TRAINING NEEDS OF LESS DEVELOPED COUNTRIES. TRAINING PROGRAMS IN THE ENERGY AREA INCLUDE THE AREAS OF ENERGY RESOURCES, ENERGY PLANNING AND ANALYSIS, THE DEVELOPMENT AND UTILIZATION OF DIFFERENT ENERGY TECHNOLOGIES INCLUDING RENEWABLE SOURCES, AND ENGINEERING. (ERA CITATION 04:046918)

RADIO FOR FORMAL EDUCATION AND FOR DEVELOPMENT
COMMUNICATION. ED-165 791

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. CLEARINGHOUSE ON DEVELOPMENT COMMUNICATION.
JOURNAL VOL.- U7926 REPORT DATE- SEP 78 PAGINATION-
18P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL
CORPORATION), ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83 PLUS
POSTAGE. PUB. IN JNL. OF DEVELOPMENT COMMUNICATION REPORT,
N24 SEP 1978. NTIS PRICES- NOT AVAILABLE NTIS

THE KEYNOTE ARTICLE IN THIS ISSUE DESCRIBES SOME EMPIRICALLY DEMONSTRATED BENEFICIAL FUNCTIONS OF RADIO IN DEVELOPMENT COMMUNICATIONS: (1) IT IMPROVES THE QUALITY AND RELEVANCE OF EDUCATION; (2) IT KEEPS EDUCATIONAL COSTS DOWN; (3) IT BROADENS ACCESS TO EDUCATION; AND (4) IT EXTENDS THE IMPACT OF TIME, MONEY, AND EFFORT OUTSIDE THE FORMAL EDUCATION SYSTEM THROUGH SUCH APPLICATIONS AS OPEN RADIO BROADCASTING, RADIO CAMPAIGNS, AND RADIO-LISTENING GROUPS. OTHER ARTICLES ARE CONCERNED WITH THE NEW U.N. AUDIO-VISUAL INFORMATION CENTER ON HUMAN SETTLEMENTS, CALLED VISION HABITAT; DEFINING BROADCASTING TRAINING NEEDS; THE USE OF RADIO IN CLASSROOM INSTRUCTION; TWO-WAY RADIO FOR HEALTH AND DEVELOPMENT; SUCCESSFUL SCRIPTWRITING; COMMUNICATION PLANNING; THE TRAINING AND VISITATION SYSTEM OF AGRICULTURAL EXTENSION;

AND A DISCUSSION ABOUT DEVELOPMENT PROJECT FAILURES. CASE STUDIES DEAL WITH MEDICINE AND CB RADIOS IN GUYANA, TEACHER TRAINING WITH RADIO IN NEPAL, AND A SATELLITE DEMONSTRATION IN THE WEST INDIES.

TECHNOLOGY IN EDUCATION: INTEGRATING THEORY AND PRACTICE SAN SALVADOR CASE STUDY PHILIPPINES PB-299 917/5

DA SILVA, P.

CORP. SOURCE- PHILIPPINES UNIV., DILIMAN, QUEZON CITY. SCIENCE EDUCATION CENTER. JOURNAL VOL.- U7926 REPORT DATE- FEB 79 PAGINATION- 15P NTIS PRICES- PC A02/MF A01

THE PAPER ATTEMPTS TO SHOW THE APPROACH IN RURAL EDUCATION IN SAN SALVADOR. ITS RESULTS SHOW THAT LEARNING RELATED TO THE GOAL OF IMPROVING THE QUALITY OF LIFE IN THE COMMUNITY GENERATES CHANGES AND EQUIPS THE COMMUNITY WITH THE DESIRE AND INITIATIVE TO PURSUE THE GOALS THEMSELVES. THE SCHOOL THROUGH ITS PRINCIPAL AND TEACHERS, THE GOVERNMENT THROUGH THE BARANGAY COUNCIL AND OTHER AGENCIES, AND OTHER MEMBERS OF THE COMMUNITY, WORK TOGETHER IN A SPIRIT OF COOPERATION TOWARDS THE TRANSLATION OF THIS GOAL.

ECONOMIC ANALYSIS OF EDUCATIONAL TELEVISION IN MARANHAO BRAZIL ED-158 780

ARENA, E.

CORP. SOURCE- UNITED NATIONS EDUCATIONAL, SCIENTIFIC, AND CULTURAL ORGANIZATION, PARIS (FRANCE). JOURNAL VOL.- U7917 REPORT DATE- 10 FEB 77 PAGINATION- 52P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION), ARLINGTON, VA 22210, MF\$0.83 ONLY, PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

IN 1969, THE STATE OF MARANHAO IN NORTH-EAST BRAZIL INSTITUTED A SYSTEM OF EDUCATIONAL TELEVISION DESIGNED TO PROVIDE INSTRUCTION FOR THE LAST FOUR YEARS OF BASIC EDUCATION. IT AFFECTS SOME 13,000 STUDENTS LIVING IN THE POOR OUTER SUBURBS OF THE CAPITAL OF THE STATE. THE

EXPERIMENT IS TODAY FACED WITH THE VITALLY IMPORTANT PROBLEM OF EXPANSION. THE FIRST CHAPTER OF THIS REPORT PROVIDES A BRIEF SUMMARY OF THE ECONOMIC AND EDUCATIONAL SITUATION, AND DESCRIBES THE EDUCATION SYSTEM IN MARANHAO AND THE MARANHESE FOUNDATION FOR EDUCATIONAL TELEVISION (MFTVE). THE SECOND CHAPTER DEALS WITH THE COSTS OF THE SYSTEM FROM VARIOUS POINTS OF VIEW, AND THE THIRD IS A TENTATIVE APPRAISAL OF ITS EDUCATIONAL EFFECTIVENESS. CONCLUDING COMMENTS BASED BOTH ON EMPIRICAL DATA AND ON MORE INFORMAL OBSERVATIONS INCLUDE SUGGESTIONS FOR PRIORITIES ON WHICH MFTVE SHOULD CONCENTRATE IN THE IMMEDIATE FUTURE.

RESOURCES FOR TESOL TEACHING: A HANDBOOK FOR TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES. PB-295 919/5

BOONE, E. C. GILDEA, R. MORAN, P.

CORP. SOURCE- ACTION/PEACE CORP., WASHINGTON, DC.
INFORMATION COLLECTION AND EXCHANGE. JOURNAL VOL.- U7917
DESCRIP. NOTE- PROGRAM AND TRAINING JOURNAL REPRINT SERIES
REPORT DATE- SEP 78 PAGINATION- 212P REPORT NO.-
REPRINT-26 NTIS PRICES- PC A10/MF A01

THE MANUAL IS DIVIDED INTO TWO PARTS. THE FIRST PART CONSISTS OF SEVEN CHAPTERS, THE FIRST SIX OF WHICH DEAL SPECIFICALLY WITH RESOURCES (TEACHING IDEAS, TECHNIQUES AND SUGGESTIONS) ON HOW TO PRESENT, DEVELOP AND REINFORCE PRONUNCIATION, GRAMMAR, VOCABULARY, READING, WRITING AND CONVERSATION. THERE IS AN ADDITIONAL CHAPTER ON GAMES AS TECHNIQUES FOR REVIEWING THE LANGUAGE SKILLS ALREADY TAUGHT. THE SECOND PART OF THE MANUAL, THE APPENDICES, CONTAINS INFORMATION PERTAINING TO THE LANGUAGE ITSELF.

REGIONAL AGRICULTURAL PRODUCTION PROGRAMS TRAINING AND
DESIGN STRATEGIES PB-295 655/5

SWANSON, B. E.

CORP. SOURCE- INDIANA UNIV. AT BLOOMINGTON, INTERNATIONAL
DEVELOPMENT RESEARCH CENTER. JOURNAL VOL.- U7918
REPORT DATE- 1976 PAGINATION- 31P NTIS PRICES- PC
A03/MF A01

THE PAMPHLET PRESENTS A PALPABLE PORTRAIT OF CERTAIN
REAL-WORLD PROBLEMS OF INSTITUTION BUILDING AS AN INSTRUMENT
OF SOCIAL AND ECONOMIC DEVELOPMENT, AND OF SOME PRACTICAL
RESPONSES TO THEM. IT PRESENTS CASE MATERIAL ABOUT THE
TRAINING OF RESEARCH AND EXTENSION WORKERS IN AN
INTERNATIONAL AGRICULTURAL RESEARCH CENTER. IT THEN EXAMINES
KEY RELATIONSHIPS BETWEEN TRAINING AND RESULTS--BETWEEN THE
PREPARATION OF PERSONS FOR DEVELOPMENTAL ROLES AND EVENTUAL
ACTION IN THE FIELD. THE FINDINGS OFFER LESSONS FOR THE
DESIGN OF CERTAIN KINDS OF AGRICULTURAL PRODUCTION
PRODUCTION PROGRAMS, AND FOR USING TRAINING AS ONE TOOL IN
SUCH DESIGN.

COMMUNITY HEALTH EDUCATION IN DEVELOPING COUNTRIES.
PB-295 953/4

CORP. SOURCE- ACTION/PEACE CORPS, WASHINGTON, DC.
INFORMATION COLLECTION AND EXCHANGE. JOURNAL VOL.- U7918
DESCRIP. NOTE- PROGRAM AND TRAINING JOURNAL MANUAL SERIES.
REPORT DATE- 1978 (C) PAGINATION- 195P REPORT NO.-
MANUAL-SER-8 NTIS PRICES- PC A09/MF A01

THE PAMPHLET WAS DEVELOPED FOR THOSE PERSONS, FROM WHATEVER
BACKGROUNDS, WHO ARE INTERESTED IN PROMOTING CHANGE TO
IMPROVE THE HEALTH CONDITIONS OF THEIR COMMUNITIES. ONE MAY
BE A TEACHER, A COMMUNITY AGRICULTURE EXTENSION WORKER, A
SOCIAL WORKER OR A WELL DRILLER. THE MANUAL IS A GUIDE -- A
WORKING AND TEACHING TOOL -- TO HELP ONE GET STARTED ON A
COMMUNITY HEALTH PROJECT THROUGH HEALTH EDUCATION. HEALTH
EDUCATION IS A PROCESS THROUGH WHICH BEHAVIOR CHANGES ARE
EFFECTED. HEALTH PROBLEMS ARE ROOTED IN SPECIFIC BEHAVIORS:
CHANGING THOSE BEHAVIORS WILL CHANGE A COMMUNITY'S HEALTH
STATUS.

PETIT MANUEL DE CONSERVATION DES EAUX ET DU SOL (TEACHING
SOIL AND WATER CONSERVATION) PB-296 917/8

FOSTER, A. B. FOX, A. C.

CORP. SOURCE- SOIL CONSERVATION SERVICE, WASHINGTON, DC.
JOURNAL VOL.- U7918 REPORT DATE- 1966 PAGINATION- 58P
NTIS PRICES- PC A04/MF A01

TECHNIQUES FOR PRESENTING GRAPHIC VISUAL DEMONSTRATIONS THAT
EXPLAIN HOW SOIL IS FORMED AND ERODED ARE DESCRIBED IN
DETAIL. METHODS TO TEACH CONSERVATION PRACTICES WITH EQUAL
VISUAL PROOF BY DEMONSTRATION ARE THEN GIVEN IN A SYSTEMATIC
MANNER THAT CAN HELP COMMUNITY LEADERS OR AGRICULTURAL
EXTENSION WORKERS TEACH BASIC CONSERVATION.

TECHNIQUES FOR DETERMINING MANPOWER SKILL NEEDS AND TRAINING
REQUIREMENTS. PB-297 075/4

CORP. SOURCE- BUREAU OF EMPLOYMENT SECURITY, WASHINGTON, DC.
JOURNAL VOL.- U7919 REPORT DATE- MAY 63 PAGINATION-
156P MNTR. AGENCY.- ID/GM 6 NTIS PRICES- PC A08/MF A01

THE HANDBOOK INCLUDES METHODS FOR DETERMINING CURRENT SKILL
NEEDS AND FOR INTRODUCING A CONTINUING PROGRAM OF MANPOWER
REPORTING. PART I DISCUSSES MANPOWER PLANNING IN OBTAINING
INFORMATION DESIGNED TO MEET THE PARTICULAR ECONOMIC
DEVELOPMENTS OF THE AREA IT DESCRIBES. PART II COVERS AREA
MANPOWER SURVEYS TO ASSIST AND SUPPORT ECONOMIC DEVELOPMENT
IN PRODUCING ESTIMATES OF CURRENT AND FUTURE MANPOWER
REQUIREMENTS IN SELECTED OR IN ALL OCCUPATIONS AND BY
ASCERTAINING THE EDUCATION AND TRAINING NEEDS TO SATISFY
MANPOWER REQUIREMENTS. PART III FOCUSES ON OCCUPATIONAL
GUIDES FOR DETERMINING WORKER-JOB RELATIONSHIPS IN A
PARTICULAR OCCUPATION OR GROUP OF OCCUPATIONS. WORKSHEETS
ARE INCLUDED FOR COMPILING DATA.

VISUALS IN AGRICULTURAL EXTENSION PROGRAMS PB-297 078/8

AMES, R. J. AXINN, G. H. BENNETT, L. S. CLOUGH, E.

CORP. SOURCE- NATIONAL PROJECT IN AGRICULTURAL
COMMUNICATIONS, EAST LANSING, MI. JOURNAL VOL.- U7919
REPORT DATE- JUL 67 PAGINATION- 92P NTIS PRICES- PC
A05/MF A01

THE HANDBOOK IS FOR THOSE WHO ARE ENGAGED IN THE WORLD-WIDE
MOVEMENT OF IMPROVING AGRICULTURAL EFFICIENCY THROUGH
EXTENSION EDUCATION. THE VALUE AND USE OF VISUALS IN
TEACHING NEW IDEAS IS EMPHASIZED. MANY USEFUL VISUAL AIDS
ARE PRESENTED FOR COMMUNICATING NEW METHODS.

COMPUTER BASED EDUCATION FOR DEVELOPING EDUCATIONAL SYSTEMS
ED-161 416

SEARLES, J. E. RIZZA, P. J.

JOURNAL VOL.- U7921 REPORT DATE- MAR 78 PAGINATION- 6P
AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION
SERVICE (COMPUTER MICROFILM INTERNATIONAL CORPORATION),
ARLINGTON, VA. 22210. MF\$0.83 ONLY, PLUS POSTAGE. NTIS
PRICES- NOT AVAILABLE NTIS

GENERALIZED CONCLUSIONS PRESENTED IN THIS PAPER ON THE USE
OF COMPUTER-BASED EDUCATION TECHNIQUES IN NATIONS WITH
DEVELOPING EDUCATIONAL SYSTEMS ARE BASED ON A 18-MONTH STUDY
CONDUCTED IN BRAZIL FROM 1975 TO 1977. THIS STUDY WAS THE
FIRST OF ITS KIND IN LATIN AMERICA, AND THE RESULTS SHOULD
BE OF INTEREST TO NATIONALS OF DEVELOPING NATIONS AS WELL AS
THOSE INTERESTED IN PROVIDING THEM WITH TECHNICAL ASSISTANCE
IN THE AREA OF COMPUTER-BASED EDUCATION.

EDUCATING FARMERS THROUGH THE MASS MEDIA. PB-297 079/6

AKANDE, O.

CORP. SOURCE- NATIONAL SCIENCE AND TECHNOLOGY DEVELOPMENT
AGENCY, LAGOS (NIGERIA). JOURNAL VOL.- U7921 REPORT
DATE- 1978 PAGINATION- 17P NTIS PRICES- PC A02/MF A01

THE PAPER EXPLORES THE ROLE OF THE MASS MEDIA (NEWSPAPERS,
MAGAZINES, RADIO, AND TELEVISION) IN ASSISTING THE
AGRICULTURAL RESEARCH WORKERS TO GET THEIR FINDINGS ACROSS
TO THE ULTIMATE USERS--THE FARMERS WHO HAVE TO ADOPT THE NEW
TECHNIQUES IN ORDER TO IMPROVE THEIR YIELDS.

COMMUNICATION SYSTEMS AND THE NEW RURAL DEVELOPMENT
STRATEGIES WITH A CASE STUDY IN INDONESIA ED-162 648

COLLE, R. D.

CORP. SOURCE- NEW YORK STATE COLL. OF AGRICULTURE AND LIFE
SCIENCES, ITHACA. JOURNAL VOL.- U7922 REPORT DATE-
1976 PAGINATION- 43P AVAIL. NOTE- AVAILABLE FROM ERIC
DOCUMENT REPRODUCTION SERVICE (COMPUTER MICROFILM
INTERNATIONAL CORPORATION), ARLINGTON, VA. 22210, PC\$2.06,
MF\$0.83 PLUS POSTAGE. ALSO AVAILABLE FROM COMMUNICATION ARTS
GRADUATE TRAINING AND RESEARCH CENTER, CORNELL UNIV., 640
STEWART AVENUE, ITHACA, NY 14853 (SINGLE ITEMS, FREE).
NTIS PRICES- NOT AVAILABLE NTIS

THE GUIDELINES PROVIDED INCORPORATE PRINCIPLES AND THEMES
EMERGING FROM THE RE-EVALUATION OF UNSUCCESSFUL LARGE-SCALE
EDUCATIONAL INTERVENTION PROGRAMS IN DEVELOPING COUNTRIES.
RECOMMENDATIONS FOR EFFECTIVE PROGRAMS INCLUDE (1) A
DECENTRALIZED MODE OF OPERATION, (2) LOCAL PARTICIPATION IN
DESIGNING AND CARRYING OUT PROGRAMS, (3) A MULTI-FOCUS ON
COMMUNITY LIFE, AND (4) A STRONG EMPHASIS UPON PROBLEM
PREVENTION. THE MODEL EDUCATIONAL COMMUNICATION SYSTEM
(MECS) FOR IMPROVING RURAL EDUCATION IN INDONESIA IS
DESCRIBED IN A CASE STUDY OF THE APPLICATION OF EFFECTIVE
DEVELOPMENT THEMES AND PRINCIPLES. THE RADIO, AUDIOCASSETTE,
AND COMMUNICATION SATELLITE COMPONENT SERVICES OF MECS ARE
DESCRIBED.

RADIO AND TELEVISION FOR EDUCATION IN DEVELOPING COUNTRIES
ED-162 650

JAMISON, D. T.

CORP. SOURCE- EDUCATIONAL TESTING SERVICE, PRINCETON, NJ.
JOURNAL VOL.- U7922 REPORT DATE- APR 75 PAGINATION-
25P REPORT NO.- ETS-RM-75-2 AVAIL. NOTE- AVAILABLE
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INTERNATIONAL CORPORATION), ARLINGTON, VA. 22210, PC\$1.67,
MF\$0.83 PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

THE POTENTIAL ROLE OF RADIO AND TELEVISION IN IMPROVING
EQUITY AND EFFICIENCY IN THE DELIVERY OF EDUCATION IN
DEVELOPING COUNTRIES IS DISCUSSED. THE FOLLOWING FOUR
SECTIONS DISCUSS MAJOR EDUCATIONAL ISSUES AND REFORMS
INVOLVING THE USE OF INSTRUCTIONAL TELEVISION AND RADIO IN
COUNTRIES SUCH AS AMERICAN SAMOA, EL SALVADOR, AND THE IVORY
COAST: (1) ALTERNATIVES OPEN IN ORGANIZING A FORMAL
SCHOOLING SYSTEM, WITH EMPHASIS ON THE TECHNOLOGICAL
ALTERNATIVES; (2) AVAILABLE EVIDENCE ON THE EFFECTIVENESS OF
A NUMBER OF THE ALTERNATIVES; (3) A SUMMARY OF AVAILABLE
INFORMATION ON THE COSTS OF INSTRUCTIONAL RADIO AND
TELEVISION; (4) SOME POLICY IMPLICATIONS FROM THE
COST-EFFECTIVENESS SUMMARIES.

L'IMPORTANCE DE LA FORMATION DANS LES SERVICES PUBLICS
(IMPROVING THE PUBLIC SERVICE THROUGH TRAINING)
PB-287 258/8

CALDWELL, L. K.

CORP. SOURCE- INDIANA UNIV., BLOOMINGTON. JOURNAL VOL.-
U7910 REPORT DATE- NOV 62 PAGINATION- 118P NTIS
PRICES- PC A06/MF A01

THE PURPOSE OF THIS DOCUMENT IS TO INTERPRET THE FUNCTION OF
TRAINING IN PRESENT DAY GOVERNMENT. IT IS ADDRESSED TO A
WORLD-WIDE AUDIENCE THAT INCLUDES PUBLIC OFFICIALS,
POLITICAL LEADERS, AND CIVIC-MINDED PEOPLE EVERYWHERE WHO
ARE CONCERNED WITH IMPROVEMENT OF THE PUBLIC SERVICE. IT IS
INTENDED TO BE USEFUL TO OFFICIALS ENGAGED IN INTERNATIONAL
TECHNICAL ASSISTANCE; TO PERSONNEL, PLANNING, AND TRAINING
OFFICERS; AND TO PEOPLE INTERESTED IN EDUCATION FOR
DEVELOPMENT ADMINISTRATION. IT DOES NOT DESCRIBE TRAINING

TECHNIQUES BUT DOES SET FORTH PRINCIPLES AND CONCEPTS THAT ARE BASIC TO ENLARGEMENT OF THE HUMAN RESOURCES NEEDED IN NATIONAL DEVELOPMENT.

IMPROVING THE PUBLIC SERVICE THROUGH TRAINING
PB-287 259/6

CALDWELL, L. K.

CORP. SOURCE- INDIANA UNIV., BLOOMINGTON. JOURNAL VOL.-
U7910 REPORT DATE- NOV 62 PAGINATION- 134P NTIS
PRICES- PC A07/MF A01

THE PURPOSE OF THIS DOCUMENT IS TO INTERPRET THE FUNCTION OF TRAINING IN PRESENT DAY GOVERNMENT. IT IS ADDRESSED TO A WORLD-WIDE AUDIENCE THAT INCLUDES PUBLIC OFFICIALS, POLITICAL LEADERS, AND CIVIC-MINDED PEOPLE EVERYWHERE WHO ARE CONCERNED WITH IMPROVEMENT OF THE PUBLIC SERVICE. IT IS INTENDED TO BE USEFUL TO OFFICIALS ENGAGED IN INTERNATIONAL TECHNICAL ASSISTANCE; TO PERSONNEL, PLANNING, AND TRAINING OFFICERS; AND TO PEOPLE INTERESTED IN EDUCATION FOR DEVELOPMENT ADMINISTRATION. IT DOES NOT DESCRIBE TRAINING TECHNIQUES BUT DOES SET FORTH PRINCIPLES AND CONCEPTS THAT ARE BASIC TO ENLARGEMENT OF THE HUMAN RESOURCES NEEDED IN NATIONAL DEVELOPMENT.

COMMUNICATION MEDIA AND TECHNOLOGY: A LOOK AT THEIR ROLE IN NON-FORMAL EDUCATION PROGRAMS. PB-292 586/5

INGLE, H. T.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. CLEARINGHOUSE ON DEVELOPMENT COMMUNICATION.
JOURNAL VOL.- U7910 DESCRIP. NOTE- INFORMATION BULLETIN
REPORT DATE- AUG 74 PAGINATION- 69P REPORT NO.- IB-5
NTIS PRICES- PC A04/MF A01

THE PURPOSE OF THIS PUBLICATION IS TO REVIEW THE ROLE COMMUNICATION MEDIA AND TECHNOLOGY HAVE PLAYED IN THE AREA OF NON-FORMAL EDUCATION. SPECIFIC INSTANCES ARE CITED IN WHICH MEDIA AND TECHNOLOGY ARE BEING USED IN NON-FORMAL EDUCATIONAL PROJECTS AROUND THE WORLD, ALONG WITH BACKGROUND INFORMATION ON EACH OF THESE EFFORTS WITH PARTICULAR

EMPHASIS BEING GIVEN TO PROJECTS IN THE DEVELOPING REGIONS OF THE WORLD. DISCUSSED IS THE NEED FOR A NON-FORMAL APPROACH TO EDUCATION AS WELL AS THE IMPLICATIONS OF SUCH AN APPROACH. INCLUDED IS A REVIEW OF THE DIFFERENT TYPES OF MEDIA AND TECHNOLOGY WHICH HAVE BEEN USED OR ARE CURRENTLY BEING USED IN NON-FORMAL PROGRAMS.

MANPOWER FORECASTING MODEL FOR EDUCATIONAL PLANNING.
ED-154 787

BOETTCHER, J. BREKKA, L. T.

CORP. SOURCE- STANFORD UNIV., CA. STANFORD ELECTRONICS LABS.
JOURNAL VOL.- U7911 DESCIP. NOTE- TECHNICAL REPT. NO. 13
REPORT DATE- DEC 76 PAGINATION- 41P AVAIL. NOTE-
AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE,
ARLINGTON, VA. 22210, PC\$2.06, MF\$0.83 PLUS POSTAGE. NTIS
PRICES- NOT AVAILABLE NTIS

THIS REPORT DESCRIBES HOW EDUCATIONAL RADIO AND TELEVISION OF IRAN (ERTI) CAN USE ECONOMIC AND MANPOWER PROJECTION DATA IN ITS PLANNING. A SUMMARY OF THE CONCLUSIONS REACHED IN REGARD TO IRAN'S MOST IMPORTANT EDUCATION AND TRAINING NEEDS IS FOLLOWED BY DISCUSSION OF THE PARTICULAR TYPES OF INFORMATION NEEDED BY ERTI AND ITS AVAILABILITY. THE DESCRIPTION OF COMPUTER MODEL FOR PROJECTING IRANIAN MANPOWER AND EDUCATIONAL NEEDS AS A FUNCTION OF NATIONAL ECONOMIC GROWTH AND DEVELOPMENT IS INCLUDED.

STATEMENT OF PURPOSE FOR EDUCATIONAL RADIO AND TELEVISION OF IRAN. ED-154 791

BREKKA, L. T.

CORP. SOURCE- STANFORD UNIV., CALIF. STANFORD ELECTRONICS LABS. JOURNAL VOL.- U7911 DESCIP. NOTE- TECHNICAL REPT. NO. 18 REPORT DATE- DEC 76 PAGINATION- 105P
AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE, ARLINGTON, VA. 22210, PC\$6.01, MF\$0.83 PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

A STATEMENT OF PURPOSE FOR EDUCATIONAL RADIO AND TELEVISION OF IRAN (ERTI) IN IRAN'S EDUCATION AND DEVELOPMENT PROCESS

PROPOSES THAT ERTI ACT AS A LEADER AND INNOVATOR IN PROGRAMS COVERING A WIDE RANGE OF SUBJECT MATTER AND INVOLVING BOTH BROADCASTING AND NON-BROADCASTING ACTIVITIES. A BALANCED PROGRAM IS SUGGESTED HERE WHICH WOULD ENABLE THE ORGANIZATION TO HAVE A MUCH GREATER EFFECT ON IRAN'S NEEDS THAN ITS PRESENT LIMITED ACTIVITIES. SUBSEQUENT SECTIONS INCLUDE THE STATEMENT OF PURPOSE, A DESCRIPTION OF HOW IT WAS DEVELOPED, AND RECOMMENDATIONS FOR SPECIFIC ACTIVITIES WHICH WOULD MAKE THE STATEMENT OPERATIONAL. THE FINAL SECTION DESCRIBES THE IMPLICATIONS OF THE STATEMENT FOR IMPLEMENTING PROGRAMS GIVEN ERTI'S STAFFING AND FACILITIES.

USE OF TELEVISION AND TEACHER TRAINING. ED-154 793

BREKKA, L. T. REVANI, B.

CORP. SOURCE- STANFORD UNIV., CA. STANFORD ELECTRONICS LABS.
JOURNAL VOL.- U7911 DESCIP. NOTE- TECHNICAL REPT. NO. 20
REPORT DATE- DEC 76 PAGINATION- 100P AVAIL. NOTE-
AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE,
ARLINGTON, VA. 22210, PC\$4.67, MF\$0.83 PLUS POSTAGE. NTIS
PRICES- NOT AVAILABLE NTIS

THE POTENTIAL VALUE OF THE USE OF TELEVISION IN TEACHER TRAINING IN IRAN TO HELP FILL THE GAP BETWEEN THE PRESENT WORK FORCE OF TEACHERS AND THE NUMBER NEEDED FOR FULL ENROLLMENT OF THE NATION'S CHILDREN AT THE ELEMENTARY AND SECONDARY LEVELS IS CONSIDERED. A COMPUTER MODEL WHICH HAS BEEN DEVELOPED TO PERMIT QUICK AND EASY ASSESSMENT OF THE IMPACT OF ALTERNATIVE EDUCATIONAL STRATEGIES, INCLUDING EDUCATIONAL TELEVISION (ETV), IS PROVIDED FOR USE BY EDUCATIONAL RADIO AND TELEVISION OF IRAN (ERTI) IN PLANNING ITS ROLE IN TEACHER TRAINING. THE REPORT CONTAINS A SUMMARY OF THE MAJOR FINDINGS AND RECOMMENDATIONS, DESCRIPTION OF THE BACKGROUND RESEARCH WHICH LED TO THE DEVELOPMENT OF THE ANALYSIS, AND THE ANALYTICAL MODEL AND ITS RESULT. APPENDIX A PRESENTS A BRIEF OVERVIEW OF HOW ETV HAS BEEN SUCCESSFULLY USED IN A RANGE OF APPLICATIONS AT THE ELEMENTARY, SECONDARY, AND POST SECONDARY LEVELS OUTSIDE IRAN. APPENDIX B INCLUDES DETAILED INFORMATION FROM A SURVEY ON ETV USE IN SUCH INSTITUTIONS AS CHICAGO TV COLLEGE, OUTREACH CONSORTIUM, OREGON STATE UNIVERSITY, AND BRITISH OPEN UNIVERSITY.

EXECUTIVE SUMMARY: PROGRAM PLANNING ASSISTANCE.
ED-154 794

CORP. SOURCE- STANFORD UNIV., CA. STANFORD ELECTRONICS LABS.
JOURNAL VOL.- U7911 REPORT DATE- 1976 PAGINATION- 52P
AVAIL. NOTE- AVAILAABLE FROM ERIC DOCUMENT REPRODUCTION
SERVICE, ARLINGTON, VA. 22210, PC\$3.50, MF\$0.83 PLUS
POSTAGE. NTIS PRICES- NOT AVAILAABLE NTIS

THE CONCLUSIONS AND RECOMMENDATIONS OF NINE OTHER REPORTS
CONCERNING THE EDUCATIONAL NEEDS OF IRAN AND THE ROLE OF
TELEVISION IN MEETING THESE NEEDS ARE SUMMARIZED. CHAPTER 1
DISCUSSES EDUCATIONAL NEEDS, THE EFFECTIVENESS OF TELEVISION
IN EDUCATION, AND THE RECOMMENDED ROLE FOR EDUCATIONAL RADIO
AND TELEVISION OF IRAN (ERTI). CHAPTER 2 DEALS WITH MORE
SPECIFIC SUBJECT AREA RECOMMENDATIONS IN HIGHER EDUCATION;
PRIMARY, GUIDANCE CYCLE, AND HIGH SCHOOL; LITERACY; FARMER
EDUCATION; AND OCCUPATIONAL TRAINING. THE CAPABILITIES OF
ERTI AND POTENTIAL ERTI PROGRAM AREAS ARE DISCUSSED IN MORE
DETAIL IN THE FINAL CHAPTER, AND A SUGGESTED SCHEDULE FOR
PLANNING AND IMPLEMENTATION IS GIVEN.

LES AUXILIAIRES VISUELS DANS LA TELEVISION SCOLAIRE
(CREATING VISUALS FOR TV) PB-287 255/4

SPEAR, J.

CORP. SOURCE- WASHINGTON COUNTY CLOSED CIRCUIT TELEVISION
PRCJECT, HAGERSTOWN, MD. JOURNAL VOL.- U7911 REPORT
DATE- 1962 PAGINATION- 79P NTIS PRICES- PC A05/MF A01

THIS GUIDE SHOULD BE USEFUL FOR THOSE WHO ARE CONCERNED WITH
DISCOVERING NEW WAYS OF MAKING THEIR TV PROGRAMMING MORE
EXCITING AND CHALLENGING. IT SHOULD BE OF PARTICULAR HELP TO
THOSE WHO ARE APPROACHING THE TV MEDIUM FOR THE FIRST TIME,
EITHER ON COMMERCIAL OR EDUCATIONAL CHANNELS, OR ON
CLOSED-CIRCUIT INSTALLATIONS. TOPICS COVERED INCLUDE STUDIO
PRCPS, SPECIAL EFFECTS, PROJECTED RESOURCES, AND
NONPROJECTED RESOURCES.

CREATING VISUALS FOR TV PB-287 254/7

SPEAR, J.

CORP. SOURCE- WASHINGTON COUNTY CLOSED CIRCUIT TELEVISION
PROJECT, HAGERSTOWN, MD. JOURNAL VOL.- U7912 REPORT
DATE- 1962 (C) PAGINATION- 49P NTIS PRICES- PC A03/MF
A01

THE GUIDE SHOULD BE USEFUL FOR THOSE WHO ARE CONCERNED WITH
DISCOVERING NEW WAYS OF MAKING THEIR TV PROGRAMMING MORE
EXCITING AND CHALLENGING. IT SHOULD BE OF PARTICULAR HELP TO
THOSE WHO ARE APPROACHING THE TV MEDIUM FOR THE FIRST TIME,
EITHER ON COMMERCIAL OR EDUCATIONAL CHANNELS, OR ON
CLOSED-CIRCUIT INSTALLATIONS. TOPICS COVERED INCLUDE STUDIO
PROPS, SPECIAL EFFECTS, PROJECTED RESOURCES, AND
NONPROJECTED RESOURCES.

APPLICATION OF RADIO TO TEACHING ELEMENTARY MATHEMATICS IN A
DEVELOPING COUNTRY. ED-156 180

TILSON, T.

CORP. SOURCE- STANFORD UNIV., CA. INST. FOR MATHEMATICAL
STUDIES IN SOCIAL SCIENCE. JOURNAL VOL.- U7913
DESCRIP. NOTE- ANNUAL REPT. NO 5 REPORT DATE- 1 APR 78
PAGINATION- 93P CONT. NO.- AID/CM-TA-C-73-40 AVAIL.
NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE,
ARLINGTON, VA. 22210, PC\$4.67, MF\$0.83 PLUS POSTAGE. NTIS
PRICES- NOT AVAILABLE NTIS

IN 1977 THE RADIO MATHEMATICS PROJECT PROVIDED RADIO LESSONS
IN MATHEMATICS FOR 2,800 STUDENTS ENROLLED IN 105
SECOND-GRADE AND THIRD-GRADE CLASSES IN NICARAGUAN PUBLIC
SCHOOLS. COMPARISONS BETWEEN RANDOMLY SELECTED EXPERIMENTAL
AND TRADITIONALLY TAUGHT GROUPS SHOW THAT THE ACHIEVEMENT AT
THE END OF BOTH SECOND AND THIRD GRADE WAS SIGNIFICANTLY
HIGHER FOR THE EXPERIMENTAL (RADIO) CLASSES THAN FOR THE
TRADITIONAL CLASSES. THE RADIO PROGRAMS ARE BEING
IMPLEMENTED ON A WIDER SCALE IN NICARAGUA, AND ARE BEING
ACCEPTED WELL BY BOTH TEACHERS AND STUDENTS. THE PROJECT
RECEIVED INTERNATIONAL RECOGNITION WHEN ONE OF THE
SECOND-GRADE PROGRAMS WON THE JAPAN PRIZE FOR RADO IN 1977.
THE FEEDBACK SYSTEM OF CURRICULUM DEVELOPMENT WAS FURTHER
REFINED DURING 1977, AND A NUMBER OF SUPPLEMENTARY SMALL

RESEARCH PROJECTS WERE COMPLETED.

SUPERVISORY DEVELOPMENT PROGRAM. PB-292 731/7

CORP. SOURCE- INTERNATIONAL COOPERATION ADMINISTRATION,
WASHINGTON, DC. OFFICE OF INDUSTRIAL RESOURCES. JOURNAL
VOL.- U7913 REPORT DATE- 1961 PAGINATION- 26P
REPORT NO.- TECHNICAL BULL-6 NTIS PRICES- PC A03/MF A01

THE MANUAL IS ONE OF A SERIES OF TRAINING MANUALS FOR USE IN
ESTABLISHING SUPERVISORY TRAINING PROGRAMS. IT COVERS THE
PHILOSOPHY OF TRAINING, THE NEED FOR TRAINING, GENERAL
CONCEPTS, GENERAL OBJECTIVES, SCOPE OF THE PROGRAM AND THE
TRAINING PLAN.

JOB RELATIONS TRAINING MANUAL. PB-292 772/1

CORP. SOURCE- AGENCY FOR INTERNATIONAL DEVELOPMENT,
WASHINGTON, DC. COMMUNICATIONS RESOURCES DIV. JOURNAL
VOL.- U7913 REPORT DATE- 1961 PAGINATION- 90P
REPORT NO.- TECHNICAL BULL-3 NTIS PRICES- PC A05/MF A01

THE MANUAL IS DESIGNED AS A MANAGEMENT TOOL FOR TRAINING
SUPERVISORY PERSONNEL IN INDUSTRY, PARTICULARLY THOSE
SUPERVISORS IN DEVELOPING COUNTRIES.

TEACHING CONSERVATION IN DEVELOPING NATIONS PB-292 856/2

BRACE, J. WHITE, R. P. BASS, S. C.

CORP. SOURCE- ACTION/PEACE CORPS, WASHINGTON, DC. JOURNAL
VOL.- U7913 REPORT DATE- 1977 PAGINATION- 262P NTIS
PRICES- PC A12/MF A01

THE GOAL OF CONSERVATION EDUCATION IS TO LEAD THE PUBLIC
THROUGH A SERIES OF STEPS ABOUT NATURE, LAND, AND NATURAL
RESOURCES WHICH INCLUDE: AWARENESS, UNDERSTANDING, RESPECT,
RESPONSIBILITY, AND ACTION. THIS MANUAL PROVIDES IDEAS,
ACTIVITIES, AND RESOURCES FOR INCORPORATING CONSERVATION

EDUCATION INTO DAY-TO-DAY COMMUNITY ACTIVITIES. IT IS STRUCTURED AROUND A LOCAL CENTER WHICH CAN BE USED TO PRESENT AN ON-GOING CONSERVATION EDUCATION PROGRAM BY MEANS OF PICTURES AND POSTERS, EXHIBITS AND COLLECTIONS, FILMS AND DISCUSSIONS.

ECONOMICS TRAINING. PE-292 874/5

CORP. SOURCE- INTERNATIONAL COOPERATION ADMINISTRATION, WASHINGTON, DC. OFFICE OF INDUSTRIAL RESOURCES. JOURNAL VOL.- U7913 DESCRIP. NOTE- TECHNICAL BULLETIN. REPORT DATE- OCT 56 PAGINATION- 34P REPORT NO.- TB-22 NTIS PRICES- PC A03/MF A01

THE DOCUMENT DESCRIBES AN ECONOMIC TRAINING PROGRAM FOR EMPLOYEES WHICH CONTAINS BASIC ELEMENTS OF ECONOMICS IN FOUR SESSIONS: (1) THE SYSTEM IN WHICH WE LIVE; (2) THE COST OF GOVERNMENT; (3) MONEY AND PRICES; AND (4) WAGES AND PRODUCTIVITY.

CAMPAIGNS IN AGRICULTURAL EXTENSION PROGRAMS NUMBER 3
PE-292 879/4

SPAVEN, J. W.

CORP. SOURCE- NATIONAL PROJECT IN AGRICULTURAL COMMUNICATIONS, EAST LANSING, MI. JOURNAL VOL.- U7913 REPORT DATE- 1960 PAGINATION- 26P NTIS PRICES- PC A03/MF A01

THE BOOKLET IS DESIGNED TO HELP THOSE WHO USE CAMPAIGNS IN THEIR EDUCATIONAL AND ADVISORY PROGRAMS. IT LISTS THE FIVE STEPS IN A CAMPAIGN AND THE WHO, WHY, WHEN, AND HOW MANY OF AN EDUCATIONAL CAMPAIGN. THIS IS ONE OF A SERIES OF BOOKLETS DESIGNED TO ANSWER QUESTIONS ABOUT AGRICULTURAL COMMUNICATIONS.

TELE-NIGER: ADAPTING AN ELECTRONIC MEDIUM TO A RURAL AFRICAN
CONTEXT PB-292 904/0

SILVERMAN, T.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. CLEARINGHOUSE ON DEVELOPMENT COMMUNICATION.
JOURNAL VOL.- U7913 REPORT DATE- OCT 76 PAGINATION-
53P REPORT NO.- IE-6 NTIS PRICES- PC A04/MF A01

THE REPORT SHOULD HAVE SOME RELEVANCE TO CURRENT RURAL
DEVELOPMENT PROJECTS APPLYING A RANGE OF MEDIA TO A RANGE OF
PROBLEMS. SOME IMPORTANT LESSONS HAVE BEEN LEARNED FROM
TELE-NIGER AND ARE DISCUSSED IN THE REPORT. THEY INCLUDE A
MODEL FOR EVALUATION, POSITIVE RESULTS, AND LIMITATIONS.

PROBLEMS IN BUSINESS MANAGEMENT - MARKET DEVELOPMENT.
PB-292 945/3

CORP. SOURCE- INTERNATIONAL COOPERATION ADMINISTRATION,
WASHINGTON, DC. OFFICE OF INDUSTRIAL RESOURCES. JOURNAL
VOL.- U7913 DESCRIPTOR NOTE- TECHNICAL BULLETIN. REPORT
DATE- 1962 PAGINATION- 44P REPORT NO.- TB-34 NTIS
PRICES- PC A03/MF A01

PLANNING AND CONTROL OF PRODUCTION AS WELL AS OF COSTS
DEPEND TO A LARGE EXTENT UPON ANTICIPATED SALES. THE
BROCHURE DISCUSSES MARKETING IN ALL ITS VARIOUS ASPECTS.
SELLING IS IMPERATIVE TO ANY BUSINESS, AND FOR THIS REASON
IT TAKES INTO CONSIDERATION THE PSYCHOLOGICAL ASPECT IN
ORDER TO KNOW THE ATTITUDE REQUIRED BY BUSINESS MANAGEMENT.
THE THREE ESSENTIAL FUNCTIONS OF ANY MANAGEMENT WHICH ARE
BASIC FOR ITS BUSINESS ARE: TO FINANCE, TO PRODUCE, AND TO
SELL. ONLY THROUGH SALES CAN A BUSINESS PROGRESS; THEREFORE,
CAN A MANAGEMENT IGNORE THE WORLD AROUND IT AND PRODUCE ONLY
FOR THE PLEASURE OF IT.

CONFERENCE LEADERSHIP TRAINING. PB-292 946/1

CORP. SOURCE- JOHNSON AND JOHNSON, NEW BRUNSWICK, NJ.
JOURNAL VOL.- U7913 DESCRIP. NOTE- TRAINING MANUAL
REPORT DATE- OCT 56 PAGINATION- 49P MNTR. AGENCY.-
ID/TM 21 NTIS PRICES- PC A03/MF A01

THE MANUAL INCLUDES STEPS IN LEADING A CONFERENCE,
TECHNIQUES FOR CONTROLLING AND GUIDING A CONFERENCE,
TECHNIQUES OF THE APPROACH, PRACTICE CONFERENCES, TYPES OF
CONFERENCES, PREPARING AND PLANNING THE CONFERENCE,
RESPONSIBILITIES OF CONFEREES AND SUMMARY OF CONFERENCE
LEADERSHIP TECHNIQUES.

ECONOMICS TRAINING - CHARTS. PB-292 953/7

CORP. SOURCE- INTERNATIONAL COOPERATION ADMINISTRATION,
WASHINGTON, DC. OFFICE OF INDUSTRIAL RESOURCES. JOURNAL
VOL.- U7913 DESCRIP. NOTE- TECHNICAL BULLETIN. REPORT
DATE- APR 61 PAGINATION- 70P REPORT NO.- TB-40 NTIS
PRICES- PC A04/MF A01

THE PAMPHLET CONTAINS CHARTS AND VISUAL AIDS NORMALLY USED
IN CONNECTION WITH THE ECONOMIC TRAINING PROGRAM IN
TECHNICAL BULLETIN NO. 22 ENTITLED 'ECONOMICS TRAINING'.

POWER PLANT TRAINING COURSE - STEAM ACCESSORIES.
PB-292 943/8

CORP. SOURCE- ARMSTRONG CORK CO., LANCASTER, PA. JOURNAL
VOL.- U7914 DESCRIP. NOTE- TECHNICAL BULLETIN. REPORT
DATE- MAR 61 PAGINATION- 54P MNTR. AGENCY.- ICA-TB 16
NTIS PRICES- PC A04/MF A01

THIS PRESENTATION ON STEAM ACCESSORIES WAS DEVELOPED TO HELP
TRAIN EMPLOYEES TO UNDERSTAND FACTS OF IMPORTANCE ABOUT
ACCESSORIES. TO AVOID CONFUSION, NO ATTEMPT HAS BEEN MADE TO
COVER ALL THE ACCESSORIES OF ALL MANUFACTURERS. THE
INFORMATION GIVEN HERE DOES INCLUDE A.S.M.E. TYPES --- A
KNOWLEDGE OF WHICH WILL HELP ANYONE UNDERSTAND ACCESSORIES
OF THE SAME TYPES.

CEILANDRIA ENVIRONMENTAL EDUCATION PROJECT PB-294 425/4

BOTTARO MARQUES, G. A.

CORP. SOURCE- FONDO COLOMBIANO DE INVESTIGACIONES
CIENTIFICAS Y PROYECTOS ESPECIALES, BOGOTA. JOURNAL VOL.-
U7914 REPORT DATE- 1979 PAGINATION- 27P NTIS
PRICES- PC A03/MF A01

THE REPORT IS BASED ON THE BELIEF THAT BY STRENGTHENING THE
ROLE OF EDUCATION THE SCHOOL WILL BE ABLE TO FUNCTION AS A
CENTER OF RESOURCES FOR THE WHOLE COMMUNITY AND IT WILL AID
THE SOCIAL AND EDUCATIONAL REHABILITATION OF NEIGHBORHOODS.
THE OBJECTIVES IN THE PROJECT WERE TO GET THE COMMUNITY TO
REALLY PARTICIPATE IN THE DEVELOPMENT OF THEIR TOWN, MAKE
THEIR HABITAT LESS AGGRESSIVE, AND ACHIEVE A TRUE COMMUNITY
RELATIONSHIP. EMPHASIZED IN THE PROJECT WERE THE TWO
TECHNOLOGIES CONSIDERED APPROPRIATE FOR EDUCATION: (1) OPEN
CURRICULUM, AND (2) THE AUDIO-VISUAL TEACHING PROJECT FOR
EDUCATIONAL COMMUNICATION. AN ANALYSIS OF THE EXPERIENCES OF
THE PROJECT IS INCLUDED IN THE DOCUMENT.

FORMATION PROFESSIONNELLE: CONSEILS AUX MAITRES (TIPS FOR
VOCATIONAL INSTRUCTORS). PB-293 763/9

CORP. SOURCE- ARKANSAS STATE DEPT. OF EDUCATION, LITTLE
ROCK. VOCATIONAL DIV. JOURNAL VOL.- U7915 REPORT DATE-
1978 PAGINATION- 52P NTIS PRICES- PC A04/MF A01

THE REFERENCE GUIDE PRESENTS PRACTICAL METHODS OF
CONTROLLING A CLASS AND PASSING ON KNOWLEDGE. CHAPTERS ARE
DEVOTED TO THE TASK OF THE TEACHER; THE ORGANIZATION OF THE
COURSE; PREPARING THE LESSON; PRINCIPLES OF INSTRUCTION; HOW
TO START A NEW CLASS AND INSTILL INTEREST IN STUDENTS;
TRANSMITTING KNOWLEDGE--INTRODUCTION, PRESENTATION,
ON-THE-JOB TRAINING, TESTS; VARIOUS TEACHING
METHODS--LECTURES, CHATS, DEMONSTRATIONS, FILMS, VISUAL
AIDS, GROUP DISCUSSIONS, BLACKBOARD, ASKING QUESTIONS,
GUIDED STUDIES; AND HOW TO CONDUCT THE CLASS.

SCIENTIFIC AND TECHNICAL COOPERATION WITH DEVELOPING
COUNTRIES 1977-78. PE-293 846/2

AELSEK, F. J. GOMBERG, I. L.

CORP. SOURCE- AMERICAN COUNCIL ON EDUCATION, WASHINGTON, DC.
HIGHER EDUCATION PANEL. JOURNAL VOL.- U7915 DESCRIP.
NOTE- FINAL REPT. REPORT DATE- AUG 78 PAGINATION- 35P
REPORT NO.- HEP-40 GRANT NO.- NSF-SR577-17251 NTIS
PRICES- PC A03/MF A01

THE REPORT PRESENTS SURVEY DATA ON NONIMMIGRANT STUDENTS
FROM DEVELOPING COUNTRIES WHO WERE ENROLLED IN POSTSECONDARY
EDUCATION IN THE UNITED STATES AND ON U.S. FACULTY WHO WERE
INVOLVED IN COOPERATIVE ACTIVITIES FINANCED IN PART WITH
U.S. FUNDS DURING THE 1977-78 ACADEMIC YEAR. THE SURVEY WAS
CONDUCTED BY MEANS OF A QUESTIONNAIRE SENT TO 236
DOCTORATE-GRANTING INSTITUTIONS. THREE FIELDS WERE COVERED:
SCIENCE AND ENGINEERING, HEALTH, AND BUSINESS MANAGEMENT.
QUESTIONNAIRES ASKED FOR INFORMATION ON THE NUMBERS OF
NONIMMIGRANT STUDENTS STUDYING AT THE UNDERGRADUATE,
POST-BACCALAUREATE, AND POSTDOCTORAL LEVELS AND ON THE
NUMBER OF SUCH STUDENTS WHO RECEIVED DIRECT U.S. SUPPORT.
THE SURVEY INCLUDED COOPERATIVE ACTIVITIES CARRIED OUT BY
U.S. FACULTY MEMBERS WITH DEVELOPING COUNTRIES.

EXTENSION TEACHING METHODS AND OTHER FACTORS THAT INFLUENCE
ADOPTION OF AGRICULTURAL AND HOME ECONOMICS PRACTICES
PE-293 866/0

WILSON, M. C. GALLUP, G.

CORP. SOURCE- DEPARTMENT OF AGRICULTURE EXTENSION SERVICE,
WASHINGTON, DC. JOURNAL VOL.- U7915 REPORT DATE- MAY
54 PAGINATION- 87P REPORT NO.- EXTENSIONCIRC-495
NTIS PRICES- PC A05/MF A01

THE BULLETIN IS INTENDED PRIMARILY AS A REFERENCE MANUAL FOR
THOSE WHO ARE CONCERNED WITH THE IMPROVEMENT IN THE USE OF
EXTENSION TEACHING METHODS. THE ESSENTIAL STEPS IN THE ADULT
LEARNING AND TEACHING PROCESS ARE OUTLINED. IMPORTANT
FACTORS WHICH AFFECT THE ADOPTION OF IMPROVED FARM AND HOME
PRACTICES ARE DISCUSSED. VARIOUS TEACHING METHODS ARE
COMPARED ON THE BASIS OF RELATIVE EFFECTIVENESS AND EXTENT
OF USE. ESSENTIAL ELEMENTS, PRINCIPAL ADVANTAGES, AND

LIMITATIONS ARE IDENTIFIED.

EDUCATION BY ALTERNATION PB-294 421/3

EACALINI, G. A.

CORP. SOURCE- FONDO COLOMBIANO DE INVESTIGACIONES
CIENTIFICAS Y PROYECTOS ESPECIALES, BOGOTA. JOURNAL VOL.-
U7915 REPORT DATE- 1979 PAGINATION- 29P NTIS
PRICES- PC A03/MF A01

ALTERNATION IS AN EDUCATIONAL SYSTEM CREATED IN THE RURAL
AREAS OF FRANCE WHICH INVOLVES USING ALTERNATING PERIODS OF
PHYSICAL ACTIVITY WITH PERIODS OF STUDY. THE REPORT
DISCUSSES ALTERNATION AND ITS ORIGIN.

APPROPRIATE TECHNOLOGY FOR A NEW SYSTEM OF EDUCATION
PB-294 570/7

HODA, M. M.

CORP. SOURCE- GANDHIAN INST. OF STUDIES, VARANASI (INDIA).
APPROPRIATE TECHNOLOGY DEVELOPMENT UNIT. JOURNAL VOL.-
U7915 REPORT DATE- 1979 PAGINATION- 13P NTIS
PRICES- PC A02/MF A01

A PLAN AND ORGANIZATION FOR A NEW SYSTEM OF EDUCATION IS
PROPOSED IN THIS PAPER. IT IS AN APPROPRIATE TECHNOLOGY FOR
EDUCATION BECAUSE IT EMPHASIZES ACQUIRING SKILLS AND ARTS IN
THE FIELDS OF VILLAGE ACTIVITIES FROM THE BEGINNING. THE
PURPOSE OF THIS EDUCATION WOULD BE TO MAKE ITS RECIPIENT A
USEFUL MEMBER OF THE COMMUNITY WHO SHOULD BE ABLE TO ENRICH
THE ENVIRONMENT TO WHICH HE BELONGS.

NEW SCHOOL PROJECT PB-294 571/5

COLBERT DE ARBOLEDA, V. MOGOLLON, C.

CORP. SOURCE- FONDO COLOMBIANO DE INVESTIGACIONES
CIENTIFICAS Y PROYECTOS ESPECIALES, BCGOTA. JOURNAL VOL.-
U7915 REPORT DATE- 1979 PAGINATION- 20P NTIS
PRICES- PC A02/MF A01

CONTAINED IN THIS DOCUMENT ARE THREE PARTS. THE FIRST PART DESCRIBES A SERIES OF PROBLEMS THAT CHARACTERIZE EDUCATION IN DEVELOPING COUNTRIES. THE SECOND PART CONSISTS OF A DESCRIPTION OF THE NEW SCHOOL PROJECT WITH THE PRINCIPAL COMPONENTS, METHODS, MECHANISMS, AND EXPECTED RESULTS OF THE IMPLEMENTATION. THE THIRD PART ANALYZES HOW THE NEW SCHOOL PROJECT CONSTITUTES AS AN ALTERNATIVE THAT RESPONDS TO THE EDUCATIONAL NEEDS MORE CHARACTERIZED IN THE UNDERDEVELOPED NATIONS, IN ACCORDANCE WITH THE ASPECTS IN THE FIRST PART.

APPROPRIATE EDUCATION AND ITS CORRELATIVE TECHNOLOGY
PB-294 572/3

TORO, J. A.

CORP. SOURCE- FONDO COLOMBIANO DE INVESTIGACIONES
CIENTIFICAS Y PROYECTOS ESPECIALES, BCGOTA. JOURNAL VOL.-
U7915 REPORT DATE- 1979 PAGINATION- 67P NTIS
PRICES- PC A04/MF A01

THE GENERAL AREAS DISCUSSED INCLUDE: (1) THE VALIDITY OF THE CONCEPT OF 'APPROPRIATE TECHNOLOGY IN EDUCATION'; (2) ITS FUNCTION IN UNDERDEVELOPED COUNTRIES; (3) THE AREAS THAT SUCH A CONCEPT INCLUDES; AND (4) THE POSSIBILITIES FOR INTERNATIONAL, REGIONAL OR SUBREGIONAL ACTION STRATEGIES ORIGINATING FROM AN APPROPRIATE TECHNOLOGY IN EDUCATION.

AN EXPERIMENT IN THE USE OF THE LOW-COST TEACHING
MATERIALS-PACKAGING USEFUL TO SCHOOLS CAMPAIGN
PB-294 574/9

NEREU, J. F.

CORP. SOURCE- FONDO COLOMBIANO DE INVESTIGACIONES
CIENTIFICAS Y PROYECTOS ESPECIALES, BOGOTA. JOURNAL VOL.-
U7915 REPORT DATE- 1979 PAGINATION- 33P NTIS
PRICES- PC A03/MF A01

THE MAIN PURPOSE OF THIS PAPER IS TO SHOW HOW THE PACKAGES
OF THE MOST POPULAR CONSUMER GOODS MAY BE USED AS TEACHING
MATERIALS. DESCRIBED IS THE EXPERIMENT CONDUCTED IN PORTUGAL
BETWEEN OCTOBER 1974 AND FEBRUARY 1977 AND SPONSORED BY THE
MINISTRY OF EDUCATION AND SCIENTIFIC RESEARCH, GENERAL
OFFICE FOR BASIC EDUCATION.

QUICK BIBLIOGRAPHY SERIES: TRAINING MANAGEMENT AND
EVALUATION OF EXTENSION WORK 1970 - 1978 PB-294 184/7

LEWIS, N. H.

CORP. SOURCE- SCIENCE AND EDUCATION ADMINISTRATION,
BELTSVILLE, MD. TECHNICAL INFORMATION SYSTEMS. JOURNAL
VOL.- U7916 REPORT DATE- APR 78 PAGINATION- 44P
REPORT NO.- NALIBL-7811 NTIS PRICES- PC A03/MF A01

THE BIBLIOGRAPHY CONTAINS 278 CITATIONS ON THE TRAINING,
MANAGEMENT, AND EVALUATION OF EXTENSION WORK. THE CITATIONS
WERE TAKEN FROM THE AGRICOLA DATA BASE.

NON-FORMAL EDUCATION ECUADOR'S EXPERIENCE. INTERNATIONAL SEMINARY ON APPROPRIATE TECHNOLOGY IN EDUCATION HELD AT BOGOTA COLOMBIA ON JANUARY 29-FEBRUARY 2 1979
PB-294 637/4

BARRIGA, P. TASIGUANO, E.

CORP. SOURCE- FONDO COLUMBIANO DE INVESTIGACIONES CIENTIFICAS Y PROYECTOS ESPECIALES, BOGOTA. JOURNAL VOL.- U7916 REPORT DATE- 1979 PAGINATION- 20P NTIS PRICES- PC A02/MF A01

THE REPORT DISCUSSES NON-FORMAL EDUCATION AS A SOUND EFFORT IN THE SEARCH FOR ALTERNATIVES FOR THE POPULATION THAT LACKS ACCESS TO SCHOOL EDUCATION. THE PROCESSES USED IN THIS EXPERIMENT IN NON-FORMAL EDUCATION ARE DESCRIBED. THEY ARE: EDUCATIONAL GAMES, THEATER, ILLUSTRATED NOVELS, POSTER AND RADIO. A BIBLIOGRAPHY IS INCLUDED.

EXPERIENCES OF COMMUNITY PARTICIPATION IN NON-SCHOLARIZED INITIAL EDUCATION IN THE DEPARTMENT OF PUNO - PERU
PB-295 179-T

CHALCO, W.

CORP. SOURCE- FONDO COLOMBIANO DE INVESTIGACIONES CIENTIFICAS Y PROYECTOS ESPECIALES, BOGOTA. JOURNAL VOL.- U7916 REPORT DATE- 1979 PAGINATION- 20P NTIS PRICES- PC A02/MF A01

THE PAPER DESCRIBES A PROJECT UNDERTAKEN TO HELP THE RURAL POPULATION IN PUNO, PERU TO DEVELOP BY SUPPLYING THE MAXIMUM EDUCATIONAL OPPORTUNITIES NEEDED TO SATISFY THE MINIMUM ESSENTIAL NEEDS TO LEARN AND FOR INTEGRAL DEVELOPMENT OF THE LARGEST NUMBER OF PEASANT CHILDREN UNDER THE AGE OF SIX. THE PROJECT IS BASED ON COMMUNITY PARTICIPATION AS THE COMMUNITY ORGANIZES ITSELF TO ASSUME RESPONSIBILITY WITH THE GOVERNMENT FOR SOLVING THEIR DIFFERENT PROBLEMS.

TEACHING READING AND CREATIVE WRITING: A LANGUAGE EXPERIENCE
APPROACH. PB-296 052/4

HART, M.

CORP. SOURCE- ACTION/PEACE CORPS, WASHINGTON, DC.
INFORMATION COLLECTION AND EXCHANGE. JOURNAL VOL.- U7916
DESCRIP. NOTE- PROGRAM AND TRAINING JOURNAL REPRINT SERIES
REPORT DATE- SEP 78 PAGINATION- 106P REPORT NO.-
REPRINT SER-20 NTIS PRICES- PC A06/MF A01

THE COURSE OF STUDY WAS DEVELOPED FOR FIVE REMEDIAL READING
CLASSES OF SECONDARY SCHOOL STUDENTS. THE BASIC METHOD USED
HERE CAN BE ADAPTED FOR TEACHING READING AND CREATIVE
WRITING TO STUDENTS FROM THE INFANT SCHOOL LEVEL TO
ADULTHOOD. THE VOCABULARY, OR THOUGHT CONTENT OF THE
MATERIAL, WILL BE RELEVANT TO THE STUDENT BECAUSE IT COMES
FROM HIS OWN BACKGROUND OF EXPERIENCE. THE COURSE OF STUDY
CONSISTS OF RECORDING STORIES DICTATED BY INDIVIDUALS, AND
USING THESE STORIES AS A BASIS FOR DEVELOPING THE REQUIRED
SKILLS FOR READING, AND CREATIVE WRITING.

SYSTEM PLANNING FOR AGRICULTURAL EDUCATION IN DEVELOPING
COUNTRIES. PB-286 164/9

DJAWAN, D. E.

CORP. SOURCE- STANFORD UNIV., CA. COMMUNICATIONS SATELLITE
PLANNING CENTER. JOURNAL VOL.- U7901 DESCRIP. NOTE-
TECHNICAL REPT. REPORT DATE- DEC 76 PAGINATION- 227P
REPORT NO.- TR-14 NTIS PRICES- PC A11/MF A01

A MANPOWER PROJECTION MODEL, DEVELOPED BY IRAN'S PLAN AND
BUDGET ORGANIZATION, IS REVIEWED AND EXTENDED. THE MODEL
PROJECTS EXPECTED GROWTH IN DIFFERENT SECTORS OF IRAN'S
ECONOMY MADE POSSIBLE BY REVENUES FROM OIL EXPORTS. THESE
PROJECTIONS, TOGETHER WITH DESCRIPTIONS OF SKILL NEEDS IN
EACH SECTOR, DETERMINE THE RATES OF TRAINING THAT WOULD BE
REQUIRED TO SUPPORT THE INDICATED GROWTH. THE PROJECTIONS
SHOW MAJOR SHORTAGES IN THE TRAINING CAPACITY OF IRAN'S
EDUCATIONAL INSTITUTIONS, PARTICULARLY IN THE AREAS OF
PROFESSIONALS AND PARA PROFESSIONALS.

TELE-NIGER: ADAPTING AN ELECTRONIC MEDIUM TO A RURAL AFRICAN
CONTEXT. ED-149 781

SILVERMAN, T.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. CLEARINGHOUSE ON DEVELOPMENT COMMUNICATION.
JOURNAL VOL.- U7904 DESCRIP. NOTE- INFORMATION BULLETIN
NO. 8 REPORT DATE- 1976 PAGINATION- 53P AVAIL.
NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE,
ARLINGTON, VA. 22210, PC\$3.50, MF\$0.83 PLUS POSTAGE. NTIS
PRICES- NOT AVAILABLE NTIS

THIS REPORT IS A SUMMARY IN ENGLISH OF A SERIES OF TEN
VOLUMES ENTITLED 'LA TELEVISION SCOLAIRE DU NIGER; 1964-71'
WHICH WAS WRITTEN BY THE ORIGINAL RESEARCH AND PRODUCTION
TEAM OF TELE-NIGER. THE RESPONSES OF THE ORIGINAL TEAM OF
FRENCH EXPERTS TO THE FOLLOWING QUESTIONS ARE PROVIDED: (1)
WHO SHALL BE TAUGHT. (2) WHAT ARE THE PEDAGOGICAL
OBJECTIVES. (3) WHAT ARE THE PEDAGOGICAL ATTITUDES. (4) WHAT
ARE THE AVAILABLE MEANS. (5) WHAT DOES THE TELEVISION MEDIUM
IMPLY. (6) HOW CAN 'RURALIZATION' BE ENSURED. (7) WHAT IS
INTEGRATION AND WHAT ARE ITS IMPLICATIONS. ADDITIONAL
INFORMATION IS PROVIDED RELATING TO THE BACKGROUND OF THE
PROJECT, ITS LIMITATIONS AND SUCCESSES, AND SEVERAL
SIGNIFICANT EVENTS WHICH HAVE OCCURRED FOLLOWING THE
PUBLICATION OF THE INITIAL TEN VOLUMES.

TECHNOLOGY AND EDUCATIONAL REFORM: THE CASE OF EL SALVADOR
ED-152 240

INGLE, H. T.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. INFORMATION CENTER ON INSTRUCTIONAL
TECHNOLOGY. JOURNAL VOL.- U7905 REPORT DATE- JAN 74
PAGINATION- 10P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
REPRODUCTION SERVICE, ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83
PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

THE EDUCATIONAL REFORM EFFORT BEGUN IN 1968 IN EL SALVADOR
IS DESCRIBED IN BOTH ENGLISH AND SPANISH. THE FIRST STAGE
WAS AIMED AT ALLEVIATING THE BOTTLENECK IN THE SCHOOL SYSTEM
AT THE JUNIOR HIGH SCHOOL LEVEL. ALTHOUGH THE TECHNOLOGY OF
INSTRUCTIONAL TELEVISION WAS THE MOST VISIBLE AND HIGHLY

PUBLICIZED ELEMENT OF EL SALVADOR'S EDUCATIONAL REFORM, IT REPRESENTED ONLY ONE PART OF A FUNDAMENTAL AND COMPREHENSIVE CHANGE IN THE EL SALVADOR SCHOOL SYSTEM. THE REFORM'S MAJOR COMPONENTS WERE NEW CURRICULA, RETRAINED TEACHERS, STUDENT WORKBOOKS, TEACHER GUIDES, AND INSTRUCTIONAL TELEVISION. EVALUATION RESULTS SHOWED INCREASES IN STUDENT LEARNING AND FAVORABLE STUDENT ATTITUDES, BUT PROBLEMS WITH TEACHER MORALE. ALSO DISCUSSED ARE COST ISSUES AND THE FUTURE OF THE GRADUATES OF THE REFORMED EDUCATION SYSTEM.

LEARNING DEPENDS MORE ON HOW A MEDIUM IS USED THAN ON WHICH MEDIUM IS USED. ED-152 242

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, WASHINGTON, DC. INFORMATION CENTER ON INSTRUCTIONAL TECHNOLOGY. JOURNAL VOL.- U7905 REPORT DATE- MAY 74 PAGINATION- 10P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE, ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83 PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

A SERIES OF ANALYTICAL STUDIES ON LEARNING, COST, AND FIELD PROJECTS, CONDUCTED BY WILBUR SCHRAMM AND HIS ASSOCIATES AT THE INSTITUTE FOR COMMUNICATION RESEARCH AT STANFORD UNIVERSITY, ARE REVIEWED IN THIS ISSUE. THE RESEARCHERS ANALYZED THE POTENTIAL OF INSTRUCTIONAL TECHNOLOGIES IN DEVELOPING COUNTRIES WITH PARTICULAR REFERENCE TO: (1) INTERMEDIATE TECHNOLOGIES SUCH AS RADIO, AUDIO CASSETTES, AND PRINT; (2) USE OF MEDIA FOR OUT OF SCHOOL POPULATIONS; AND (3) WAYS IN WHICH MEDIA MAY BE COMBINED TO COMPLEMENT AND REINFORCE EACH OTHER. THEY CONCLUDED THAT THE USES OF RELATIVELY INEXPENSIVE MEDIA SUCH AS RADIO HAVE NOT BEEN ADEQUATELY EXPLORED, AND THAT VARIATION IN LEARNING IS MORE DEPENDENT ON HOW A MEDIUM IS USED THAN ON WHICH MEDIUM IS USED. TWO STUDIES ARE DISCUSSED IN DEPTH: INSTRUCTIONAL TELEVISION IN AMERICAN SAMOA, AND MEXICAN TELESECUNDARIA.

TECHNOLOGY IS THE ANSWER BUT WHAT WAS THE QUESTION
ED-152 243

TUNG, C. T.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. INFORMATION CENTER ON INSTRUCTIONAL
TECHNOLOGY. JOURNAL VOL.- U7905 REPORT DATE- AUG 74
PAGINATION- 8P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
REPRODUCTION SERVICE, ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83
PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

CAC THANH TUNG REPORTS ON A ONE-MONTH SEMINAR/WORKSHOP ON
PLANNING FOR THE USE OF EDUCATIONAL BROADCAST MEDIA FOR
NATIONAL DEVELOPMENT, WHICH WAS SPONSORED BY UNESCO AND HELD
IN SOUTH VIET NAM IN JUNE 1974. THE SEMINAR PLACED EMPHASIS
ON THE IMPORTANCE OF INTEGRATING EDUCATIONAL MEDIA
TECHNOLOGY INTO PROGRAMS FOR EDUCATIONAL CHANGE, RATHER THAN
PLACING EMPHASIS ON TECHNOLOGY FOR ITS OWN SAKE. TIMOTHY W.
KENNEDY REPORTS ON THE USE OF VIDEO TAPE AND FILM IN THE
COMMUNITY ACTION PROCESS IN THE SKYVIEW PROJECT ON THE YUKON
RIVER IN ALASKA. THREE TYPES OF LOCALLY PRODUCED FILMS ARE
DISCUSSED: (1) DIRECT COMMUNICATION FILMS, (2) ORAL HISTORY
FILMS, AND (3) ENTERTAINMENT FILMS. ALSO INCLUDED IN THIS
ISSUE ARE EVALUATION REPORTS ON THE RADIO SCHOOL OF
TARAHUMARA AND RADIOPRIMARIA; BOTH RADIO SCHOOLS ARE
INVOLVED IN PRIMARY EDUCATION IN MEXICO.

TECHNOLOGY AND EDUCATIONAL REFORM: THE CASE OF IVORY COAST
(PART I) ED-152 244

GRANT, S. H.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. INFORMATION CENTER ON INSTRUCTIONAL
TECHNOLOGY. JOURNAL VOL.- U7905 REPORT DATE- OCT 74
PAGINATION- 10P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
REPRODUCTION SERVICE, ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83
PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

THIS ARTICLE TRACES THE HISTORICAL DEVELOPMENT OF IVORY
COAST'S EDUCATIONAL TELEVISION SYSTEM. INCLUDED ARE: (1)
BACKGROUND INFORMATION AND INITIAL PLANNING, (2) STRUCTURAL
ORGANIZATION INCLUDING EVALUATION AND MAINTENANCE, (3)
PROVISIONS FOR INSERVICE TEACHER TRAINING AND ADULT

EDUCATION, (4) WRITTEN MATERIALS PRODUCTION, AND (5) PROGRAM EVOLUTION. IN ADDITION TO THE TELEVISION HARDWARE, A COMPLETELY REVAMPED CURRICULAR PROGRAM CONCEIVED IN IVORY COAST FOR IVORIANS WAS DEVELOPED. THE IVORIAN EDUCATIONAL TELEVISION PROJECT IS SEEN AS A MAJOR TOOL FOR DEVELOPMENT, INTENDED TO BENEFIT THE OVERALL YOUTH OF THE COUNTRY AS WELL AS THE ADULT RURAL POPULATION.

BUILDING A STRONG EXTENSION SERVICE. A GUIDE FOR EXTENSION ADMINISTRATORS PB-266 579/8

JANS, F.

CORP. SOURCE- DEPARTMENT OF AGRICULTURE EXTENSION SERVICE, WASHINGTON, DC. JOURNAL VOL.- U7905 REPORT DATE- JUL 69 PAGINATION- 17P NTIS PRICES- PC A02/MF A01

THE PURPOSE OF AGRICULTURAL EXTENSION IS TO CARRY THE APPLICATION OF SCIENCE IN THE FIELDS OF AGRICULTURAL PRODUCTION AND FAMILY LIVING TO PEOPLE WHO USE THE LANDS REGARDLESS OF THEIR EDUCATIONAL LEVEL OR STAGE IN LIFE. IT ALSO PROVIDES A GOOD CHANNEL THROUGH WHICH PRACTICAL PROBLEMS IMPORTANT TO FARM PEOPLE ARE CALLED TO THE ATTENTION OF RESEARCH INSTITUTIONS. THE BULLETIN DISCUSSES SOME OF THE FUNDAMENTAL STEPS ESSENTIAL IN ESTABLISHING AN EFFECTIVE EXTENSION SERVICE. IT HAS BEEN PREPARED BY RECOGNIZED LEADERS EXPERIENCED IN THIS FIELD.

CREATION D'UN SERVICE DE VULGARISATION AGRICOLE (BUILDING A STRONG EXTENSION SERVICE. A GUIDE FOR EXTENSION ADMINISTRATORS) PB-286 580/6

JANS, F.

CORP. SOURCE- DEPARTMENT OF AGRICULTURE EXTENSION SERVICE, WASHINGTON, DC. JOURNAL VOL.- U7905 REPORT DATE- 1969 PAGINATION- 34P NTIS PRICES- PC A03/MF A01

THE PURPOSE OF AGRICULTURAL EXTENSION IS TO CARRY THE APPLICATION OF SCIENCE IN THE FIELDS OF AGRICULTURAL PRODUCTION AND FAMILY LIVING TO PEOPLE WHO USE THE LANDS REGARDLESS OF THEIR EDUCATIONAL LEVEL OR STAGE IN LIFE. IT ALSO PROVIDES A GOOD CHANNEL THROUGH WHICH PRACTICAL

PROBLEMS IMPORTANT TO FARM PEOPLE ARE CALLED TO THE ATTENTION OF RESEARCH INSTITUTIONS. THE BULLETIN DISCUSSES SOME OF THE FUNDAMENTAL STEPS ESSENTIAL IN ESTABLISHING AN EFFECTIVE EXTENSION SERVICE. IT HAS BEEN PREPARED BY RECOGNIZED LEADERS EXPERIENCED IN THIS FIELD.

TECHNOLOGY AND EDUCATIONAL REFORM: THE CASE OF IVORY COAST
(PART II) ED-152 245

GRANT, S. H.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. INFORMATION CENTER ON INSTRUCTIONAL
TECHNOLOGY. JOURNAL VOL.- U7906 REPORT DATE- FEB 75
PAGINATION- 12P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
REPRODUCTION SERVICE, ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83
PLUS POSTAGE. NTIS PRICES- NOT AVAILAELE NTIS

THIS ARTICLE EXAMINES THE EVALUATIVE ASPECTS OF IVORY
COAST'S EDUCATIONAL TELEVISION SYSTEM. IT IS LESS AN
ANALYSIS OF EVALUATION RESULTS THAN A DESCRIPTION OF THE
TYPES OF EVALUATION DATA BEING GENERATED. IT DISCUSSES THE
DEVELOPMENT OF THE EVALUATION COMPONENT OF THE PROJECT IN
TERMS OF: (1) TYPES OF EVALUATION TO BE UNDERTAKEN, (2)
IDENTITY OF FUNDING AGENTS, (3) ORGANIZATION OF EVALUATION
ACTIVITIES, (4) PURPOSE AND USE OF EVALUATION RESULTS, AND
(5) ROLE OF IVORIAN NATIONALS. FIELD TEACHER OPINIONS AND
ATTITUDES, STATISTICAL INFORMATION RELATING TO TELEVISION
TEACHERS, AND COST FACTORS ARE ALSO CONSIDERED. A SUMMARY IN
SPANISH OF PARTS I AND II OF THE IVORY COAST EDUCATIONAL
TELEVISION ARTICLE IS INCLUDED.

FOLK MEDIA IN DEVELOPMENT. ED-152 246

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. INFORMATION CENTER ON INSTRUCTIONAL
TECHNOLOGY. JOURNAL VOL.- U7906 REPORT DATE- SEP 75
PAGINATION- 18P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
REPRODUCTION SERVICE, ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83
PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

THIS ISSUE IS DEDICATED TO FOLK MEDIA. USING INDONESIA FOR
HIS CASE STUDY, DR. NAT COLLETTA ANALYZES TRADITIONAL

CULTURE AS A MEDIUM FOR DEVELOPMENT. JUAN DIAZ BORDENAVE EXPRESSES DOUBTS ABOUT ADAPTING FOLK MEDIA TO DEVELOPMENT OBJECTIVES; SUSAN HOSTETLER AND ARTHUR GILLETTE REPORT ON USES OF THE THEATER TO PROMOTE DEVELOPMENT OBJECTIVES; AND HENRY T. INGLE REVIEWS THREE ARTICLES ON THE ROLE OF HIGHER EDUCATION IN THE DEVELOPMENT PROCESS IN LATIN AMERICA. CONFERENCE REPORTS ARE INCLUDED FROM: (1) THE 1974 NEW DELHI SEMINAR AND WORKSHOP ON FOLK MEDIA, (2) THE 1972 IPPF/UNESCO EXPERT GROUP MEETING TO DISCUSS THE INTEGRATED USE OF FOLK MEDIA AND MASS MEDIA IN FAMILY PLANNING COMMUNICATION PROGRAMS, AND (3) THE 1975 EAST WEST COMMUNICATION INSTITUTE SEMINAR ON TRADITIONAL MEDIA.

WHAT IS EDUCATIONAL TECHNOLOGY ED-152 247

INGLE, H. T.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, WASHINGTON, DC. INFORMATION CENTER ON INSTRUCTIONAL TECHNOLOGY. JOURNAL VOL.- U7906 REPORT DATE- JUN 75 PAGINATION- 10P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE, ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83 PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

FEATURED IN THIS ISSUE ARE THE ENGLISH TRANSLATIONS OF TWO SPEECHES DELIVERED TO GRADUATE STUDENTS IN EDUCATIONAL TECHNOLOGY AT PONTIFICIA UNIVERSIDADE, PORTO ALEGRE, BRAZIL. HENRY INGLE DEFINES EDUCATIONAL TECHNOLOGY IN THE TRADITIONAL AS WELL AS MODERN SENSE, DESCRIBES ITS ESSENTIAL ELEMENTS, AND DISCUSSES SITUATIONS IN WHICH THE USE OF TECHNOLOGY IS MOST APPROPRIATE AND EFFICIENT. HE ALSO PROVIDES A FORMULA FOR FAILURE IN EDUCATIONAL TECHNOLOGY DEVELOPED FROM PRACTICAL EXPERIENCE. THEREZA PENNA FIRME DISCUSSES THE ROLE OF TELEVISION AS A TECHNOLOGY IN THE LIVES OF CHILDREN, COMMENTS ON THE IMPORTANCE OF THE HUMAN ELEMENT IN TECHNOLOGY, AND EMPHASIZES THAT ALL EDUCATIONAL MESSAGES SHOULD BE SIMPLE ENOUGH TO BE UNDERSTOOD, RELEVANT, AND STIMULATING. ALSO IN THIS ISSUE IS A DESCRIPTION OF AN EXPERIMENTAL AUDIOVISUAL SYSTEM CALLED THE ELECTRONIC OR TELE-BLACKBOARD, WHICH TRANSMITS SCRIBOSONIC (COMBINATION OF SPEECH AND WRITING) SIGNALS.

HEALTH EDUCATION BY OPEN BROADCAST. ED-152 249

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. INFORMATION CENTER ON INSTRUCTIONAL
TECHNOLOGY. JOURNAL VOL.- U7906 REPORT DATE- JUL 76
PAGINATION- 12P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
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THIS ISSUE FOCUSES ON USES AND TECHNIQUES OF RADIO FOR
EDUCATIONAL PURPOSES IN DEVELOPING NATIONS. TWO HEALTH
EDUCATION PROJECTS ARE DESCRIBED WHICH ARE UTILIZING OPEN
BROADCASTING TO ATTRACT A MASS AUDIENCE OF LISTENERS NOT
COMMITTED TO A STRUCTURED RADIO EDUCATION PROGRAM. KENYA'S
SWAHILI LANGUAGE RADIO SERIAL, 'GIVING BIRTH AND CARING FOR
YOUR CHILDREN,' UTILIZES THREE POPULAR RADIO COMEDIANS IN AN
IMPROVISED DIALOGUE INTEGRATING HEALTH INFORMATION WITH
HUMOR. IN NICARAGUA, SIX ONE-MINUTE RADIO MESSAGES ON HEALTH
TOPICS WILL BE BROADCAST TEN TO FIFTEEN TIMES PER STATION
PER DAY FOR AN ENTIRE YEAR; THIS APPROACH IS BASED ON
COMMERCIAL ADVERTISING STRATEGY AND PHILOSOPHY. ALSO
INCLUDED IN THIS ISSUE ARE A REPORT FROM THE INTERNATIONAL
CONFERENCE ON ADULT EDUCATION AND DEVELOPMENT HELD IN
TANZANIA, AND TWO REPORTS ON THE USE OF FOLK CULTURE IN
MEDIA DEVELOPMENT.

COMMUNICATIONS AND DEVELOPMENT: TWO VIEWS. ED-152 251

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. CLEARINGHOUSE ON DEVELOPMENT COMMUNICATION.
JOURNAL VOL.- U7906 REPORT DATE- JUL 77 PAGINATION-
10P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
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PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

TWO VIEWS ON CURRENT INTERNATIONAL COMMUNICATION ARE
PRESENTED--THAT OF AN AMERICAN ACADEMICIAN, AND THAT OF AN
INDIAN JOURNALIST. JOHN LENT TRACES THE RISE OF DEVELOPMENT
JOURNALISM AND DEVELOPMENT COMMUNICATION FROM THE POINT OF
VIEW OF THOSE WHO BELIEVE THAT INDIVIDUAL FREEDOM OF
EXPRESSION SHOULD BE TREATED AS AN INVICIBLE RIGHT.
NARINDER AGGARWALA, SYMPATHETIC TO THE COLLECTIVIST
ORIENTATION OF MANY THIRD WORLD STATES, PROPOSES A PATH OF
ACCOMMODATION AND COMPROMISE. ALSO IN THIS ISSUE IS AN
ARTICLE DISCUSSING THE INDIAN TEACHER EDUCATION PROGRAM

DEVELOPED FOR THE SATELLITE INSTRUCTIONAL TELEVISION
EXPERIMENT (SITE).

THE NUTRITION MESSAGE AND THE MASS MEDIA. ED-152 252

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT,
WASHINGTON, DC. CLEARINGHOUSE ON DEVELOPMENT COMMUNICATION.
JOURNAL VOL.- U7906 REPORT DATE- SEP 77 PAGINATION-
12P AVAIL. NOTE- AVAILABLE FROM ERIC DOCUMENT
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PLUS POSTAGE. NTIS PRICES- NOT AVAILABLE NTIS

THREE ARTICLES ARE BOUND BY TWO ASSUMPTIONS: (1) MASS MEDIA
CAN PLAY A KEY ROLE IN NUTRITION EDUCATION IN DEVELOPING
NATIONS, AND (2) THE FULL POTENTIAL OF MASS MEDIA NUTRITION
EDUCATION PROGRAMS WILL NOT BE REALIZED UNTIL PROJECT
EVALUATION BECOMES MORE RIGOROUS. MARK RASMUSON TRACES THE
EVOLUTION OF MASS MEDIA IN NUTRITION EDUCATION AND DESCRIBES
THREE WIDELY USED MEDIA APPROACHES. JOANNE IESLIE LINKS THE
ELEMENTS OF A SUCCESSFUL NUTRITION EDUCATION PROJECT TO THE
ELEMENTS OF A WELL CONDUCTED EVALUATION. IN A SECOND
ARTICLE, SHE REVIEWS FIVE NUTRITION PROJECTS AND THEIR
EVALUATIONS. ALSO INCLUDED IN THIS BULLETIN IS AN ACCOUNT OF
A DEVELOPMENT PROJECT FOR EDUCATIONAL RADIO WHICH FAILED.

EDUCATION IN HEALTH. FB-286 454/4

CORP. SOURCE- AGENCY FOR INTERNATIONAL DEVELOPMENT,
WASHINGTON, DC. JOURNAL VOL.- U7906 REPORT DATE- 1964
PAGINATION- 126P NTIS PRICES- PC A07/MF A01

THE MATERIAL IN THIS PUBLICATION PRESENTS THE GROUP THINKING
OF MANY HEALTH WORKERS OF VARIOUS PROFESSIONAL SKILLS, WHO
PARTICIPATED IN A HEALTH CONFERENCE IN THE PHILIPPINES. THIS
REPORT IS DESIGNED AS A TRAINING AID AND HANDY REFERENCE FOR
THE USE OF HEALTH WORKERS EVERYWHERE. THE FUNCTIONS OF THE
HEALTH EDUCATOR AND PUBLIC ADMINISTRATOR IN THE PREVENTION
AND TREATMENT OF MALARIA ARE DISCUSSED AS WELL AS THE
IMPORTANCE OF EDUCATING PEOPLE IN THE AREA OF SANITATION.
THE ROLE OF THE HEALTH EDUCATOR AND PUBLIC ADMINISTRATOR IN
ESTABLISHING A SCHOOL HEALTH PROGRAM TO TEACH CHILDREN AND
SCHOOL PERSONNEL TO ATTAIN AND MAINTAIN GOOD HEALTH ARE
DISCUSSED. METHODS OF DEALING WITH COMMUNITY ATTITUDES IN

MATERNAL AND CHILD CARE ARE EXPLAINED.

L'EDUCATION SANITAIRE (EDUCATION IN HEALTH). PB-286 455/1

CORP. SOURCE- AGENCY FOR INTERNATIONAL DEVELOPMENT,
WASHINGTON, DC. JOURNAL VOL.- U7906 REPORT DATE- 1964
PAGINATION- 144P NTIS PRICES- PC A07/MF A01

THE MATERIAL IN THIS PUBLICATION PRESENTS THE GROUP THINKING OF MANY HEALTH WORKERS OF VARIOUS PROFESSIONAL SKILLS, WHO PARTICIPATED IN A HEALTH CONFERENCE IN THE PHILIPPINES. THIS REPORT IS DESIGNED AS A TRAINING AID AND HANDY REFERENCE FOR THE USE OF HEALTH WORKERS EVERYWHERE. THE FUNCTIONS OF THE HEALTH EDUCATOR AND PUBLIC ADMINISTRATOR IN THE PREVENTION AND TREATMENT OF MALARIA ARE DISCUSSED AS WELL AS THE IMPORTANCE OF EDUCATING PEOPLE IN THE AREA OF SANITATION. THE ROLE OF THE HEALTH EDUCATOR AND PUBLIC ADMINISTRATOR IN ESTABLISHING A SCHOOL HEALTH PROGRAM TO TEACH CHILDREN AND SCHOOL PERSONNEL TO ATTAIN AND MAINTAIN GOOD HEALTH ARE DISCUSSED. METHODS OF DEALING WITH COMMUNITY ATTITUDES IN MATERNAL AND CHILD CARE ARE EXPLAINED.

LA PREVISION DES BESOINS EN MAIN-D'OEUVRE (THE FORECASTING OF MANPOWER REQUIREMENTS) PB-286 576/4

SUGG, M. R. PROCHNOW, L. A.

CORP. SOURCE- BUREAU OF LABOR STATISTICS, WASHINGTON, DC.
DIV. OF FOREIGN LABOR CONDITIONS. JOURNAL VOL.- U7907
REPORT DATE- 1968 PAGINATION- 96P NTIS PRICES- PC
A05/MF A01

THE HANDBOOK HAS BEEN WRITTEN TO ASSIST ECONOMISTS AND STATISTICIANS IN THE ECONOMICALLY DEVELOPING COUNTRIES IN INITIATING AND CONDUCTING STUDIES FOR DETERMINING FUTURE MANPOWER REQUIREMENTS IN RELATION TO ANTICIPATED DEVELOPMENT. IT OUTLINES A METHOD OF ESTIMATING FUTURE MANPOWER REQUIREMENTS BY OCCUPATION AND INDUSTRY AND FUTURE TRAINING REQUIREMENTS FOR HIGH-LEVEL OCCUPATIONS.

AN ANNOTATED LISTING OF TRAINING INSTITUTIONS OFFERING
COMMUNICATIONS COURSES TO DEVELOPING-COUNTRY PERSONNEL
PB-290 348/2

MOULTON, J. SPAIN, P.

CORP. SOURCE- STANFORD UNIV., CA. INST. FOR COMMUNICATION
RESEARCH. JOURNAL VOL.- U7908 REPORT DATE- JUL 78
PAGINATION- 83P CONT. NO.- AID/TA-C-1472 NTIS PRICES-
PC A05/MF A01

THIS DOCUMENT LISTS INSTITUTIONS IN THE U.S., CANADA AND
WESTERN EUROPE THAT EITHER PRESENTLY OFFER OR HAVE THE
POTENTIAL TO OFFER COMMUNICATION FOR DEVELOPMENT TRAINING.
EMPHASIS WAS PLACED ON TRAINING IN BROADCASTING AND IN
SOCIAL SCIENCE APPROACHES TO COMMUNICATION AND DEVELOPMENT.
EACH INSTITUTION IS DESCRIBED BRIEFLY IN TERMS OF PROGRAMS
RELEVANT TO THIS SURVEY, FACULTY AND STUDENT ACTIVITIES, AND
INTEREST EXPRESSED IN FURTHER COOPERATION WITH USAID.

A DESCRIPTION OF 15 U.S. TRAINING INSTITUTIONS OFFERING
COMMUNICATIONS COURSES TO DEVELOPING-COUNTRY PERSONNEL
(BASED ON SITE VISITS) PB-290 397/9

MOULTON, J. SPAIN, P.

CORP. SOURCE- STANFORD UNIV., CA. INST. FOR COMMUNICATION
RESEARCH. JOURNAL VOL.- U7908 REPORT DATE- JUL 78
PAGINATION- 268P CONT. NO.- AID/TA-C-1472 NTIS PRICES-
PC A12/MF A01

BASED ON SITE VISITS, THE PURPOSE OF THIS INVENTORY IS TO
PROVIDE INFORMATION TO THE DEVELOPMENT SUPPORT BUREAU OF THE
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT ABOUT DEVELOPMENT
COMMUNICATION TRAINING PROGRAMS WITHIN THE U.S. FOR STUDENTS
FROM DEVELOPING COUNTRIES. THESE PROGRAMS MIGHT OFFER EITHER
GRADUATE TRAINING AT THE MASTER'S PH.D. LEVEL OR SHORT-TERM
NON-DEGREE TRAINING. THE SURVEY IS LIMITED TO COMMUNICATION
TRAINING IN THE ELECTRONIC MEDIA AND INSTRUCTIONAL
TECHNOLOGY, EXCLUDING PRINT JOURNALISM. IT DOES INCLUDE
TRAINING FOR COMMUNICATION RESEARCH AND POLICY PLANNING.

MANPOWER FORECASTING MODEL FOR EDUCATIONAL PLANNING.
PB-291 515/5

BOETTCHER, J. BREKKA, L. T.

CORP. SOURCE- STANFORD UNIV., CA. COMMUNICATIONS SATELLITE
PLANNING CENTER. JOURNAL VOL.- U7908 DESCRIP. NOTE-
TECHNICAL REPT. REPORT DATE- DEC 76 PAGINATION- 73P
REPORT NO.- TR-13 CONT. NO.- NIRT-1 NTIS PRICES- PC
A04/MF A01

THE NATIONAL CROPPING PLAN OF IRAN IS REVIEWED TO DEFINE THE
CRITICAL IMPROVEMENTS IN FARMING TECHNIQUES REQUIRED TO MEET
FOOD PRODUCTION NEEDS. CHANGES THAT DEPEND ON THE EDUCATION
OF IRAN'S SMALL FARMERS ARE ISOLATED AND ORGANIZED INTO A
SERIES OF INFORMATIONAL PROGRAMS FOR TELEVISION OR RADIO.
IRANIAN AND INTERNATIONAL AGRICULTURAL EXPERTS OUTLINE OVER
150 PROGRAM SEGMENTS COVERING THE CRITICAL PRACTICES. THE
PROGRAM SEGMENTS ARE ORGANIZED INTO EIGHT BROADCAST AREA
SCHEDULES TO SUIT THE AGRO-CLIMATIC CONDITIONS AND CROP
SELECTIONS IN DIFFERENT PARTS OF THE COUNTRY. THE PROCEDURES
TO ORGANIZE THE PROGRAM INFORMATION AND BROADCAST SCHEDULES
AND MUCH OF THE SUBJECT CONTENT ITSELF IS FELT TO BE
APPLICABLE TO OTHER DEVELOPING AGRICULTURAL COUNTRIES.

AN OUTLINE FOR TEACHING CONSERVATION IN HIGH SCHOOLS.
PB-286 619/2

CORP. SOURCE- SOIL CONSERVATION SERVICE, WASHINGTON, DC.
JOURNAL VOL.- U7909 REPORT DATE- AUG 52 PAGINATION-
24P NTIS PRICES- PC A02/MF A01

THIS BOOKLET IS WRITTEN TO DEVELOP AN APPRECIATION FOR
NATURAL RESOURCES AND TO SHOW THE NEED FOR THE CONSERVATION
OF THEM. IT IS DIVIDED INTO SEVENTEEN AREAS FOR THE STUDY OF
CONSERVATION WHICH INCLUDE THE SCIENCES, ENGLISH, MATH, THE
SOCIAL SCIENCES, POLITICAL SCIENCE, ECONOMICS, AND THE
PRACTICAL ARTS.

MOMENTO DE CONSERVATION DES RESSOURCES NATURELLES (AN OUTLINE FOR TEACHING CONSERVATION IN HIGH SCHOOLS). PB-286 620/0

CORP. SOURCE- SOIL CONSERVATION SERVICE, WASHINGTON, DC.
JOURNAL VOL.- U7909 REPORT DATE- AUG 52 PAGINATION-
72P NTIS PRICES- PC A04/MF A01

THIS BOOKLET IS WRITTEN TO DEVELOP AN APPRECIATION FOR NATURAL RESOURCES AND TO SHOW THE NEED FOR THE CONSERVATION OF THEM. IT IS DIVIDED INTO SEVENTEEN AREAS FOR THE STUDY OF CONSERVATION WHICH INCLUDE THE SCIENCES, ENGLISH, MATH, THE SOCIAL SCIENCES, POLITICAL SCIENCE, ECONOMICS, AND THE PRACTICAL ARTS.

DETERMINATION DES APTITUDES ET DE LA FORMATION REQUISES POUR LA MAIN-D'OEUVRE (TECHNIQUES FOR DETERMINING MANPOWER SKILL NEEDS AND TRAINING REQUIREMENTS) PB-287 260/4

THAL-LARSEN, M.

CORP. SOURCE- BUREAU OF EMPLOYMENT SECURITY, WASHINGTON, DC.
JOURNAL VOL.- U7909 REPORT DATE- MAY 63 PAGINATION-
130P NTIS PRICES- PC A07/MF A01

THIS REPORT IS A HANDBOOK OF SIMPLIFIED TECHNIQUES FOR USE IN DEVELOPING COUNTRIES. THE HANDBOOK INCLUDES METHODS FOR DETERMINING CURRENT SKILL NEEDS AND FOR INTRODUCING A CONTINUING PROGRAM OF MANPOWER REPORTING. THE THREE AREAS DISCUSSED IN THIS HANDBOOK ARE: MANPOWER PLANNING IN ECONOMIC PLANNING; THE AREA MANPOWER SKILL SURVEY; AND OCCUPATIONAL GUIDES. ALSO INCLUDED IN THE HANDBOOK IS A SECTION OF WORKSHEETS TO BE USED IN THE PRACTICAL APPLICATION OF THE TECHNIQUES DISCUSSED.

TECHNIQUES FOR DETERMINING MANPOWER SKILL NEEDS AND TRAINING
REQUIREMENTS PB-287 261/2

THAL-LARSEN, M.

CORP. SOURCE- BUREAU OF EMPLOYMENT SECURITY, WASHINGTON, DC.
JOURNAL VOL.- U7909 REPORT DATE- MAY 63 PAGINATION-
154P NTIS PRICES- PC A08/MF A01

THIS REPORT IS A HANDBOOK OF SIMPLIFIED TECHNIQUES FOR USE
IN DEVELOPING COUNTRIES. THE HANDBOOK INCLUDES METHODS FOR
DETERMINING CURRENT SKILL NEEDS AND FOR INTRODUCING A
CONTINUING PROGRAM OF MANPOWER REPORTING. THE THREE AREAS
DISCUSSED IN THIS HANDBOOK ARE: MANPOWER PLANNING; THE AREA
MANPOWER SKILL SURVEY; AND OCCUPATIONAL GUIDES. ALSO
INCLUDED IN THE HANDBOOK IS A SECTION OF WORKSHEETS TO BE
USED IN THE PRACTICAL APPLICATION OF THE TECHNIQUES
DISCUSSED.

PLANNING FOR SATELLITE BROADCASTING: THE INDIAN
INSTRUCTIONAL TELEVISION EXPERIMENT. ED-146 898

CHANDER, R. KARNIK, K.

CORP. SOURCE- UNITED NATIONS EDUCATIONAL, SCIENTIFIC, AND
CULTURAL ORGANIZATION, PARIS (FRANCE). JOURNAL VOL.-
U7823 DESCRIP. NOTE- REPT. NO. 78 REPORT DATE- 1976
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REPRODUCTION SERVICE, ARLINGTON, VA. 22210, MF\$0.83 ONLY,
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HILL STATION, NEW YORK, N.Y. 10016 (\$2.65). NTIS PRICES-
NOT AVAILABLE NTIS

THIS DOCUMENT REPORTS ON THE TECHNICAL AND PROGRAMMATIC
PLANNING STAGES OF THE SATELLITE INSTRUCTIONAL TELEVISION
EXPERIMENT (SITE), WHICH WAS UNDERTAKEN BY INDIA IN 1975-76
UTILIZING THE FIRST SATELLITE CAPABLE OF TRANSMITTING
TELEVISION PROGRAMS DIRECTLY TO COMMUNITY RECEIVERS.
PROGRAMMATIC PLANNING INCLUDES PROGRAM OBJECTIVES, THE
MECHANICS OF PROGRAMMING, CONTENT FOR ADULTS AND CHILDREN,
DEVELOPMENT OF A MULTI-MEDIA PACKAGE FOR INSERVICE TEACHER
TRAINING, AND THE DETERMINATION OF PRIORITIES IN EDUCATION,
AGRICULTURE, HEALTH, NUTRITION, AND POPULATION CONTROL.
TECHNICAL PLANNING INCLUDES VILLAGE SELECTION, THE DIRECT
RECEPTION SYSTEM, AND AN EVALUATION PLAN. EXTENSIVE

INTERDISCIPLINARY COOPERATION WAS DEMANDED BY THE NATURE OF THE PROJECT.

SUMMARY REPORT ON THE RADIO FARM FORUM PILOT PROJECT
ED-146 916

PURNASIRI, S. GRIFFIN, R. S.

CORP. SOURCE- UNITED NATIONS DEVELOPMENT PROGRAMME, BANGKOK (THAILAND). JOURNAL VOL.- U7823 REPORT DATE- NOV 76
PAGINATION- 12P REPORT NO.- RB-336 AVAIL. NOTE-
AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE,
ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83 PLUS POSTAGE. NTIS
PRICES- NOT AVAILABLE NTIS

THE MAIN OBJECTIVE OF THE PROGRAM WAS TO OBTAIN QUALITATIVE DATA ON THE VALUE OF RADIO FARM FORUMS (RFF), TO BOTH THE FARMERS AND THE EXTENSION SERVICE, IN TERMS OF FACILITATING TWO-WAY COMMUNICATION BETWEEN THE TWO PARTIES. THE CONCEPT OF RFF IS TO PROVIDE AGRICULTURAL INFORMATION THROUGH INTEGRATED USE OF MASS MEDIA AND INTERPERSONAL COMMUNICATION CHANNELS (RADIO, PUBLICATIONS, FIELD WORKER VISITS) FOR AN AUDIENCE WHICH HAS BEEN ORGANIZED INTO FORUMS. THE PROJECT WAS CONDUCTED IN EIGHT VILLAGES IN KHON KAEN PROVINCE, NORTHEAST THAILAND, WHICH WERE SELECTED (OUT OF 47 VILLAGES) BY APPLICATION OF THE QUARTILE RANKING METHOD TO EXISTING SOCIO-ECONOMIC AND AGRO-ECONOMIC DATA. A TRAINING PROGRAM WAS DEVELOPED FOR FORUM LEADERS FROM THE VILLAGES. THE RFF WERE BROADCAST ONCE A WEEK FOR 20 WEEKS, WITH THE LEADERS CONDUCTING DISCUSSION PERIODS IMMEDIATELY AFTER EACH PROGRAM. THE RFF (1) SUCCEEDED IN ORGANIZING GROUPS OF FARMERS AND MAINTAINING THEIR INTEREST IN THE PROJECT; (2) DEMONSTRATED THE REINFORCING EFFECTS OF RELAYING MESSAGES THROUGH SEVERAL MEANS OF COMMUNICATION; AND (3) ILLUSTRATED A VIRTUALLY SELF-CONTAINED MODEL FOR EXTENSION PROGRAM PLANNING AND IMPLEMENTATION.

EDUCATION AND TRAINING OF USERS OF SCIENTIFIC AND TECHNICAL
INFORMATION: UNISIST GUIDE FOR TEACHERS ED-146 926

EVANS, A. J.

CORP. SOURCE- UNITED NATIONS EDUCATIONAL, SCIENTIFIC, AND
CULTURAL ORGANIZATION, PARIS (FRANCE). JOURNAL VOL.-
U7823 REPORT DATE- 1977 PAGINATION- 155P AVAIL.
NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE,
ARLINGTON, VA. 22210, MF\$0.83 ONLY, PLUS POSTAGE. NTIS
PRICES- NOT AVAILABLE NTIS

THIS GUIDE IS ADDRESSED TO TEACHERS WHO DEVELOP INFORMATION
RETRIEVAL SKILLS IN USERS OF SCIENTIFIC AND TECHNICAL
INFORMATION--UNDERGRADUATE AND GRADUATE STUDENTS,
SCIENTISTS, AND TECHNOLOGISTS. IT IS INTENDED TO HAVE
PARTICULAR APPLICATION IN DEVELOPING COUNTRIES. THE TEACHER
IS LIKELY TO NEED EXPERTISE IN LIBRARY AND INFORMATION
SCIENCE, ACQUAINTANCE WITH SUBJECT AREAS, TEACHING SKILLS,
AND KNOWLEDGE OF LOCAL CIRCUMSTANCES. SECTIONS OF THE GUIDE
COVER: (1) EDUCATIONAL AND INSTRUCTIONAL OBJECTIVES AND
MOTIVATION; (2) ARRANGEMENTS TO PLAN A COURSE--PROMOTION,
TEACHING STAFF, AND LOCATION; (3) PREPARATION OF COURSES
WITH DETAILED OBJECTIVES, VARIATIONS IN APPROACHES, TEACHING
AND LEARNING AIDS, CASE STUDIES, EVALUATION, FEEDBACK, AND
SELF-INSTRUCTION; (4) COURSE CONTENT--TOPICS AND
MODIFICATIONS; (5) METHODOLOGY; (6) DEVELOPMENT OF SEARCH
TECHNIQUES; (7) PRACTICAL EXERCISES; AND (8) CONSIDERATIONS
SUCH AS STUDENT AND SUBJECT DIFFERENCES AND NONSCIENTIFIC
SUBJECTS. THE APPENDICES INCLUDE INTRODUCTORY TOURS OF THE
LIBRARY, HANDOUTS, EXAMPLES OF LECTURES AND EXERCISE SHEETS,
AND A LIST OF FURTHER READING.

FILM IN DEVELOPMENT. ED-150 967

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC.,
WASHINGTON, DC. INFORMATION CENTER ON INSTRUCTIONAL
TECHNOLOGY. JOURNAL VOL.- U7826 REPORT DATE- APR 76
PAGINATION- 12P REPORT NO.- ICIT-14 AVAIL. NOTE-
AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE,
ARLINGTON, VA. 22210, PC\$1.67, MF\$0.83 PLUS POSTAGE. PUB. IN
INFORMATION CENTER ON INSTRUCTIONAL TECHNOLOGY REPORT; N14
APR 1976. NTIS PRICES- NOT AVAILABLE NTIS

THE POSITIVE AND NEGATIVE ASPECTS OF USING FILM AS A MEDIUM
FOR INDUCING CHANGE IN DEVELOPING NATIONS ARE EXPLORED IN
THIS ISSUE. CRITICS OF THE USE OF FILM FOR DEVELOPMENT CITE
(1) THE CULTURE SPECIFIC NATURE OF FILM CONTENT OF FOREIGN
PRODUCED FILMS; (2) THE TECHNICAL, ECONOMIC, AND LOGISTICAL
PROBLEMS OF IN-COUNTRY PRODUCTION; AND (3) LACK OF VISUAL
LITERACY AMONG RURAL AUDIENCES. PROPONENTS OF FILM FOR
DEVELOPMENT RESPOND THAT FILM HAS GREATER IMPACT THAN
SIMPLER MEDIA, THAT VISUAL LITERACY IS RAPIDLY BEING
DEVELOPED, AND THAT NEW TECHNOLOGY ALREADY OFFERS
POSSIBILITIES FOR LOWER COST AND DECENTRALIZED FILM AND
VIDEOTAPE PRODUCTION. CURRENT USES OF FILM IN DEVELOPING
NATIONS ARE DESCRIBED.

APPLICATION OF RADIO TO TEACHING ELEMENTARY MATHEMATICS IN A
DEVELOPING COUNTRY. ED-145 855

SEARLE, B.

CORP. SOURCE- STANFORD UNIV., CALIF. INST. FOR MATHEMATICAL
STUDIES IN THE SOCIAL SCIENCE. JOURNAL VOL.- U7812
DESCRIP. NOTE- ANNUAL REPT. NO. 4 REPORT DATE- 31 JUL 77
PAGINATION- 122P GRANT NO.- AID/CM-TA-C-73-40 AVAIL.
NOTE- AVAILABLE FROM ERIC DOCUMENT REPRODUCTION SERVICE,
BETHESDA, MD. 20014, PC\$6.01, MF\$0.83 PLUS POSTAGE. NTIS
PRICES- NOT AVAILABLE NTIS

THE RADIO MATHEMATICS PROJECT WAS ESTABLISHED TO DESIGN,
IMPLEMENT, AND EVALUATE A PROTOTYPE SYSTEM OF TEACHING
ELEMENTARY MATHEMATICS USING RADIO AS THE MAJOR MEDIUM OF
INSTRUCTION. THE PROJECT, WORKING IN RURAL AND URBAN PRIMARY
SCHOOLS IN NICARAGUA, PRESENTS DAILY MATHEMATICS LESSONS IN
SECOND AND THIRD GRADE CLASSROOMS. EACH LESSON HAS A 30
MINUTE BROADCAST PORTION FOLLOWED BY TEACHER-LED ACTIVITIES

SPECIFIED IN A TEACHERS' GUIDE. THE PROJECT HAS DIRECTED ITS WORK TOWARDS SIMPLIFYING THE PROGRAM AND DECREASING THE COST OF ITS USE TO MAKE IMPLEMENTATION POSSIBLE BY EVEN THE POOREST NATIONS. EVALUATION RESULTS INDICATE CHILDREN LEARNING BY RADIO SCORE SIGNIFICANTLY HIGHER ON A TEST OF MATHEMATICS ACHIEVEMENT THAN THOSE IN TRADITIONAL CLASSROOMS. TEACHERS OF EXPERIMENTAL CLASSES SUPPORT THE USE OF RADIO LESSONS AND RECOMMEND USE OF THE PROGRAM BY OTHER TEACHERS.

MEETING THE MANPOWER CHALLENGE IN THE TRANSFER OF NUCLEAR POWER TO DEVELOPING COUNTRIES. IAEA-CN-36/575

CHEWNING, J. S. COUCHMAN, D. L. KAIZ, G. H.

CORP. SOURCE- INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA (AUSTRIA). JOURNAL VOL.- U7724 10800 REPORT DATE- 1977 PAGINATION- 10P REPORT NO.- CONF-770505-328 AVAIL. NOTE- U.S. SALES ONLY. NTIS PRICES- MF A01

ONE OF THE CONSTRAINTS TO MEETING PROJECTIONS OF NUCLEAR POWER'S SHARE OF ENERGY NEEDS IN THE UNITED STATES HAS BEEN THE VARIOUS MANPOWER PROBLEMS. SIMILAR PROBLEMS HAVE BEEN ENCOUNTERED IN OTHER COUNTRIES WHICH ARE PRESENTLY PARTIALLY DEPENDENT UPON NUCLEAR POWER FOR ENERGY, AND THE COMPETITION FOR QUALIFIED PERSONNEL HAS BECOME INTERNATIONAL IN SCOPE WITH CONSIDERABLE MIGRATING OF ENGINEERS AMONG THESE NATIONS. IN ASSESSING THE MAGNITUDE OF THE WORKLOAD, FOUR IMPORTANT POINTS SHOULD BE EMPHASIZED: (1) THE RESPONSIBILITY FOR THE ULTIMATE SUCCESS OR FAILURE OF THE NUCLEAR PROJECT MUST BE BORNE BY THE PURCHASER'S ORGANIZATION. CONTRACTORS CAN ASSUME RESPONSIBILITY FOR THE PERFORMANCE OF SPECIFIC TASKS BUT NOT FOR THE ENTIRE PROJECT; (2) EVEN IN A TURNKEY CONTACT, THE PRIME CONTRACTOR NORMALLY WILL NOT ASSUME FINANCIAL RESPONSIBILITY FOR THE PERFORMANCE OF THE LOCAL SUBCONTRACTORS, WHOSE PERFORMANCE MUST BE MONITORED AND CONTROLLED BY THE PURCHASER'S ORGANIZATION; (3) MANY AREAS OF A NUCLEAR PROJECT INVOLVING DOMESTIC BUREAUCRACY, POLITICS, REGULATIONS, ETC., CAN BE DEALT WITH EFFECTIVELY ONLY BY NATIONALS. EXAMPLES OF SUCH AREAS ARE CUSTOMS CLEARANCES AND IMPORT LICENSES, VISAS, HOUSING CONSTRUCTION, CONSTRUCTION PERMITS AND LICENSES, AND VARIOUS CULTURAL PROBLEMS; AND (4) THE MOST SERIOUS PROBLEMS EXPERIENCED IN DEVELOPING COUNTRY PROJECTS TO DATE HAVE NOT BEEN OF THE TYPE WHICH REQUIRE ADDITIONAL PERSONNEL WITH ADVANCED ACADEMIC TRAINING IN NUCLEAR SCIENCE AND TECHNOLOGY, BUT RATHER A) PERSONNEL WITH PRACTICAL

EXPERIENCE AND TRAINING IN THE ORGANIZATIONAL, CONTRACTUAL, AND ADMINISTRATIVE ASPECTS OF LARGE PROJECTS, AND B) TECHNICIANS AND SKILLED CRAFT LABOR. HOW THE MANPOWER PROBLEMS ARE PERCEIVED AND THE PROPOSED STEPS TO BE TAKEN TO COMBAT THEM ARE VIEWED FROM THE PERSPECTIVE OF THE SUPPLIER COUNTRIES, THE RECEIVING COUNTRIES, AND THE INTERNATIONAL AND REGULATORY ORGANIZATIONS, WITH SUGGESTIONS FOR FILLING THE DEFICIENCIES. (ATOMINDEX CITATION 08:303962)

PLANNING OF SCHOOLS OF MEDICINE. HRP-0009778/2

CORP. SOURCE- WORLD HEALTH ORGANIZATION, GENEVA (SWITZERLAND). JOURNAL VOL.- U7719 R7735 REPORT DATE- 1975 PAGINATION- 47P REPORT NO.- WHO-TR-566 AVAIL. NOTE- AVAILABLE FROM G CORPORATION, 49 SHERIDAN AVE., ALBANY, NY 12210. NTIS PRICE- NOT AVAILABLE NTIS

THE DELIBERATIONS OF A WORLD HEALTH ORGANIZATION STUDY GROUP ON THE PLANNING OF SCHOOLS OF MEDICINE ARE SUMMARIZED IN GUIDELINES DIRECTED PRIMARILY TO THE PLANNING OF MEDICAL TEACHING ESTABLISHMENTS IN DEVELOPING COUNTRIES. REASONS FOR ARRIVING AT A DECISION TO PLAN AND ESTABLISH A MEDICAL SCHOOL ARE OUTLINED, AS ARE THE INSTITUTIONAL AND EDUCATIONAL OBJECTIVES OF THE SCHOOL. STAGES IN CREATING A MEDICAL SCHOOL OR CENTER FOR HEALTH SCIENCES ARE OUTLINED. THESE INCLUDE THE ESTABLISHMENT OF A PLANNING COMMISSION, APPOINTMENT OF A FOUNDING DEAN, SELECTION AND TRAINING OF TEACHING STAFF, ESTABLISHMENT OF A MEDICAL SCHOOL DEVELOPMENT COMMITTEE, SELECTION OF A SITE FOR THE SCHOOL, DEVELOPMENT OF THE DEPARTMENTAL STRUCTURE AND CURRICULUM, BUDGETARY ARRANGEMENTS, SELECTION OF CRITERIA FOR STAFF APPOINTMENTS, AND SELECTION AND ADMISSION OF STUDENTS. BASIC PHYSICAL PLANT REQUIREMENTS OF A CENTER FOR HEALTH SCIENCES ARE NOTED. AN OPTIMAL SEQUENCE OF MAJOR STEPS IN PLANNING THE MEDICAL SCHOOL IS PRESENTED AS AN AID IN REVIEWING PLANS. EVALUATION AND PLANNING FOR EXTENSION ARE DISCUSSED, FOLLOWED BY A SUMMARY OF RECOMMENDED GUIDELINES. APPENDED MATERIALS INCLUDE AN EXAMPLE OF INSTITUTIONAL GOALS FOR AN M.D. PROGRAM AT A CENTER FOR HEALTH SCIENCES AND DIAGRAMMATIC REPRESENTATIONS OF THE PLANNING PROCESS.

CONTABILIDAD PARA LA MICRO EMPRESA: MANUAL DE ENSEANZA
(ACCOUNTING FOR THE SMALL BUSINESS: TEACHING MANUAL).
PB-269 049/3

RONAN, M. W.

CORP. SOURCE- ACTION/PEACE CORPS, WASHINGTON, D.C.
JOURNAL VOL.- U7720 DESCRIP. NOTE- PROGRAM AND TRAINING
JOURNAL REPRINT SERIES REPORT DATE- APR 77 PAGINATION-
90P REPORT NO.- REPRINT SER-23 AVAIL. NOTE- TEXT IN
SPANISH. NTIS PRICES- PC A05/MF A01

A TEACHING MANUAL FOR SMALL BUSINESS ACCOUNTING IS PREPARED
IN SPANISH TEXT BY A PEACE CORPS VOLUNTEER IN COLOMBIA.

HEALTH EDUCATION: A REVIEW OF THE WHO PROGRAMME.
HRP-0010886/0

JOURNAL VOL.- U7717 R7732 REPORT DATE- 1974
PAGINATION- 9P AVAIL. NOTE- PUB. IN WHO CHRONICLE V28 N9
P401-409 1974. NTIS PRICE- NOT AVAILABLE NTIS

HIGHLIGHTS OF A REVIEW OF THE ACTIVITIES OF THE WORLD HEALTH ORGANIZATION'S (WHO) HEALTH EDUCATION UNIT SINCE ITS ESTABLISHMENT IN 1949 ARE SUMMARIZED. THE REVIEW WAS PRESENTED IN ITS ENTIRETY TO THE WHO EXECUTIVE BOARD AT ITS 53RD SESSION IN JANUARY 1974 AND WAS SUBSEQUENTLY SUBMITTED TO THE 27TH WORLD HEALTH ASSEMBLY. THIS SUMMARY COVERS THE PRINCIPAL ACTIVITIES DISCUSSED BY THE REVIEW AND RELEVANT DISCUSSIONS WHICH TOOK PLACE AT THE EXECUTIVE BOARD AND HEALTH ASSEMBLY SESSIONS. PROGRAMS DESCRIBED INCLUDE: FAMILY HEALTH (INCLUDING NUTRITION AND FAMILY PLANNING); HEALTH EDUCATION FOR SCHOOL-AGE CHILDREN AND YOUNG PEOPLE; ENVIRONMENTAL HEALTH; COMMUNICABLE AND NONCOMMUNICABLE DISEASES; AND HEALTH MANPOWER DEVELOPMENT. WHO SUPPORT OF STUDIES AND RESEARCH IN HEALTH EDUCATION IS DESCRIBED AND PRIORITIES FOR DEVELOPMENT OF HEALTH EDUCATION SERVICES ARE IDENTIFIED. THESE PRIORITIES INCLUDE: (1) THE STRENGTHENING OF EXISTING HEALTH EDUCATION SERVICES IN THE AREAS OF MANPOWER, FACILITIES, FUNDING, AND ADMINISTRATIVE SUPPORT; (2) ENCOURAGEMENT OF A MULTIDISCIPLINARY APPROACH TO HEALTH EDUCATION; (3) CONSIDERATION OF THE CAPACITIES OF INDIVIDUAL COUNTRIES TO CARRY OUT HEALTH EDUCATION TASKS; (4) THE COOPERATION OF THE WHO PROFESSIONAL HEALTH EDUCATION STAFF IN THE DEVELOPMENT OF NATIONAL HEALTH PROGRAMS REQUIRING

PERSONAL, FAMILY, AND COMMUNITY INVOLVEMENT; (5) APPROPRIATE INCLUSION OF HEALTH EDUCATION IN THE ADMINISTRATIVE HIERARCHY; (6) DEVELOPMENT OF CADRES OF QUALIFIED HEALTH EDUCATION SPECIALISTS WITHIN EACH COUNTRY; AND (7) MORE SYSTEMATIC EVALUATION OF HEALTH EDUCATION PROGRAMS.

THE ROLE OF U.S. ENGINEERING SCHOOLS IN DEVELOPMENT ASSISTANCE. PB-262 055/7

CORP. SOURCE- NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C. BOARD ON SCIENCE AND TECHNOLOGY FOR INTERNATIONAL DEVELOPMENT. JOURNAL VOL.- U7707 DESCRIP. NOTE- REPT. FOR SEP 73-JUN 75. REPORT DATE- 1976 PAGINATION- 39P CONT. NO.- AID/CSD-2584 NTIS PRICES- PC A03/MF A01

THIS REPORT IS ONE OF A SERIES UNDERTAKEN UNDER THE AUSPICES OF THE BOARD ON SCIENCE AND TECHNOLOGY FOR INTERNATIONAL DEVELOPMENT (BOSTID) OF THE COMMISSION ON INTERNATIONAL RELATIONS OF THE NATIONAL RESEARCH COUNCIL, A JOINT AGENCY OF THE NATIONAL ACADEMY OF SCIENCES, THE NATIONAL ACADEMY OF ENGINEERING, AND THE INSTITUTE OF MEDICINE. THE REPORT WAS REQUESTED BY THE AGENCY FOR INTERNATIONAL DEVELOPMENT. THE PANEL RESPONSIBLE FOR THE REPORT WAS COMPOSED OF EDUCATORS FROM ENGINEERING SCHOOLS IN THE UNITED STATES AND DEVELOPING COUNTRIES, ALONG WITH ONE ENGINEER FROM AN INTERNATIONAL TECHNICAL ASSISTANCE AGENCY. TOGETHER THEY REPRESENT A CROSS SECTION OF ENGINEERING DISCIPLINES. THE PROJECT WAS DESIGNED TO OBTAIN INFORMED JUDGMENTS OF PANELISTS ON THE FUTURE ROLE OF U.S. ENGINEERING INSTITUTIONS IN ASSISTING DEVELOPING NATIONS. IT WAS NOT INTENDED TO BE A FORMAL RESEARCH EXERCISE. THE REPORT IS BASED UPON DELIBERATIONS OF THE PANEL IN SEPTEMBER 1973, JANUARY 1974, AND JUNE 1975, AND UPON SUBSEQUENT DISCUSSIONS BY MEMBERS OF THE PANEL. PRELIMINARY WORK HAD BEEN DONE BY ANOTHER PANEL DURING 1971-72.

HEALTH EDUCATION: A STUDY UNIT ON FECAL-BORNE DISEASES AND PARASITES. PB-262 606/7

CORWIN, M. L.

CORP. SOURCE- ACTION/PEACE CORPS, WASHINGTON, D.C.
INFORMATION COLLECTION AND EXCHANGE. JOURNAL VOL.- U7708
DESCRIP. NOTE- PROGRAM AND TRAINING JOURNAL REPRINT SERIES
REPORT DATE- MAR 76 PAGINATION- 60P REPORT NO.-
REPRINT SER-1 NTIS PRICES- PC A04/MF A01

THE PURPOSE OF THIS UNIT IS TO HELP THE STUDENT REACH A REAL UNDERSTANDING OF HOW A PERSON'S HABITS DETERMINE HIS HEALTH. THROUGH A STEP-BY-STEP LEARNING PROCEDURE, THIS UNIT IS DESIGNED TO PRESENT THE KNOWLEDGE NECESSARY TO GAIN THIS UNDERSTANDING IN A LOGICAL PROGRESSION. THE CHILD SHOULD BE EDUCATED ABOUT THESE DISEASES SO THAT IN THE END HE WILL UNDERSTAND (1) THAT THESE DISEASES ARE IMPORTANT TO KNOW ABOUT; (2) THAT A CERTAIN FEW THINGS ARE SPREADING THEM; (3) THAT THESE DISEASES CAN BE PREVENTED; (4) THAT EACH PERSON IS RESPONSIBLE FOR THE STATE OF HIS OWN HEALTH. ALL THESE DISEASES ARE PREVALENT IN THE PHILIPPINES, AND THEY ARE HERE MAINLY BECAUSE MOST PEOPLE SIMPLY DO NOT KNOW ABOUT THEM AND HOW THEY ARE SPREAD AND HOW SERIOUS THEY ARE. IT HAS BEEN FOUND THAT IF THIS UNIT IS WELL TAUGHT IN THE SCHOOL, IT CAN GENERATE EFFECTS WHICH WILL RESULT IN THE IMPROVEMENT OF HEALTH AND SANITATION PRACTICES IN THE COMMUNITY.

TEACHING MANUAL: SCHOOL GARDENS AND NUTRITION. (MANUAL DIDACTICO: HUERTOS ESCOLARES Y NUTRICION). PB-263 349/3

CORP. SOURCE- ACTION/PEACE CORPS, WASHINGTON, D.C.
INFORMATION COLLECTION AND EXCHANGE. JOURNAL VOL.- U7710
DESCRIP. NOTE- PROGRAM AND TRAINING JOURNAL REPRINT SERIES.
REPORT DATE- SEP 76 PAGINATION- 144P REPORT NO.-
REPRINT SER-18 NTIS PRICES- PC A07/MF A01

THE REPORT IS A TEACHERS MANUAL COVERING SCHOOL GARDENS, NUTRITION, AND PERSONAL HYGIENE. IT WAS ORIGINALLY INTENDED FOR USE BY PEACE CORPS VOLUNTEERS WORKING IN RURAL PRIMARY SCHOOLS IN GUATEMALA.

MARINE TECHNOLOGY TRANSFER AS FOREIGN AID TO LESS DEVELOPED NATIONS FROM OCEANOGRAPHIC INSTITUTIONS IN INDUSTRIALIZED COUNTRIES: A SEARCH FOR AN EFFECTIVE MECHANISM IN THE EDUCATIONAL SECTOR. PB-262 039/1

SARR, M. L.

CORP. SOURCE- WOODS HOLE OCEANOGRAPHIC INSTITUTION, MASS.
JOURNAL VOL.- U7705 DESCRIP. NOTE- TECHNICAL REPT.
REPORT DATE- SEP 76 PAGINATION- 59P REPORT NO.-
WHOI-76-84 GRANT NO.- NOAA-04-6-158-44016 MNTR.
AGNCY.- NOAA 76111031 NTIS PRICES- PC A04/MF A01

THIS STUDY EXAMINES SYSTEMS OF TRANSFERRING MARINE TECHNOLOGY THROUGH EDUCATION AND TRAINING AND SUGGESTS SOLUTIONS TO THE PROBLEMS THAT HAVE BEEN THE CAUSE OF FAILURE IN THE PROCESS. IN SO DOING, THE NATURE OF THE EDUCATIONAL INSTITUTIONS, BOTH IN THE INDUSTRIALIZED NATIONS AND IN THOSE DEVELOPING NATIONS WHERE THEY EXIST HAVE BEEN REVIEWED. INADEQUACIES HAVE BEEN IDENTIFIED AT BOTH LEVELS; INADEQUACIES THAT STEM NOT ONLY FROM THE EDUCATIONAL SYSTEMS BUT ALSO CONCERNING GOVERNMENT INVOLVEMENT AS WELL AS SOCIAL ATTITUDES. THIS PROBLEM IDENTIFICATION IS FOLLOWED BY SUGGESTED SOLUTIONS FOR EACH CASE AND IN SOME INSTANCES SUCH SUGGESTIONS ARE SUPPORTED AND SUBSTANTIATED WITH DESCRIPTIONS OF CASES WHERE SUCCESS OR AT LEAST POTENTIAL FOR SUCCESS HAVE BEEN ACHIEVED.

THE ROLE OF COMMUNICATION SATELLITES IN EDUCATION FOR LESS-DEVELOPED COUNTRIES. AD-A025 397/1

HUGHES, D. E.

CORP. SOURCE- AIR FORCE INST OF TECH WRIGHT-PATTERSON AFB OHIO
JOURNAL VOL.- U7616 DESCRIP. NOTE- MASTER'S THESIS
REPORT DATE- OCT 75 PAGINATION- 133P REPORT NO.- AFIT-CI-76-29
NTIS PRICES- PC A07/MF A01

THE PURPOSE OF THE STUDY IS TO PLACE THE POTENTIALS AND PROBLEMS ASSOCIATED WITH COMMUNICATION SATELLITES AND EDUCATIONAL TELEVISION INTO PERSPECTIVE WITH THE SOCIAL, POLITICAL, AND ECONOMIC RESISTANCE WHICH OFTEN HINDER THE UTILIZATION OF TECHNOLOGICAL ADVANCEMENTS. THE STUDY EXAMINES THE NEED FOR AN EDUCATIONAL BROADCASTING SATELLITE SYSTEM IN DETAIL.

SATELLITE EDUCATIONAL SYSTEM COSTS FOR THREE MODEL
DEVELOPING COUNTRIES PB-252 583/0

JAMISON, M. BETT, S. T.

CORP. SOURCE- JAMISON (MARSHALL), WASHINGTON, D.C.
JOURNAL VOL.- U7616 REPORT DATE- AUG 73 PAGINATION-
271P CONT. NO.- OTP-SE-73-208 MNTR. AGENCY.- OTP
76/004C NTIS PRICES- PC A12/MF A01

THE REPORT IS AN INVESTIGATION OF THE FEASIBILITY AND
COST-EFFECTIVENESS OF UTILIZING SATELLITE TECHNOLOGY TO
DISTRIBUTE EDUCATIONAL AND MEDICAL INFORMATION IN THREE
DEVELOPING COUNTRIES.

SMALL-SCALE INDUSTRY GRANT: ADMINISTRATION
PROJECT-STIMULATING THE GROWTH OF SMALL-SCALE INDUSTRY.
PB-249 186/8

WALL, N. C.

CORP. SOURCE- GEORGIA INST. OF TECH., ATLANTA. INDUSTRIAL
DEVELOPMENT DIV. JOURNAL VOL.- U7608 DESCRIP. NOTE-
FINAL REPT. 10 JAN 74-9 JAN 75 REPORT DATE- JAN 75
PAGINATION- 30P CONT. NO.- AID/TA-C-1062 NTIS PRICES-
PC A03/MF A01

THE AGENCY FOR INTERNATIONAL DEVELOPMENT (AID) FUNDED A
CONTRACT THROUGH WHICH THE INDUSTRIAL DEVELOPMENT DIVISION
(IDD) OF THE ENGINEERING EXPERIMENT STATION AT THE GEORGIA
INSTITUTE OF TECHNOLOGY WAS CHARGED WITH THE RESPONSIBILITY
OF IMPLEMENTING A SPECIFIC PROGRAM OF WORK IN THE AREA OF
'STIMULATING GROWTH OF SMALL-SCALE INDUSTRY' BY PROVIDING
TECHNICAL ASSISTANCE GRANTS TO TWO COUNTERPART INSTITUTIONS.
THE ADMINISTRATIVE PORTION OF THE CONTRACT WAS ASSIGNED THE
PROJECT NUMBER A-1600 BY THE CONTRACTING OFFICE AT THE
GEORGIA INSTITUTE OF TECHNOLOGY. THIS IS THE FINAL REPORT OF
YEAR 1 OF THIS PROJECT WHICH HAS BEEN IMPLEMENTED IN TWO
DIFFERENT GEOGRAPHIC REGIONS OF THE WORLD. THE TWO SELECTED
COUNTERPART INSTITUTIONS WERE SOONG JUN UNIVERSITY, SEOUL,
KOREA, AND THE FUNDACAO EDUCACIONAL DO SUL DE SANTA
CATARINA, TUBARAO, BRAZIL.

ANALYZING THE USE OF TECHNOLOGY TO UPGRADE EDUCATION IN A
DEVELOPING CCOUNTRY. AD-A009 306/2

CARPENTER, M. B. CHESLER, L. G. DORDICK, H. S.
HAGGART, S. A.

CORP. SOURCE- RAND CORP SANTA MONICA CALIF JOURNAL VOL.-
U7513 DESCRIP. NOTE- RESEARCH MEMO. REPORT DATE- MAR
70 PAGINATION- 147P REPORT NO.- RM-6179-RC NTIS
PRICES- PC A07/MF A01

THE MEMORANDUM DESCRIBES AN APPLICATION OF THE TECHNIQUES OF
SYSTEM ANALYSIS TO EDUCATIONAL PLANNING. PARTICULAR EMPHASIS
IS PLACED ON EVALUATING THE USEFULNESS OF TECHNOLOGY IN
EDUCATION, ESPECIALLY TELEVISION. IN CONTRAST TO MOST
ANALYSES OF EDUCATIONAL TECHNOLOGY, THE PRESENT STUDY (1)
CONSIDERS THE TECHNOLOGY AS IT INTERRELATES WITH THE ENTIRE
EDUCATIONAL SYSTEM IN WHICH IT IS TO FUNCTION, AND (2)
PROPOSES ALTERNATIVE MEANS TO ATTAIN SIMILAR IMPROVEMENTS IN
THAT SYSTEM. BY COMPARING THE COST OF ALTERNATIVE WAYS TO
ATTAIN SIMILAR IMPROVEMENTS, THE STUDY SHOWS THAT THE COST
OF TECHNOLOGICAL IMPROVEMENTS IS APPROXIMATELY THE SAME AS
THAT OF IMPROVEMENTS ACHIEVED THROUGH MORE CONVENTIONAL
MEANS.

WORKSHOP ON EDUCATION AND TRAINING NEEDS FOR PHILIPPINE
ENVIRONMENTAL PROGRAMS HELD IN MANILA PHILIPPINES MAY 27-31
1974. PB-239 478/1

CORP. SOURCE- NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D.C.
JOURNAL VOL.- U7509 REPORT DATE- MAY 74 PAGINATION-
84P CONT. NO.- AID/CSD-2584 NTIS PRICES- PC A05/MF A01

THE WORKSHOP WAS DESIGNED TO BRING TOGETHER PHILIPPINE AND
AMERICAN SCIENTISTS, ENGINEERS, EDUCATORS, AND
ADMINISTRATORS FOR COLLABORATIVE IDENTIFICATION OF PROBLEMS
AND ISSUES RELEVANT TO ENVIRONMENTAL EDUCATION AND TRAINING
NEEDS, DEVELOPMENT OF POSSIBLE ALTERNATIVE SOLUTIONS TO THE
PROBLEMS, AND CONSIDERATION OF WAYS TO STRENGTHEN THE HOST
COUNTRY'S CAPACITY TO PLAN AND MANAGE ENVIRONMENTAL
EDUCATION PROGRAMS.

STRENGTHENING CAPABILITIES OF DEVELOPING COUNTRIES TO
ACQUIRE PROCESS AND UTILIZE INFORMATION ABOUT OCEAN
RESOURCES. PE-227 449/6

CUZON DU REST, R.

CORP. SOURCE- NATIONAL OCEANOGRAPHIC DATA CENTER,
WASHINGTON, D.C. JOURNAL VOL.- U7407 DESCRIP. NOTE-
PROJECT REPT. REPORT DATE- DEC 73. PAGINATION- 62P
NTIS PRICES- PC A04/MF A01

THE REPORT CONCERNS AN EXPERIMENTAL DEMONSTRATION COURSE FOR
DEVELOPING COUNTRY OFFICIALS IN THE ACQUISITION, PROCESSING
AND UTILIZATION OF OCEAN DATA. THE COURSE CONSISTED OF THREE
SESSIONS, EACH OF APPROXIMATELY SIX MONTHS DURATION,
CENTERED AT THE U.S. OCEANOGRAPHIC DATA CENTER IN
WASHINGTON. THE PROJECT WAS DESIGNED TO PROVIDE THE INITIAL
IMPETUS FOR SIGNIFICANTLY INCREASING THE CAPABILITIES OF
DEVELOPING COUNTRIES OF AFRICA, ASIA, AND LATIN AMERICA TO
ACQUIRE, PROCESS AND EFFECTIVELY USE INFORMATION ABOUT OCEAN
RESOURCES NEAR THEIR COASTS AND OCEAN CONDITIONS THAT AFFECT
THEIR COASTAL ACTIVITIES.

TECHNICAL-ECONOMIC CONSIDERATIONS IN PUBLIC SERVICE
BROADCAST COMMUNICATIONS FOR DEVELOPING COUNTRIES
PE-223 266/8

BUTMAN, R. RATHJENS, G. AND WARREN, C.

CORP. SOURCE- ACADEMY FOR EDUCATIONAL DEVELOPMENT, INC., NEW
YORK. JOURNAL VOL.- U7322 REPORT DATE- 1973,
PAGINATION- 332P REPORT NO.- 73-9 CONT. NO.-
AID/CSD-2829 NTIS PRICES- PC A15/MF A01

THE REPORT REPRESENTS THE CULMINATION OF AN INQUIRY INTO THE
DISTRIBUTION OF EDUCATIONAL MATERIAL IN DEVELOPING
COUNTRIES, WITH PARTICULAR ATTENTION TO THE PROBLEMS AND
OPPORTUNITIES IN BRAZIL AND INDIA. EMPHASIS ON THE USE OF
TELEVISION AND SATELLITES TO DISTRIBUTE T.V. PROGRAMMING IS
A REFLECTION OF THE INTEREST IN THE USE OF SATELLITE-T.V.
SYSTEMS IN TWO COUNTRIES. THE REPORT INCLUDES
TECHNO-ECONOMIC FACTORS, COST AND POLICY CONSIDERATIONS,
COMMENTS ON EXPANDING RADIO AND TELEVISION BROADCASTING
SERVICES IN ETHIOPIA, AND TECHNICAL ASPECTS OF EDUCATIONAL
COMMUNICATION TECHNOLOGIES.

MANPOWER FOR INDUSTRY IN DEVELOPING NATIONS. AD-761 046

RHODE, M. JR.

CORP. SOURCE- ARMY WAR COLL CARLISLE BARRACKS PA JOURNAL
VOL.- U7314 DESCRIP. NOTE- MONOGRAPH REPORT DATE- 27
MAR 73. PAGINATION- 34P NTIS PRICES- PC A03/MF A01

DEVELOPING NATIONS FACE CONSIDERABLE DIFFICULTY IN
GENERATING NEW AND SPECIALIZED SKILLS ECONOMICALLY AND
QUICKLY AND IN MAKING THE BEST POSSIBLE, MOST EFFICIENT USE
OF THOSE SKILLS ALREADY EXISTING IN COUNTRY. THE PAPER
EXPLORES THE NARROW ASPECTS OF THE EFFICIENT USE OF MANPOWER
AND CONSIDERS SOME SYSTEMS OF EDUCATION AND TRAINING.
(MODIFIED AUTHOR ABSTRACT)

STUDY FOR AGRICULTURAL ENGINEERING DEVELOPMENT IN BRAZIL.
PB-214 534/0

CORP. SOURCE- JOINT STUDY GROUP ON AGRICULTURAL ENGINEERING
IN BRAZIL. JOURNAL VOL.- U7307 DESCRIP. NOTE- REPT.
FOR 24 JUL-12 AUG 72. REPORT DATE- 12 AUG 72.
PAGINATION- 43P CONT. NO.- AID/CSD-1122 MNTR. AGENCY.-
TA/OSTNAS-72-39 NTIS PRICES- PC A03/MF A01

THE JOINT STUDY GROUP WAS ESTABLISHED TO IDENTIFY THE MOST
URGENT RESEARCH AND TRAINING NEEDS IN AGRICULTURAL
ENGINEERING IN BRAZIL, AND TO RECOMMEND HOW BEST TO MEET
THOSE NEEDS. SPECIFIC RECOMMENDATIONS ARE GIVEN FOR A
LONG-TERM PROGRAM TO ESTABLISH QUALITY PROGRAMS IN EDUCATION
AND RESEARCH IN AGRICULTURAL ENGINEERING IN BRAZIL AND MEANS
TO GAIN RECOGNITION FOR AGRICULTURAL ENGINEERING AS A
PROFESSION UNDER BRAZILIAN LAW. (AUTHOR)

CENTO CONFERENCE ON ENGINEERING EDUCATION HELD IN ISFAHAN
IRAN ON NOVEMBER 7-13 1966. PB-206 541

CORP. SOURCE- CENTRAL TREATY ORGANIZATION, ANKARA (TURKEY).
JOURNAL VOL.- U7207 REPORT DATE- NOV 67. PAGINATION-
389P MNTR. AGENCY.- TA/CSTN-66-11-1 NTIS PRICES- PC
A17/MF A01

THE DOCUMENT IS COMPRISED OF PAPERS PRESENTED AT A
CONFERENCE ON ENGINEERING EDUCATION. THE PURPOSE OF THE
CONFERENCE WAS TO TAKE COGNIZANCE OF THE FACT THAT AN
ADEQUATE RESERVOIR OF WELL QUALIFIED ENGINEERS AND
TECHNICIANS IS BASIC TO DEVELOPED AND DEVELOPING INDUSTRIAL
ECONOMIES. SPECIFIC AREAS COVERED INCLUDE: THE NEED FOR
ENGINEERS AND TECHNICIANS; PRESENT SYSTEMS OF ENGINEERING
EDUCATION; TRAINING OF ENGINEERING TECHNICIANS;
UNDERGRADUATE ENGINEERING CURRICULA; TEACHING METHODS AND
AIDS; RELATIONS OF ENGINEERING EDUCATION WITH INDUSTRIES AND
GOVERNMENT; PROFESSIONAL PROGRAMS RELATED TO A REGION'S
NEEDS; GRADUATE ENGINEERING EDUCATION; ROLE OF RESEARCH IN
ENGINEERING EDUCATION; DUTIES, QUALIFICATIONS AND
PREPARATION OF TEACHERS.

CENTO CONFERENCE ON INDUSTRIAL VOCATIONAL EDUCATION HELD IN
RAMSAR IRAN ON JUNE 23-30 1968. PB-206 700

CORP. SOURCE- CENTRAL TREATY ORGANIZATION, ANKARA (TURKEY).
JOURNAL VOL.- U7207 REPORT DATE- APR 69. PAGINATION-
171P MNTR. AGENCY.- TA/CSTN-69-4-1 NTIS PRICES- PC
A08/MF A01

THE REPORT PROVIDES THE TEXTS OF MOST OF THE PAPERS
PRESENTED AT A CONFERENCE ON THE PROBLEMS OF VOCATIONAL
INDUSTRIAL EDUCATION. SOME OF THE TOPICS COVERED ARE:
MANPOWER PLANNING AND VOCATIONAL EDUCATION; ELEMENTS OF A
COORDINATED NATIONAL PROGRAM; EDUCATION AND TRAINING
PATTERNS FOR DEVELOPING MANPOWER; DEVELOPING EFFECTIVE
PROGRAMS FOR VOCATIONAL EDUCATION AND TRAINING; STRUCTURE
AND USE OF ADVISORY COMMITTEES ON VOCATIONAL EDUCATION;
PROGRAMS FOR PREPARING TEACHERS; OCCUPATIONAL TESTING,
GUIDANCE, COUNSELLING, AND FOLLOW-UP.

CENTO CONFERENCE ON AGRICULTURAL EXTENSION HELD IN
ANKARA-DENIZLI-IZMIR TURKEY 12-22 APRIL 1967. PB-206 804

CONF. SOURCE- CENTRAL TREATY ORGANIZATION, ANKARA, (TURKEY).
JOURNAL VOL.- U7208 REPORT DATE- OCT 67, PAGINATION-
286P MNTR. AGENCY.- TA/OSTN-67-10-1 NTIS PRICES- PC
A13/MF A01

AGRICULTURAL EXTENSION IS AN EDUCATIONAL PROCESSES. IT
BRINGS TO AGRICULTURAL COMMUNITIES THE KNOWLEDGE AND SKILLS
DEVELOPED BY RESEARCH INSTITUTIONS, AND BY MAKING THESE
KNOWN IT SEEKS TO IMPROVE THE LEVEL OF AGRICULTURAL
PRODUCTION. THIS REPORT IS COMPRISED OF PAPERS PRESENTED AT
A SYMPOSIUM, HELD IN ANKARA, DENIZLI, AND IZMIR, TURKEY,
12-22 APRIL 1967, WHICH WAS CALLED TO PROVIDE AN OPPORTUNITY
FOR EXTENSION SERVICE OFFICIALS TO REVIEW PRACTICAL
APPROACHES TO SUCCESSFUL EXTENSION WORK AT THE FARMER LEVEL.
(AUTHOR)

SCIENCE EDUCATION IMPROVEMENT PROJECT. PB-207 400

CONF. SOURCE- NATIONAL SCIENCE FOUNDATION, NEW DELHI
(INDIA). SCIENCE LIAISON STAFF. JOURNAL VOL.- U7209
REPORT DATE- 1970, PAGINATION- 71P MNTR. AGENCY.-
TA/OSTN-70-13-1 NTIS PRICES- PC A04/MF A01

THE REPORT COVERS THE ACTIVITIES OF THE INDIAN SCIENCE
IMPROVEMENT PROJECT DURING THE CALENDAR YEAR 1970. THE
MAJOR EMPHASIS IS ON CURRICULUM DEVELOPMENT ACTIVITIES.
TOPICS COVERED INCLUDE ELEMENTARY AND SECONDARY SCHOOL
SCIENCE PROGRAMS, TRAVELLING SCIENCE WORKSHOP, COLLEGE
SCIENCE IMPROVEMENT PROGRAM, SPECIAL COLLEGE/UNIVERSITY
PROGRAMS, TECHNICAL EDUCATION, BINATIONAL CONFERENCES,
TEACHING AIDS, AND PARTICIPANT TRAINING.

SCIENCE TECHNOLOGY AND DEVELOPMENT. VOLUME XI. HUMAN
RESOURCES. TRAINING OF SCIENTIFIC AND TECHNICAL PERSONNEL.
PB-207 504

CONP. SOURCE- AGENCY FOR INTERNATIONAL DEVELOPMENT,
WASHINGTON, D.C. OFFICE OF SCIENCE AND TECHNOLOGY.
JOURNAL VOL.- U7209 REPORT DATE- 1962, PAGINATION-
215P MNTN. AGENCY.- TA/CSTN-62-13-11 NTIS PRICES- PC
A10/MF A01

VOLUME ELEVEN OF A TWELVE VOLUME SERIES ON SCIENCE AND
TECHNOLOGY IN DEVELOPING COUNTRIES INCLUDES THE FOLLOWING
PAPERS: HIGH-LEVEL MANPOWER DEVELOPMENT AND ECONOMIC
GROWTH, POPULATION AND LABOR FORCE RESOURCES AS FACTORS IN
ECONOMIC DEVELOPMENT; MANPOWER PROJECTIONS AND ASSESSMENT;
ENTREPRENEURSHIP, IMPROVING PUBLIC MANAGEMENT, SKILLED
MANPOWER TRAINING TO SUPPORT INDUSTRIAL GROWTH, LATIN
AMERICAN SPECIALISTS IN OCCUPATIONAL HEALTH, WOMEN IN THE
LABOR FORCE, OCCUPATIONAL SAFETY, PROGRAMMING OF SCIENCE AND
TECHNOLOGY WITHIN THE EDUCATIONAL STRUCTURE; A COMPREHENSIVE
PROGRAM FOR IMPROVEMENT OF SCIENCE EDUCATION, IMPROVEMENT OF
PRIMARY SCHOOL EDUCATION IN SCIENCE AND MATHEMATICS.

A COMPARISON STUDY FOR EVALUATING PRIMARY SCHOOL SCIENCE IN
AFRICA PB-207 625

DUCKWORTH, E. R.

CONP. SOURCE- EDUCATIONAL DEVELOPMENT CENTER, NEWTON, MASS.
JOURNAL VOL.- U7209 REPORT DATE- OCT 71, PAGINATION-
60P CONT. NO.- AID/CSD-772 MNTN. AGENCY.-
TA/CSTN-71-10-1 NTIS PRICES- PC A04/MF A01

THE AFRICAN PRIMARY SCIENCE PROGRAM HAS BEEN DEVELOPED IN
EIGHT DIFFERENT AFRICAN COUNTRIES AND IS CURRENTLY IN THE
INITIAL STAGES OF IMPLEMENTATION IN THESE COUNTRIES. THE
PROGRAM DIFFERS FROM CONVENTIONAL SCIENCE TEACHING IN THAT
IT ATTEMPTS TO PROVIDE AN OPPORTUNITY FOR CHILDREN TO KNOW
THE WORLD ON THEIR OWN TERMS. ITS GOALS ARE TO EQUIP
CHILDREN WITH THE BASIS FOR HAVING THEIR OWN IDEAS OF
INTERESTING WAYS TO USE MATERIALS THAT ARE AVAILABLE TO
THEM, OF HAVING INTERESTING QUESTIONS TO ASK ABOUT THINGS,
AND OF WAYS TO GO ABOUT ANSWERING THEIR QUESTIONS. THE
REPORT PROVIDES AN EVALUATION OF THE PROGRAM. IN THE
PROCESS, IT DESCRIBES AN EVALUATION METHODOLOGY WHICH

INVOLVES THE OBSERVATION OF VARIOUS ASPECTS OF CHILDREN'S ACTIVITY, ALONE AND IN GROUPS, IN A MANNER WHICH IS CONDUCIVE TO AN UNDERSTANDING OF WHAT IS ACTUALLY HAPPENING.

BEGINNING SCIENCE CURRICULUM FOR ENGLISH SPEAKING TROPICAL AFRICA (AFRICAN PRIMARY SCIENCE PROGRAM). PB-207 626

CORP. SOURCE- EDUCATION DEVELOPMENT CENTER, NEWTON, MASS.
JOURNAL VOL.- U7209 DESCRIP. NOTE- FINAL REPT. 1960-71.
REPORT DATE- 1 DEC 71. PAGINATION- 125P CONT. NO.-
AID/CSD-772 MNTR. AGENCY.- TA/OSTN-71-12-1 NTIS PRICES-
PC A06/MF A01

THE AFRICAN PRIMARY SCIENCE PROGRAM, WHICH WAS ESTABLISHED IN 1960 AS PART OF THE AFRICAN EDUCATION PROGRAM, HAS OPERATED WIDELY IN ENGLISH-SPEAKING AFRICAN COUNTRIES. SCIENCE CENTERS HAVE BEEN ESTABLISHED WITH PROGRAM ASSISTANCE IN SEVEN OF THESE: GHANA, KENYA, MALAWI, NIGERIA, SIERRA LEONE, TANZANIA, UGANDA. ITS GOALS HAVE BEEN CENTERED ON CHANGES IN PEDAGOGY, BUT IT HAS ALSO SOUGHT TO INFLUENCE THE ROLE OF EDUCATION IN DEVELOPING COUNTRIES. THE REPORT RECORDS AND DOCUMENTS THE PROGRAM'S DEVELOPMENT, ITS CHANGING STRUCTURE, AND ITS EFFORTS TO RESPOND TO THE NEEDS OF THE COUNTRIES INVOLVED AND DEVELOPING AFRICAN INITIATIVE.

SOME PROBLEMS IN THE BEHAVIORAL SCIENCE EDUCATION OF MANAGERS AND MANAGEMENT INSTRUCTORS IN DEVELOPING NATIONS.
AD-700 285

THIAGARAJAN, K. M. AND PRAHALAD, C. K.

CORP. SOURCE- ROCHESTER UNIV N Y MANAGEMENT RESEARCH CENTER
JOURNAL VOL.- U7007 DESCRIP. NOTE- TECHNICAL REPT.
REPORT DATE- 1 SEP 69. PAGINATION- 20P REPORT NO.-
TR-31 CONT. NO.- N00014-67-A-0398-0002 CFSTI PRICES-
PC A02 MF A01

THE PAPER DISCUSSES SOME OF THE PROBLEMS ENCOUNTERED IN CONDUCTING BEHAVIORALLY ORIENTED PROGRAMS, USING A SMALL GROUP LABORATORY APPROACH, IN DEVELOPING NATIONS. THE ORGANIZATIONAL AND SOCIAL CONTEXTS IN DEVELOPING NATIONS THAT MIGHT CONTRIBUTE TO ISSUES IN MANAGEMENT TRAINING ARE

BRIEFLY OUTLINED. SPECIFIC PROBLEMS RELATING TO TRAINING EXECUTIVES AND TRAINERS ARE DISCUSSED AND SOME SUGGESTIONS ARE OFFERED BASED ON EXPERIENCES IN INDIA. (AUTHOR)

COMMUNICATIONS SATELLITES TECHNOLOGY TRANSFER AND ECONOMIC DEVELOPMENT AD-707 642

JORDAN, P. L.

CCRP. SOURCE- RAND CORP SANTA MONICA CALIF JOURNAL VOL.- U7016 REPORT DATE- JUN 70. PAGINATION- 13P REPORT NO.- P-4347 CFSI PRICES- PC A02 MF A01

THE USE OF EDUCATIONAL TELEVISION TO IMPROVE THE QUALITY AND QUANTITY OF EDUCATION IN DEVELOPING COUNTRIES IS EXAMINED. A SIMPLE MODEL RELATING ECONOMIC DEVELOPMENT IN EMERGING COUNTRIES TO EDUCATION AND THE LEVEL OF APPLIED TECHNOLOGY IS PRESENTED. THE USE OF TELEVISION BROADCAST SATELLITES AS A MEANS FOR IMPROVING EDUCATION SYSTEMS IN DEVELOPING REGIONS IS DISCUSSED IN THE CONTEXT OF COMPETITION FOR SCARCE RESOURCES AND THE REQUIREMENT TO CONCURRENTLY DEVELOP EDUCATIONAL SOFTWARE AND INFRASTRUCTURE. (AUTHOR)

BROADCAST SATELLITES: THEIR POTENTIAL USE FOR EDUCATIONAL PURPOSES AND THEIR RELATIONSHIP TO INTERNATIONAL UNDERSTANDING AND COOPERATION PB-192 549

HANESSIAN, J. JR.

CCRP. SOURCE- GEORGE WASHINGTON UNIV., WASHINGTON D.C. PROGRAM OF POLICY STUDIES IN SCIENCE AND TECHNOLOGY. JOURNAL VOL.- U7017 REPORT DATE- JUL 69. PAGINATION- 22P REPORT NO.- OCCASIONAL PAPER-3 CFSI PRICES- PC A02 MF A01

CONTENTS: EDUCATIONAL APPLICATIONS OF COMMUNICATION SATELLITES (THE CRUCIAL ELEMENT; BENEFITS OF EDUCATIONAL SATELLITE; REQUIREMENTS FOR AN EFFECTIVE SYSTEM; EFFECTIVENESS OF TELEVISION IN DEVELOPING REGIONS); INTERNATIONAL CONSIDERATIONS (SATELLITE COMMUNICATIONS AND THE UNITED NATIONS; THE LESS DEVELOPED COUNTRIES AND THE USE OF SATELLITE-DERIVED TECHNOLOGY); EDUCATIONAL POTENTIAL AND IMPLICATIONS FOR U.S. FOREIGN POLICY. (AUTHOR)

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70 ED-172 733
74 ED-167 111
76 ED-165 791
91 PB-292 904/0
113 ED-146 916
124 PB-223 266/8

TELECOMMUNICATIONS

3 ED-211 043
25 PB83-100347
59 ED-175 438

TELECOURSES

112 ED-146 898

TELEVISION

46 PB81-198251
47 PB81-197642
49 PB81-195703
49 PB81-195869
61 ED-172 758
64 ED-172 752
66 ED-172 746
67 ED-172 742
69 ED-172 735
71 ED-172 730
72 ED-159 950
77 ED-158 780
83 ED-162 650

TELEVISION

85 ED-154 791
86 ED-154 793
105 ED-152 247
112 ED-146 898

TELEVISION CURRICULUM

102 ED-152 244

TELEVISION RECEIVERS

121 AD-A025 397/1

TELEVISION SURVEYS

61 ED-172 758
62 ED-172 757

TELEVISION SYSTEM

46 PB81-198251

TELEVISION SYSTEMS

47 PB81-196891
47 PB81-197642
49 PB81-195703
49 PB81-195869
87 PB-287 255/4
88 PE-287 254/7
91 PE-292 904/0
110 PB-291 515/5
121 AD-A025 397/1
122 PB-252 583/0
123 AD-A009 306/2
124 PB-223 266/8

TERMINOLOGY

78 PB-295 919/5

THIRD WORLD COUNTRIES

5 AD-P001 471/2

THIRD WORLD NATIONS

5 AD-P001 470/4

TRAINING AIDS

87 PB-287 255/4

TRAINING AIDS

88 PB-287 254/7

TRAINING DEVICES

3 PB84-134006
78 PB-295 919/5
81 PE-297 078/8
87 PB-287 255/4
88 PE-287 254/7
89 PE-292 856/2
92 PE-292 953/7
121 PE-262 039/1

TRAINING FILMS

87 PB-287 255/4
88 PE-287 254/7

TRAINING NEEDS

123 PB-239 478/1

TRAINING PROGRAMS

31 PB82-260332
109 PB-290 397/9
125 AD-761 046

TRAINING TECHNIQUES

90 PB-292 879/4
92 PB-292 946/1
95 PB-294 421/3

TRANSFER OF TECHNOLOGY

130 AD-707 642

UNDERDEVELOPED COUNTRIES

130 AD-707 642

UNEMPLOYMENT

7 PB83-225821
15 IBRD-WP-233

UNITED NATIONS

76 ED-165 791

UNITED STATES

8 AD-A128 202/9

UNITED STATES

31 PB82-260332
45 PE81-221129
109 PE-290 348/2
109 PE-290 397/9
119 PE-262 055/7
123 PE-239 478/1

UNIVERSITIES

1 PE84-134378
6 PE83-248153
9 PE83-151001
20 IBRD-WP-106
22 PE83-120030
23 PE83-100958
24 PB83-100362
25 PB83-100347
32 PE82-244393
83 PE-287 258/8
84 PB-287 259/6
94 PB-293 846/2
109 PB-290 348/2
109 PE-290 397/9
117 HRP-0009778/2
122 PB-249 186/8

UNSKILLED WORKERS

80 PE-297 075/4

URBAN AREAS

13 IBRD-WP-278
15 IBRD-WP-233
27 PE82-262387
28 PE82-262205
35 PE82-241274

USER NEEDS

5 AD-P001 470/4
5 AD-P001 471/2

VEGETABLES

23 PE83-113944
120 PB-263 349/3

VEGETATION

80 PB-296 917/8

VIDEO EQUIPMENT

40 ED-197 720
75 ED-164 003

VIDEO TAPE RECORDINGS

102 ED-152 243

VIDEOTAPE RECORDINGS

36 ED-201 317
61 ED-172 759
70 ED-172 733
75 ED-164 003

VIEWING TIME

62 ED-172 757

VISUAL AIDS

3 PB84-134006
25 PE83-100347
78 PB-295 919/5
80 PB-296 917/8
81 PB-297 078/8
87 PB-287 255/4
88 PB-287 254/7
89 PE-292 856/2
92 PB-292 953/7
98 PE-294 637/4

VISUAL ARTS

75 ED-164 003

VISUAL LITERACY

115 ED-150 967

VOCABULARY

99 PE-296 052/4

VOCATIONAL EDUCATION

65 ED-172 750
126 PE-206 700

VOCATIONAL INTERESTS

19 IBRD-WP-169

VOCATIONAL SCHOOLS

66 ED-172 743