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Clearinghouse on Development Communication

**Third Semi-Annual Report
for period September 1989 to February 1990**

**Submitted by the Institute for International Research
and Creative Associates International**

Executive Summary

Membership of the Clearinghouse on Development Communication

After eighteen months, we now have data to inform us of our progress. For example, we now have 385 paying subscriptions to the *Development Communication Report*, as compared to 159 when we took over the Clearinghouse on Development Communication.

Requests for non-paying membership from overseas have settled at an average of 40 per month. By the end of the contract, we can anticipate that approximately 2500 new members will have been added, bringing the total membership to 9000.

Updating the information base

Acquisitions total 2249 (excluding journals) over the eighteen months. This constitutes a 15% increase in the size of the library.

New acquisitions to the library are averaging approximately 125 per month, or 6 per day.

We have catalogued 3500 documents. Cataloging of the library is proceeding at a rate of about 175 documents per month, or 8 per day. Mr Stephen Mitchell, the CDC Librarian, joined the EPA Library at the beginning of January. He has been replaced by three graduate students, each working 20 hours per week. We expect the rate of cataloging to increase under this new staffing formula.

We receive nearly 250 journals and newsletters, of which about 50 are directly relevant to our work. The vast majority are acquired in exchange for the *Development Communication Report*.

Processing information requests

We answered 91 requests for assistance from 33 countries, or 15 per month. Since many requests require considerable research (e.g. hard data on telephone ownership worldwide, the current state of knowledge about direct broadcasting of television programs by satellite), a major increase in this volume would tax our ability to respond adequately.

We are developing a series of short information packages to respond to the more frequent requests.

We are working with the Learning Technologies Project to develop a Communication Digest, a computerized database on what has been learned about communication strategies and technologies, and their effectiveness in a variety of developing country situations for various communication and education purposes.

UNESCO and the UNFPA have granted us \$10,000 to assist in the preparation of the abstracts, and the Communication Digest will form the knowledge base for U.N. agency sponsored courses in development communication. It is seen as an essential element of that initiative. The CDC Director attended a three day conference in Paris, at U.N. expense, to plan the inter-agency course.

Publications

Two issues of *Development Communication Report* were produced during this period, one on the use of communication technology to improve the quality and efficiency of training, the second on information technology and the ways it is making a difference in the least developed countries.

By the end of this period, the DCR on literacy had been planned and articles had begun to arrive.

Communication planning and evaluation

The Clearinghouse on Development Communication provides consultancy services to USAID Missions. In this period, a consultant assisted USAID/Costa Rica to plan a substance abuse prevention program of education and communication. The CDC also has been asked by USAID/Guatemala to provide two consultants to evaluate a local private sector agency that has been providing popular education and training to farmers and industrial workers.

Both Missions used the CDC buy-in mechanism.

Finance

The CDC expenditures for the first eighteen months have been consistent with the contract budget, and a pipeline analysis projects that we will be on target in December 1990.

Was the money well spent?

We begin this report with letters received during the last six months.

India

No. 146 Weijian Street
KunMing, Yunnan, China

1989. 8. 8

Dear editors

I'm a teacher of education communication and technology. When I was a student in college, My teacher told me something about you. You are doing an important work for the people in the developing countries.

I'm a new teacher, I want to do my job well. I wish you could help me. I wish to get some information from you. Can you help me
Thank you very much!

Good wishes to you!

11/13/89
185

Yours truly
Li Xue Lee
李学杰

地址：贵州省六盘水市朝阳新村

电话：2843 2486

ESSTI

ECOLE SUPERIEURE DES SCIENCES
ET TECHNIQUES DE L'INFORMATION

B.P. 1328 - Yaoundé - Tél. 22-00-73
22-28-60

REPUBLIQUE DU CAMEROUN

UNIVERSITE DE YAOUNDE

Yaoundé, le 8 JAN. 1990

Le Directeur

3962/ESSTI/DR

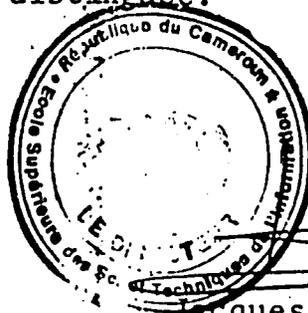
A Monsieur Micheal LAFLIM
Directeur de "Development Communicatio
Report" Clearinghouse on Development
Communication
1815 North Fort Myes Drive Suite 600
Arlington, VA 22209 U S A

Monsieur le Directeur,

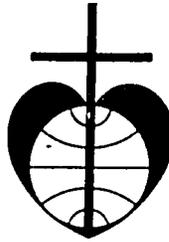
En accusant réception de votre journal "Development-
Communication Report" n°66- 1989/3 que vous avez bien voulu me faire
tenir,

J'ai l'honneur de vous adresser mes vif remerciements et
toutes mes félicitations pour la qualité technique et la richesse
du contenu de ce journal.

Je vous prie d'agréer, Monsieur le Directeur, l'expres-
sion de ma considération distinguée.



Jacques FAME NDONGO



CRWRC

November 10, 1989

Clearinghouse on Development Communication
1815 N. Fort Myer Drive, Suite 600
Rosslyn, VA 22209

Dear Sir or Madam,

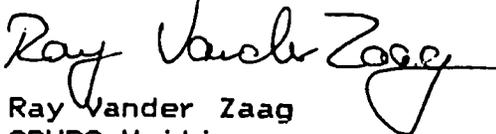
For several years I have enjoyed receiving the Development Communication Report. I especially was interested in the most recent issue I received, on the subject of distance learning.

I work in a community development program in the Central Plateau of Haiti. The program has developed a team of local staff over the years, through much on-the-job training. All of the staff have had limited formal education, some only through primary school, a few others through secondary school. Many would like to improve their 'job readiness,' and continue their education. Thus we are always on the lookout for educational opportunities for them, that fit into their present life situation.

Recently I wrote you requesting information concerning institutions and/or schools that offer distance learning programs in French (programs that range from traditional correspondence courses at the secondary and university level to specific programs that deal with topics related to development.) You promptly sent a reply listing numerous such institutions. Unfortunately, I have lost your reply letter. Could you please send me the same information again. (I promise I won't lose it this time.)

Thank you again for your help and attention.

Sincerely,


Ray Vander Zaag
CRWRC Haiti.

P.S. Please address correspondence to our Florida mailing address:
PAP/MAF
R. Vander Zaag - CRWRC
Box 407103
Ft. Lauderdale, FL 33340-7103

CHRISTIAN REFORMED WORLD RELIEF COMMITTEE 2850 Kalamazoo Avenue, Grand Rapids, Mich. 49560
BP 1693 Port-au-Prince, Haiti

h/28/89
✓

November 26, 1989

Andre Roussel
Information Specialist
Institute for International Research
1815 N. Fort Myer Drive, Suite 600
Arlington, VA 22209

Dear Mr. Roussel:

Thank you very much for your immediate action on request.

The references on visual literacy you sent me could be very rich sources of information for my graduate thesis. In this connection, may I ask you to send me one (1) copy each. Just bill me for the cost (if they are for sale) of the materials and postage.

Also, the 1989/2 No. 65 issue of DCR features an article by Philip Decker entitled, "Grassroots Communication: Lessons from a Tree-Planting Campaign" which utilized photo-mural to motivate the community into action. The strategy is very much effective and is worth replicating in our country for the same project, environmental communication. So, if you have copies of the handbook on photo-mural at CDC, please send me one.

Furthermore, in my previous letter, I mentioned to you I am subscriber to DCR. However, my address in your mailing list is:

Applied Communication Unit
Office of the Director of Research
and Extension
ViSCA, Baybay, Leyte.

Since I'm on study leave today at UPLB, please send my copies to my present address.

Once again, allow me to anticipate for your immediate and kind action on my request.

Sent 12/11/89
Photomurals by Bennis
Carr
J.P. (Luhz) /60

Thank you very much and more power.

Very truly yours,

Rotacio S. Gravoso

ROTACIO S. GRAVOSO

WILDLIFE
CONSERVATION
SOCIETY OF
Zambia



EXECUTIVE COMMITTEE OF GENERAL COUNCIL
P.O. BOX 30255 LUSAKA ZAMBIA
TELEPHONE 254226

ref: NA151289

22nd December, 1989

Mr. A. Roussel
Institute for International Research
1815 N. Ft. Myer Drive, 6th Floor
Arlington, Virginia 22209
U.S.A.

Dear Mr Roussel,

DCR 1989/2 NO 65

We would like to thank you most sincerely for publishing details of our conservation education programme network in DCR. As a result we have today received an enquiry from Liberia. It is great to be able to communicate with countries so far away, and exchange ideas.

Yours, with compliments of the season.

Yours sincerely,

Nikki Ashley
Deputy Director (Administration)



Cornell University

New York State College of
Agriculture and Life Sciences

Department of Communication

307 Roberts Hall
Ithaca, NY 14853-5901

607/255-2111

September 27, 1989

Mr. Michael Laflin, Director
Clearinghouse on Development Communication
1815 North Fort Myer Drive, Suite 600
Arlington, VA 22209

Dear Michael:

Congratulations on continuing the high quality production of the
Development Communication Report.

I recently spent several months in Malaysia working with the Public
Health Institute of the Ministry of Health. I know the Institute staff and
the health education officers in each of the states of Malaysia would benefit
greatly from DCR. What would be the best way of getting it to them: for
example, could you bulk-ship about 20 copies to the head of the Institute's
Health Education Program, so that the Institute could arrange for re-
distribution. Or could you send one copy for the Institute to copy and
distribute. In case you want to contact the Institute directly, write to:

Encik K. Mariappan
Senior Health Officer
Institut Kesihatan Umum
Jalan Bangsar
59200 Kuala Lumpur
Malaysia

We appreciate your help during the summer in hosting our CPS group.
Enclosed is our announcement for 1990 which we would appreciate having
mentioned in the next DCR.

Best wishes.

Sincerely,

Royal D. Colle
Professor and Chairman
of the Department

RDC/ca
enclosure

Handwritten: RDC
11/3/89

Handwritten: -764



INDIANA UNIVERSITY

SCHOOL OF EDUCATION
W.W. Wright Education Building
3rd and Jordan
Bloomington, Indiana 47405

January 26, 1990

Ms. Desiree deGraeve
Clearinghouse on Development Communication
1815 N. Fort Myer Drive, Suite 600
Arlington, VA 22209

Dear Ms. deGraeve:

I'm a long-time reader of Development Communication Report, and I continue to find it fascinating and useful in my work--teaching about the design and use of media for instruction. You-all are doing a nice job with it at IIR.

I have a close colleague at the Open University in Indonesia who absolutely should be on your subscription rolls. If he is not, could you please add him? He is:

Dr. Yusufhadi Miarso
Universitas Terbuka
Kotak Pos 6666
Jakarta 10001
INDONESIA.

Thanks very much.

Cordially,

A handwritten signature in cursive script that reads "Michael Molenda".

Michael Molenda, PhD.
Instructional Systems Technology

DCM
CK
1/29/90

-876

12



श्री ५ को सरकार

His Majesty's Government of Nepal
Ministry of Agriculture
Support to District Agricultural Planning
Project NEP/87/010
Harihar Bhawan, Lalitpur
Tel: 5-24230

Food and Agriculture
Organisation
Telex : 2371 FAOKTM NP
Tel : 5-23239, 5-23200
P. O. Box 25 Kathmandu
Nepal

United Nations
Development Programme
P. O. Box 107, Kathmandu
Telex : NP 2206, 2306 UNDP
Cable : UNDEVPRO, Kathmandu
Tel : 523200

Ref. :

Date : 2.2.1990.

Mr. Michael Laflin
Director
Clearinghouse on Development Communication
1815 North Fort Myer Drive
Suite 600, Arlington
VA 22209, USA.

Dear Director Laflin,

I have recently read your quarterly newsletter - 'Development Communication Report' and found it highly informative and useful in the field of development communication. I consider that this newsletter will be extremely useful to any professional including myself in the field of development.

I would appreciate it very much if you could kindly put my name on the mailing list to receive this newsletter.

Furthermore, I am interested to get past copies of this newsletter and would be glad to pay for the expenses as required.

Thank you very much for bringing out such a useful publication.

Yours sincerely,

G. R. Islam

Tarafder R. Islam
FAO Adviser
c/o UNDP, Kathmandu,
P. O. Box 20, GCPO
New York, NY 10160.

2/9/90

Handwritten notes:
2/9/90
EXC4
DCR BACKS.

104 115



RESEARCH INSTITUTE FOR EDUCATION PLANNING
UNIVERSITY OF THE ORANGE FREE STATE

TELEPHONE: AREA CODE 061
NUMBER 4012856, 4012525

P.O. BOX 339

BLOEMFONTEIN
9300
REPUBLIC OF SOUTH AFRICA

051-4012399

Refer:

SKS/hb

10 November 1989

Clearinghouse on Development Communication

1815 N Ft Myer Drive Sixth Floor

ARLINGTON

Virginia 22209

U S A

Dear Sir

On behalf of Prof van der Linde and the Institute, I would like to thank you for the publications lists, newsletters etc., which we have been receiving regularly.

I would also like to thank you for your co-operation during the past year. I wish you a merry Christmas and a prosperous New Year.

Yours sincerely

S K SWANEPOEL (MRS)
HEAD: DOCUMENTATION SECTION



UNIVERSITY OF FORT HARE

PRIVATE BAG X1314 ALICE REPUBLIC OF CISKEI *South Africa*
TELEPHONE ALICE CODE (0404) 32011 TELEGRAMS "UNIFORT" TELEX 242193

Department of Historical and Comparative Education

Michael Laflin
Director: Clearinghouse on Development Communication
1815 North Fort Myer Drive, Suite 600
Arlington, VA 22209
USA

*DD
could you
help me
with the
addresses of
these people?
thks.*

Dear Michael Laflin

CONTACT WITH WINTHROP P CARTY

We have read with sincere interest the article by Winthrop P Carty in your latest edition of DCR (page 6) and would love to obtain a copy of the Global Report on Population and Environment. This is urgently required by one of our post-graduate students who is presently investigating the possibility of designing a curriculum for Ciskeian schools with emphasis on environmental education

Another person we would like to contact is Diane Walton Wood, Director of Latin American and Caribbean Programs at the World Wildlife Fund. We are particularly interested in the publication: "Final Evaluation of Environmental Education Project II" and "Mid - Term Formative Evaluation of Environmental Education Project EDUNAT II" Produced for USAID/Ecuador.

We are also sincerely interested in the work done by Merri Weinger, MPH, occupational and environmental health specialist with the California Department of Health in Emerlyville, California. Please let us have her address.

For your kind assistance please be assured of our sincere thanks and appreciation.

Thank you also for your valuable and most informative journal (DCR) which we receive regularly

Yours sincerely

DR J H KRUGER
ACTING HEAD: DEPARTMENT OF HISTORICAL AND COMPARATIVE EDUCATION

JHK/ap

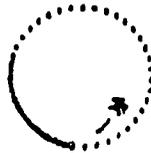
*P.S. Could you let us have a copy of your Handbook for Journalists
It would be highly appreciated.*

11/28/89

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SOUTH PACIFIC COMMISSION

PRIVATE MAIL BAG
SUVA, FIJI.



CABLE
"SOUTH-PACOM" SUVA
TELEPHONE: 383300
FAX: 384721 SUVA, FIJI

FAX MESSAGE

No. 616

TO FAX NO. (703) 527-4661, U.S.A. No. of pages (including this): 1

TO: Clearinghouse on Development Communication, Arlington, Virginia.

FROM: South Pacific Commission, Suva, Fiji.

DATE: 13 November, 1989. FILE: 123/1/1

SUBJECT: Writings in Communications

Dear Sir/Madam,

In DCR 1989/Supplement I read of Nigerian and African writings in communication, and would very much like to receive the following from you:

"Communication and Human Needs in Africa" by Onuora Nwuneli.

As a regular recipient of DCR, and being active in the field of Development Communication, I find a lot of useful information and resource material in each issue of DCR and thank you again for providing an invaluable service.

With thanks,
Yours faithfully,



Ashley Wickham
Radio Broadcasts Officer

AW/11t

Dear Mr. Roussel

People like you, are people
that made the
communication something
possible, something
real.

With special thank you
your friend from Bolivia

Jose Luis

Estudio Fotografico "LOS KANKITAS" - Casilla 4996 - Tel. 358944 - La Paz - Bolivia - DL. 4-10-118-82
PROHIBIDA LA REPRODUCCION

IMPRESO EN BOLIVIA LA PAPELERA S.A.



Mr. Andre Roussel
Clearinghouse on
Development Communication
Arlington - Virginia
Ames, Iowa, Sept 25, 1989

Ames, Iowa, September 8, 1989

Mr. -
ANDRE ROUSELL
Clearinghouse on
Development Communication
Arlington, VA

Dear Mr. Andre Rousel:

Thank you for your collaboration helping me to find materials related to my M.S. Thesis- Participative Radio in Bolivia-. I really appreciate the complete detail about the documents that the Clearinghouse's has published, and the additional references about the documentation available at the Agency for International Development -AID-.

I am sending back the subscription form for the DCR, and additionally I want to request the following issues from your back publications:

- The special bound collection COVER TO COVER with the 25 articles from past issues # 40 through # 56 of the DCR.

No. 62 Social marketing and instructional radio; the Atelier Theatre Burkinabe; Rethinking Development Support Communication; l' utilization d'objectifs en Radio Educative. Fall 1988.

No. 63 Special issue on distance education; reviews of distance education in teacher training and higher education; motivation; feedback; instructional design principles. Winter 1988.

From your free stack of books:

Radio Math in Nicaragua
Radio Mathematics Project: Nicaragua 1974-1975

From your Videotapes:

Radio: The Interactive Teacher, 20 minutes, color in Spanish. VHS.

*~ full
:K.*
Additionally, I want to know how can I get the different Interactive Radio Instruction programs, including scripts and live recordings on cassettes tapes of sample lesson that you said. Maybe you have a catalog of those ?

Finally, please let me know if your institution has some

special policy to acquire documents being foreign student of a developing country, because I am amazed for the great possibility to research inside your publications but the expenses of my scholarship -Latin American Scholarship of American Universities, LASPAU- can not allow me have this possibility.

I enclose a check to cover the cost of the Video tape in the understanding that the DCR editions can be free to nationals of developing countries, please tell me if I'm correct.

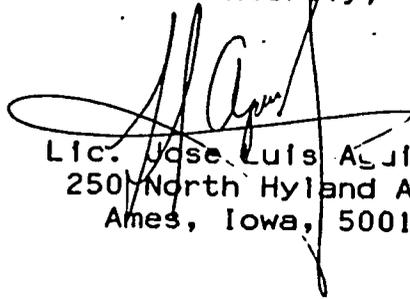
P.D. How can I order a document from the Sourcebook on Radio's Role in Development if those dont have the ED number or another reference, such as:

Esman, Milton. "popular Participation and Feedback Systems in Rural Development. In. International Symposium on Communication Strategies for Rural Development, California, Colombia, 1974. Proceedings. California, Cornell University-CIAT, 1974. pp 70-78.

Copy
if
Library

Your collaboration is well appreciated.

Sincerely,



Lic. Jose Luis Asirre A.
250 North Hyland Ap. #2
Ames, Iowa, 50010

\$ 500 4.55
Rural Dev. Committee
Center for Intl. Studies
170 Uni Hall, Cornell U.
Ithaca, New York
14853

1. Information Collection and Organization

Staffing

Stephen Mitchell, the CDC Librarian, accepted a job at the Environment Protection Agency and left the CDC at the end of December. We are grateful for his work in

- setting up the MicroDIS system which provides a computerized cataloging system for the library;
- organizing the shelves into a usable and expandable system;
- updating the thesaurus of descriptors by which documents are identified;
- beginning the massive task of cataloging the library, and entering a good portion of the documents in the most frequently used sections.

Mitchell was a trained librarian. Now that we have the system designed, software and hardware set up and procedures developed for implementing the system, the CDC needs to press ahead in cataloging the documents. This is a relatively easy task for intelligent, educated people and does not require trained librarians.

We have replaced Mitchell with three graduate students from Georgetown and American Universities who each work 20 hours per week. We expect the following benefits:

- we have increased the number of hours per week from 37.5 hours to 60 hours and expect to see a corresponding increase in the rate of cataloging;

- the cost is the same, since the part-time assistance is charged to the consultant line rather than fulltime staff line (that includes benefits and overhead);
- we may see an increase in quality, since cataloging all day every day can become a mind-numbing operation for one person. Three part-time people enter each shift more refreshed.

We are taking steps to improve the management of journal acquisitions, which was done on a simple card index, by designing a monitoring program on D-Base.

We also are improving the appearance of the library and making it easier for users to locate materials. A major task is to weed out irrelevant or outdated material, which the Director will do, but we have also begun to put customized covers on flimsy documents, to label the shelves more clearly and attractively, and to label the boxes in which many of the documents are housed on the shelves.

Acquisitions

We acquired 527 new documents during this period, of which the majority were in the technical areas of education (192 documents), technology (90), health (72) and communication (50).

A complete list of new acquisitions appears in the Appendix.

Cataloguing

There are now 3497 documents catalogued in the database. During this six-month period, we catalogued 1064 new documents.

Journals

The CDC received issues of 244 journals and newsletters during the last six months, the majority on an exchange basis with the *Development Communication Report*.

48 are directly relevant to the mission of the Clearinghouse on Development Communication, dealing with broadcasting, educational technology, telecommunications, communication research, journalism, information technology and distance education.

Almost none fill the niche occupied by the *Development Communication Report*. Nevertheless, the 244 journals provide a valuable resource of current information and knowledge about all areas of development.

The technical areas in which we receive journals include:

- Adult education
- Agriculture
- AIDS
- Appropriate technology
- Basic education
- Computers and informatics
- Communication research
- Educational Technology
- Environment
- Fisheries
- Health
- The media and broadcasting
- Nutrition
- Population
- Substance abuse
- Telecommunications

We also receive regionally-focused publications such as *The Bay of Bengal News*, *Co-operation South*, *Society for Par-*

ticipatory Research in Asia Newsletter, and the *Thai Development Newsletter*; and reports from institutions ranging from the *Atma Jaya Research Centre Newsletter* and *Boletin Represion a Menores en Chile* to *World Watch*.

A complete list of journal titles appears in the Appendix.

2. Information Retrieval and Dissemination

Information Requests

We received 91 requests for assistance during this period.

Requests from CDC members overseas were received from:

Argentina, Australia, Belize, Benin, Brazil, Burundi, Cameroun, Canada, Ciskei, Colombia, Ethiopia, Fiji, Guatemala, Honduras, India, Iran, Italy, the Ivory Coast, Kenya, Liberia, Mexico, the Netherlands, Nigeria, Papua New Guinea, Peru, the Philippines, Portugal, South Africa, Tanzania, Trinidad, Vanuatu, Western Samoa and Zimbabwe.

Some were simple requests for single issues of CDC materials. The *Development Communication Report* on environmental communication attracted many requests including requests for 20 copies from the World Resources Institute, 25 copies from S&T/Rural Development, 5 copies from A.I.D.'s Population Office, and 12 copies from the Manitoba Environment Foundation.

Other requests were for materials, project descriptions, bibliographies, sources of further information and/or materials on:

- environmental education materials,
- how to communicate with Indian populations and information on video production techniques,
- AIDS public awareness campaigns,
- broadcasting for primary education in Africa,

- the bibliography on distance education,
- radio for rural development in Africa and Asia,
- financing telecommunications products in the Third World,
- a request for hard data on telephone ownership worldwide (received from the A.I.D. PVO office)
- a bibliography on the transfer of technology (from IDRC),
- references on visual literacy,
- agricultural extension materials,
- drug abuse prevention materials and strategies,
- references on radio in Ecuador,
- materials on folk media and traditional knowledge in development communication,
- research on traditional communication in Papua New Guinea, references for health education materials,
- a bibliography on visual materials for women in primary health care and family planning, and
- referrals for health, agriculture and family planning video distributors.

The Communication Digest

In collaboration with the Learning Technologies Project, a Communication Digest is being produced. It will attempt to provide hard evidence and descriptive detail on what we know has worked in development communication. Its scope will be worldwide, it will include all technologies and communication strategies, and will relate to every development sector and development purpose.

The Communication Digest serves the goals of the Clearinghouse on Development Communication in at least three ways:

- We are very aware that the library is inaccessible to the vast majority of our members in developing countries. The Digest attempts to give the library "legs" by

reproducing the knowledge and experience it contains on a small number of diskettes. These can be used on a microcomputer, and will allow searching in the same way that a library affords.

- The Clearinghouse Director attended a meeting in Paris, sponsored by UNESCO and the UNFPA, and attended by the WHO, FAO, AMIC (in Singapore), ACCE (in Kenya) and IFAL (in Peru). The purpose of the meeting was to plan communication training courses for development communicators. The Digest is seen as the future knowledge base for these training courses, and UNESCO and the UNFPA have contributed \$10,000 towards its generation.
- We see the Digest, which will contain at least 200 abstracts by the summer of 1990, as a more functional replacement for the Project Profiles formerly produced by the Clearinghouse. Each abstract will also be printed out and catalogued in the CDC Library.

3. Relations with other projects and programs

Section 3 was drafted by Andre Roussel.

New exchange agreements

New exchange agreements were established with the following organizations:

- The World Association of Community Broadcasters, Montreal, Canada - *InteRadio*;
- Universidad de Antioquia, Medellin, Colombia - *Revista Universidad de Antioquia*;

- Universite de Montreal, Faculte des Sciences de l'Education, Montreal, Canada - *Papers of the VIIth World Congress of Comparative Education*;
- Int'l. Wilderness Leadership Foundation, Fort Collins, CO - *The Leaf*;
- WHO Regional Centre for Environmental Health Activities (CEHA), Amman, Jordan - *CEHA* and *CEHANET Newsletters*;
- Women Environment and Development Network (WEDNET), York University, York, Canada - *WEDNET Newsletter*;
- Archives of Traditional Music, Indiana University, Bloomington, IN - *RESOUND*;
- World Development Forum, Washington, D.C. - *African Farmer, World Development Forum*;
- Federation Europeenne des Radios Libres (FERL), Forcalquier, France - *EuroRadio*;
- UNESCO/CARNEID, St. Michael, Barbados - Miscellaneous reports;
- Centro Dominicano de Estudios de la Educacion (CEDEE), Santo Domingo, Republica Dominicana - Miscellaneous reports.
- UNESCO

Collaboration with other AID projects

The Clearinghouse has been designated as the agency to provide follow-up services regarding AID projects to the Educa-

tion For All conference in Bangkok. The nature of these services has yet to be described in detail.

The PRITECH project visited the Clearinghouse to establish closer working ties. An exchange of working documents and reports was set up, and a list of health organizations in Kenya was presented with a request for each to receive the DCR.

A representative of the Vector Borne Disease Control Project visited the Clearinghouse to establish similar ties.

Assistance was provided to the Radio Learning Project in collecting materials for its conference in Zimbabwe. The Clearinghouse received a collection of papers presented at the conference.

We wish to register our gratitude to Dr. Clifford Block for the donation of project documents and books to the library.

Visitors to the CDC

Among the distinguished visitors to the Clearinghouse in this period were:

- Professor R.F. Ganapathy, Indian Institute of Management
- Ravim Bacchoo, Senior News Editor, MBC/TV Mauritius
- Dr. Negussie Teffera, Council of Ministers, Information, Foreign Relations & Justice, Addis Ababa, Ethiopia
- Aditya Man Shrestha, Chairman, Asian Forum of Environmental Journalists, Kathmandu, Nepal
- Altrena Mukuria, Country Representative, PRITECH, Nairobi, Kenya
- Dr. Samuel S. Rea, the Director, S&T/Ed

4. Publications

Section 4 has been drafted by Kathy Selvaggio.

Development Communication Report

The period under review was marked by a change in editorship from Desiree DeGraeve to Kathy Selvaggio, which occurred in December 1989.

During the present review period, two editions of the *Development Communication Report* were published. DCR #66 (1989/3), which focused on media-based training, was printed in early December 1989. It was the final edition produced under the editorship of Dede DeGraeve. Gretta Nettleton, a specialist in the field of media-based training, served as an advisory editor to the issue. DCR #67 (1989/4), which focused on information technologies, was printed in mid-February 1990. It was the first edition to be produced under the editorship of Kathy Selvaggio. The time involved in making the transition between editors and in carrying out analysis of the data from the information technology questionnaire delayed publication, so that the DCR must still "catch up" with its publication date. We expect to be on schedule by no later than issue no. 69 (1990/2).

One feature of recent DCR editions is strong representation from writers in developing countries. In the past two editions, approximately half of the authors originated from Third World countries. We will continue to seek as many contributions from Third World authors as possible, given the constraints of time and logistical difficulties of communicating with Third World authors. In addition, we are trying to achieve a balance in coverage of experiences from different regions of the developing world. At the same time, we are aware not to overlook examples from the United States and other industrialized countries which may have global significance.

Production of the publication continues to run smoothly. The desktop publishing techniques were adopted by the new editor without major difficulty. Dede DeGraeve has generously

agreed to continue providing production advice and assistance as needed. Coordination with Walden Graphics and Duquesne University Press has become routine, with each vendor taking approximately one week's production time. However, Kathy Selvaggio has decided to review "bluelines," the final prototype of the publication, an extra step which may postpone final publication by two to three days, but which will undoubtedly prevent errors in the final printed copy.

Future editions

DCR #68, scheduled for publication in early April 1990, will focus on the topic of literacy. Recognizing that a wealth of literature on this topic already exists, the edition will feature articles critically assessing approaches to literacy, focusing on "what works" and highlighting the role of various communications media. Jim Hoxeng of USAID, S&T/Ed and Steve Anzalone of IIR's Learning Technologies Project have provided editorial guidance for the edition.

At the suggestion of USAID officers, we have approached officials of the Secretariat of the Education for All Conference and offered to do a special publication presenting highlights of the conference and reproducing some of the major papers presented. At the time of this writing, members of the Secretariat have not yet responded to this proposal.

We are presently discussing another proposal to devote the summer or fall edition of the DCR to the topic of "lifestyles and health promotion" with Dr. Jack Ling of the Tulane University School of Public Health and Tropical Medicine. Dr. Ling, who has offered to serve as advisory editor to the edition, has been active in the WHO's recent campaign to address the rise in lifestyle-induced illnesses in Third World countries -- e.g., those associated with improper diet, alcohol and tobacco consumption, drug addiction, and sexual behavior. Attention to the issue has grown with the recognition of the role played by the mass media and advertising in shaping lifestyles in Third World countries.

We also plan to devote an edition to women and communication. This edition might cover such topics as the representation and role of women in the communications field; images of women communicated through the mass media, and through educational materials such as textbooks; alternative communication and media channels used by women for social change; the development of communications strategies and materials to promote awareness of women's rights and status; and perhaps specific examples of communications initiatives related to women's roles in family planning, health, and child survival. We have broached the topic of collaboration with USAID Office of Women in Development on this issue with Kathleen Moran, the former editor of the DCR and now a staff member of the USAID WID Office. We will also be in touch with various governmental and non-governmental organizations around the world which have experimented with or documented communication strategies for promoting women in development.

Regarding production of the DCR in the future, we are considering changing the style and format of the DCR. The present style is highly economical on space, but its density is uninviting to the reader. Cramming as many words on the page becomes counterproductive if it discourages reading. Throughout the following months we will be collecting examples of different newsletter styles and then consider the feasibility of adapting them using desktop publishing techniques. We will also consult a professional designer before a final selection is made. We want to choose a new style carefully, since it is likely to represent a change for the medium or long term.

Foreign Language Editions

Andre Roussel, CDC's information specialist and a native of France, has been working diligently to translate selected articles from the DCR into French, for the benefit of French-speaking readers in Africa, Asia, Europe, and elsewhere. So far, he has completed translations for four separate French-language special editions:

- one on distance education from DCR #62 and #63;
- a second on local radio from DCR #64 and #58;
- a third on health communication, drawing from various editions; and
- a fourth on environmental communication from published in the DCR #65.

Each edition is being produced in-house using desktop publishing and will be made available to interested readers upon request. We plan to include notices about the French translations in future editions of the English-language DCR. Since we do not anticipate enough demand for the French-language editions to justify the cost of printing color editions, we plan to photocopy each set in response to individual requests.

The French translation of the distance education articles were produced in a format closely resembling the DCR in time for the Education for All conference in early March. It was put on exhibition through the USAID, S&T/Ed Office.

The same articles that have been selected for French translation will also be translated into Spanish if the French versions are seen to be popular. Mariel Escudero, an IIR employee and a native of Peru, has been asked to carry out the initial translation.

Article Reprints

With the exception of the reprints mentioned in the following paragraph, we are not aware of other reprints of DCR articles during the review period. However, since we do not require prior permission to reprint, often we are informed about reprints following publication. In addition, if the publication fails to notify us, as we request, we might find out about the reprint only by chance.

One problem we have experienced lately is the reprinting of DCR articles without attributing credit to either the DCR or

the Clearinghouse. In June 1989, the *Agricultural Information Development Bulletin*, which is published by the United Nations Economic and Social Commission for Asia and the Pacific, reprinted two articles from DCR #62. In January 1990, the same publication reprinted no less than seven articles on local radio from DCR #64 -- almost the entire issue -- again without any reference to the DCR or the Clearinghouse. A letter has been sent to the editors of this publication asking for an explanation and requesting that full credit be given in the next edition. However, consideration is being given to strengthening the statement on reprinting articles, published in each edition of the DCR, in order to limit such incidents in the future.

Distance Education Bibliography

The bibliography on distance education, compiled by Andre Roussel and Desiree DeGraeve, is in the final stages of editing and production.

Information Technology Questionnaire

Last summer, a questionnaire designed by Mike Laflin and Dede DeGraeve inquiring about the use of information technologies was sent to all DCR readers in developing countries. A total of 270 readers responded by the August 31, 1989 deadline. In the fall, Dede DeGraeve and Raj Kunungo, a statistics and research specialist at George Washington University, coded and analyzed the responses, using the SPSS-X computer program (Statistical Package for Social Sciences). Hundreds of cross-tabulations were generated. The most important results were reported in an article published in DCR #67. As a courtesy to those who completed the questionnaire, a summary of the main statistical findings will be sent to each respondent.

This initiative represents the Clearinghouse's first attempt to undertake original research. It was a learning process for those involved: problems in the questionnaire design emerged when the responses were coded and analyzed; the low level of responses from Latin America suggested the need for a

Spanish translation or for promotional efforts; and data analysis was a more time-consuming process than anticipated. Overall, however, the process was positive and speaks well for our ability to conduct further research studies in the future.

5. Marketing of CDC services

Costa Rica

USAID/Costa Rica asked the Clearinghouse to provide a consultant to assist a Costa Rican private voluntary organization to write the project paper for a substance abuse prevention communication and education project. Ms Myla Brookes was contracted and performed the task between December 10th and 23rd.

The CDC received a phone call from the Mission HRDO in February that gave a glowing account of the lucidity and comprehensiveness of the project documentation. The project was approved in 40 minutes without revision, and the Mission Director said it was the best document of its type he had ever seen.

Guatemala

The CDC has been asked by USAID/Guatemala to provide two consultants to evaluate a local private sector agency, supported by the Mission, that produces popular literacy, education and information materials for industrial workers and farmers.

New subscriptions to the Development Communication Report.

There were 50 new paying subscriptions this period, and 90 renewals. There is now a total paying membership of 385 members as compared to 159 when we took over the Clearinghouse.

There were 238 new free subscriptions this period as compared to 230 in the last six-month period.

There were 17 new exchange agreements established with publishers of other newsletters and journals, as compared with 28 in the last six-month period.

Andre Roussel recently checked the mailing list for people whose subscriptions have lapsed. There is a group of nearly 200 people whose subscriptions lapsed since 1986. The majority lapsed in 1988 (103 subscribers) and 1989 (67 subscribers). Looking at the names and addresses on the subscription list, it may be that many non-renewers have moved and not received the *Development Communication Report* nor our renewal letter for a year or two. We will follow up on them.

6. Finances

We recently presented to the Technical Monitor a pipeline analysis of expenditures so far and projected expenditures until December 31, 1990.

The gist of the analysis is that after eighteen months we are absolutely on target.

Our expenditures are consistent with the contract budget with minimal variation within the budget lines. The only line that has been exceeded is that for materials, equipment and supplies which we will ask the Contract Officer for permission to re-program from other parts of the budget.

7. Activities during next six months

We will produce more information packages. Andre Roussel has already prepared a prototype package on communication for women in development, and we prepared a package on direct broadcast satellite for S&T/Ed. We intend to prepare more on the basis of requests received.

Marketing Development in Small Radio Stations is still being prepared by Michael Laflin, and will be a priority this period.

The Distance Education bibliography has been completed and will be mailed.

The use of media in the U.S. to promote entrepreneurship and market economies, to provide current information, to educate and to provide practical advice will be researched for its utility in Eastern Europe and the developing countries traditionally supported by A.I.D.

"Highlights" of the data received on the information questionnaire will be reproduced and packaged.

Upcoming *Development Communication Reports* were described above. Collaboration with organizations in Asia, Latin America and Africa on regional issues of *Development Communication Report* is being discussed and the feasibility and merits of such collaboration are being assessed.

Translations into Spanish will be started when the response to French editions has been gauged. The process is expensive and time-consuming. The opportunity cost is therefore a major consideration. We will discuss the costs and benefits with the Technical Monitor since translations are a contractual obligation.

The library development will continue.

Further opportunities to do work directly for USAID Missions, such as the design and evaluation work done for Costa Rica and Guatemala, and other international organizations, such as the work done for UNESCO, will be pursued.

CDC INFORMATION REQUESTS LOG

Third Semester

From September 1, 1989 to February 28, 1990

| <u>LOG DATE & DCR ID #</u> | <u>NAME & ADDRESS</u> | <u>ORGANIZATION</u> | <u>S E R V I C E R E N D E R E D</u> |
|--------------------------------|--|---|--|
| 083089-1 | Nancy Swing, 265 Rocky Run Rd. Falmouth, VA 22405 | | Videos: Masagana 99, A Way To Bridge the Distance, Eng. VHS |
| 083089-2 | Steve Grant, 647-9228 | AID | Hard Data on Telephone ownership worldwide |
| 083089-3 | Roger Walters, P.O.Box 487, No. 35 Gabourel Lane, Belize City, C.A. | U.S. Peace Corps | References on Environmental Education |
| 083189-4 | Hussein Gholami Electricity Noor, Robot Karim Shahriar, Karaj, Iran | | Referrals to U.S. Animal Science Institutions & Assoc. |
| 090889-5 | Samuel Dimka Federal Agral. Coordinating Unit, P.M.B. 02737, Jos, Plateau State, Nigeria | | Referrals to Mass Com. Training Institutions; USDA Training Catalog |
| 083089-6 | Jorge Remy Padilla Av. Salavery 560, Apdo. 457, Chiclayo, Peru | | Proj. Prof.on Agriculture, Video: Communication for Change, Spa. Beta. |
| 090889-7 | Sonia Bolton San martin Obispo, Acayucan, 96000 Veracruz, Mexico | F r a n c i s c a n Missionaries of Mary | References on how to communicate with indian populations; referrals to CIKARD, Mexico's PIACT project, Ecuador's Radio Baha'i, articles from Dr. Simoni, Dr. L. Casillas, Dr. L.A. Vargas |
| 091389-8 | David Richards, NGO Programs, 1709 New York Ave., Ste 700, Washington, D.C. 20006 | World Resources Int'l. | 20 issues of DCR 65 on Environmental Communication |

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| 091389-9 | Dodie Butler, 2000 14th street, N.W. 2 n d . F l o o r Washington, D.C. 20009 | Office on Latino Affairs | General information on the Clearinghouse and IIR |
| 091389-10 | François Sheff 200 Promenade du Portage, Hull Quebec KA1 094, Canada | CIDA/ Development Information center | Proj. Prof. on Health, DCR # 48 - 49 - 51 - 54, Video: A Way To Bridge the Distance |
| 091389-11 | David Martin NGO Program, 1250 24th. street, N.W., Washington, DC 20037 | World Wild Life Fund | General Information on the Clearinghouse |
| 091889-12 | Terry Hardt | AID- ST/RD, SA-18, Rm.608 | 25 issues of DCR 65 on Environmental Communication |
| 091989-13 | Zodwa Ginindza 1102 Gillespie Place, Austin, TX 78704 | Univ. of Texas, Austin | DCR back issues |
| 091989-14 | Lic. José Luis Aguirre, 250 North Hyland, Apt. 2, Ames, Iowa 50010 | | CDC publications: Cover to Cover, DCR # 62 - 63, Books: Radio Math in Nicaragua (2), Video: The Interactive Teacher (Spa), Interactive Radio I n s t r u c t i o n D e m o n s t r a t i o n P a c k a g e ; r e f e r r a l t o Coornell Univ. Center for International Studies |
| 091989-15 | Ms. Roseli Senna Ganem, programa nacional de Irrigação, 70.300 Brasilia, Brazil | Programa Nacional de I r r i g a ç a o / Environmental Studies | Referrals to Unesco Environmental Ed. Office; citations from CDC Library; DCR 65 on Environmental Communication |
| 091989-15 | Madeleine Welsh | AID Library | DCR 63 |
| 092189-16 | Frank Cosway rm. 960 - 330 St. Mary Avenue, Winnipeg, Manitoba, Canada, R3C 3Z5 | Manitoba Environment | 12 issues of DCR 65 on Environmental Communication |

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| 092189-17 | Nalini Visvanathan, Kipling Road, Brattleboro, VT 05302 | School for International Training | References on Video Production Techniques: Video User's Handbook, by Peter Hutz; VTR Workshop: Small Format Video, by Loretta Atienza; Video Production Techniques, by AMIC Singapore |
| 092589-18 | Alan O'Connor, Columbus, OH 43210 | Dept. of Communications, Ohio State Univ. | Video: Marketing Ideas, Selling Nutrition |
| 092689-19 | Judith Sultzer | AID /POP, SA - 18 Rm 711 | 3 issues of DCR 65 on Environmental Communication |
| 092889-20 | Alberta Jacoby, 60 College Street, P.O.Box 333, New Haven, CT 06510 | Yale School of Public Health | References on the CDC Health Materials Collection & Publications |
| 092989-21 | Wally Morrell, 5220 East Bellevue, Apt. 2, Tucson, AR 85712 | | References on AIDS public awareness campaigns from CDC Library; DCR 57; referral to J. Hopkins /PCS |
| 100389-22 | Tom Tilson | EDC | 20 copies of RADECO book |
| 100389-23 | Victor Gutarra Cerron Pampa Grande, Argentina | Unidad Departamental de Salud, Tumbes | Proj. Prof., DCR Sub. |
| 100389-24 | Rukia Hayata, P.O.Box 16697, Dar-Es-Salaam, Tanzania | Women's Link | DCR 51 on Health Communication |
| 100389-25 | Teresa Stuart, Los Banos, Philippines | Council for Agriculture, Forestry | Proj. Prof. |
| 100389-26 | Prof. V.K. Dubey, Varanasi 221 005, India | Nat'l Council of Developmental Communication, Banaras Hindu University | Books: RADECO, RLAP Kenya |
| 100489-27 | GPO Box 399C Melbourne, VIC 3001, Australia | World Vision, Information Center | Set of Proj. Prof. |

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| 101289-28 | Ashkley Wickham, Regional media centre, Private Bag Mail, Suva, Fiji | South Pacific Commission | LRCN Package |
| 101289-29 | Micael Olson, P.O.Box 6605, Boroko, PNG | Nat'l Information Service, Dept. of Prime Minister | LRCN Package |
| 101289-30 | Maria - Constance Egbo-Glele, Director of Radio Benin, Cotonou, Benin | Radio Benin | LRCN Package |
| 100889-31 | Dr. Jack Ling, 1430 Tulane Ave., New Orleans, LA 70112- 2699 | Int'l Communication Center, School of Public Health Medicine | DCR back issues |
| 101689-32 | D. Boopathy, Coimbatore 641 044, India | | DCR back issues, Bulletin No.9 |
| 101789-33 | Lizabeth Leberis, P.O.Box 2020, 1200 CA Hilversum, The Netherlands | Trans World Radio | DCR Sub, Bulletin No. 4 |
| 101089-34 | Sunil de Silva, Apt 2, Mill Street, Inner City Apts. Athens, OH 45701 | | Bibliographic References on Broadcasting for Primary Ed. in Africa +: Bulletin No. 8; RLAP Kenya |
| 102589-35 | Terrence McCain, La Esperanza, Intibucà, Honduras | Peace Corps | Materials on Environmental Education, referral to Partners of the Americas/ Honduras, DCR 65, referral to Fundacion Natura/Ecuador |
| 102489-36 | Joses Togase, Private mail bag 40, Port Vila, Vanuatu | Department of Agriculture & Livestock | DCR Sub., back issues |
| 103089-37 | Dean Nielsen, 63 Bear tavern rd. Titusville, NJ 08560 | | Bibl. citations on Distance Education |
| 110189-38 | Joan Larcom | EDC | DCR 64, 65; 10 copies of Nicaragua Math Books |

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| 103089-39 | Lisa Schwartz 649 Lexington Avenue, East Lansing, MI 48823 | | Bibl. citations on Radio for Rural Africa & Asia, Evaluation of LRCN, H.Ray's Agricultural Communication |
| 110689-40 | Kent Sidel 803/777- 6692 | College of Journalism, Univ. of S.Carolina | List of Countries without TV Service |
| 110689-41 | Swedi Elongo, Bujumbura, Burundi | CADIC | Proj. Prof., CDC Publications Catalog |
| 110789-42 | Usman Jimada, Coordinator EPI/ORT Media Campaign, Maiduguri, Nigeria | University of Maiduguri/ Dept. of Mass Communication | Referrals to HEALTHCOM, PRITECH, WHO, Institute for Communication Research, Stanford U n i v . , APHA/Clearinghouse on Infant Feeding & Maternal Nutrition |
| 110889-43 | T a y é G b a o v Georgette, BP V47 Abidjan, Côte d'Ivoire | Institut Nat'l de Santé Publique | Video: Briging the Distance (FR) |
| 110989-44 | Thomas Seiler, 6420 Floridana Avenue, Melbourne Beach, FL 32951 | | Materials on Financing Telecommunications Products in the Third World |
| 111389-45 | Esta de Fossard, 10326 Eclipse Lane, Great Falls, VA 22066 | | Referrals to Development Communication Training Institutions |
| 111489-46 | Ashley Wickham | South Pacific Commission | Referral to U.S. distributor of "Communication and Human Needs in Africa " by O. Nwuneli |
| 111489-47 | Hailegnaw Eshete, Addis Ababa, Ethiopia | Nat'l Research Institute of Health | Bibl. citations from CDC collection on Mass Media & Communication in Africa; referral to Communication and Human Needs In Africa. by O. Nwuneli |
| 111489-48 | Bertrand Chatel, 4000 Tunlaw road, N.W. Washington, dc 20007 | | Bibl. Citations on Transfer of Technology |

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|-----------|--|--|--|
| 111489-49 | Gilbert Okoronkwo, P.O.Box 44400, Nairobi, Kenya | Communication Department, Daystar University College | Bibl. Citations on Development Communication, DCR Reviews, Communication Research Trends Special Issue, CDC Catalog, referral to Development Communication Training Institutions in th U.S. |
| 111489-50 | Rotacio Gravoso, UPLB, College Laguna, Philippines | | Bibl. Citations on Visual Literacy; DCR 52 |
| 112889-51 | J M Jones, White Gates, 276 Aldwick Rd., Bognor Regis PO21 3QH, England | | IRI Package, DCR Special Issue, DCR 64 |
| 112889-52 | Paulette Foss, Apia, Western Samoa | IRETA | Bibl. Citations on Agricultural Extension, referrals to Ag. extension materials producing institutions |
| 112889-54 | Robert G. Mulbah, P. B. 48, 7000 Zwedru, Liberia | Bishop Duwle High School | AIDS Q & A's |
| 120189-55 | Phil Peachey, Via Mt. Isa 4825, Queensland, Australia | Doomadgee School | Bibl. Citations on Distance Ed.; referrals to Distance Ed. & Indigenous Knowledge contacts |
| 120189-56 | Dr. J H Kruger, Private Bag X1314, Alice Republic of Ciskei, South Africa | Univ. of Fort Hare, Dept. of History & Comparative Ed. | Referrals to DCR 65 contributors |
| 120689-57 | Roma Wong Sang, 16 Hillside Avenue, Cascade, Port-of- Spain, Trinidad, W.I. | | Bibl. Citations on Drug Prevention; CDC Publications: Cover to Cover; DCR back issues; Proj.Prof.; Bulletins # 5, 11 |
| 120689-58 | Margarita Florez, Director of Communication & Publications, Apdo Aereo 077844, Bogotá, Colombia | ILSA | General Information on CDC & IIR; rsource package on Distance Ed. & IRI |

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| 120889-59 | Jeanney Stefanek, 4620 West End Dr., Rhineland, WI 54501 | | References on Radio in Ecuador; Proj. Prof. |
| 121189-60 | Rotacio Gravoso, Visca, Baybay, Leyte, Philippines | | Materials on Visual Literacy |
| 121389-61 | Peter Schutof, Van Houtenstraat 10, 6702 CT Wageningen, The Netherlands | | Materials on Folk Media & Traditional Knowledge in Development Communication and referrals; Proj. Prof. |
| 121289-62 | Cevilio Holz, 503 B, Eagle Hgts Apts, Madison, WI 53705 | University of Wisconsin-Madison, Dept. of Agral. Journalism | Materials on Radio for Education |
| 122689-63 | Robert White, Piazza della Pilotta, 4 00187 Roma, Italy | The Gregorian University | DCR Back issues |
| 121389-64 | Joan Larcom | EDC | Sent paper: "The cost of Radio Instruction in Nicaragua", by Cathlyn McNally |
| 122789-65 | Connie Currier-Jayne, IEC Officer, P.O.Box ST 220, Southerton, Harare, Zimbabwe | Zimbabwe Natl Family Planning Council | LRCN Package |
| 122889-66 | James Wolo, P.O.Box 2628, Monrovia, Liberia | The Society for the Conservation of Nature | List of Environmental Organizations |
| 122989-67 | Jerry Arockiasamy, Christ the King Seminary, Manila, Philippines | | Paper on the use of Traditional Communication for Development in PNG; referral to Applied Social & Economic Research, Boroko, PNG |
| 122989-68 | Monique Zegarra, NGO Services, 1815 North Lynn Street, Arlington, VA 22209 | The Nature Conservancy | 30 issues of DCR 65 on Environmental Communication |
| 010990-69 | | Family Planning Assoc. of India, Bombay | DCR Back issues |
| 012290-70 | Kent Sidel | University of South Carolina | LRCN Package |

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| 011090-71 | Richard Wolff, President, 108 Wilmot Rd., Doorfield, IL 60015 | CORONET/MTI | DCR Back issues, Proj. Prof. |
| 011190-72 | Benjamin Hawley, Program Officer | USAID/ SANAA | CDC Information, Proj. Prof. (Arabic) |
| 012390-73 | Jude Sunderland | AED | 15 DCR #66 on Media Based Training |
| 012390-74 | Michelle Fryer | EDC | Nicaragua Math Lesson Scripts, Level I - 2, les.58-69 |
| 012590-75 | Ekoto Edjengte Thomas, B.P. 169, S a n g m e l i m a , Cameroon | Affaires Sociales & Condition Féminine | Referral to J.Hopkins Univ. /CCP |
| 012990-76 | Zodwa Ginidza, 1102 Gillespie Place, Austin TX 78704 | | Materials on Third W o r l d Telecommunications; referral to the African C o u n c i l o n C o m m u n i c a t i o n Education |
| 020190-77 | Sissy Woodard | AED | RADECO Book, Manuals, sample lesson cassette tape |
| 020790-78 | Ali Al Garni, 2249 College Avenue, Apt. 3, Stevens Point, WI 54481 | | Bibl. citations on Radio for Rural Development |
| 020990-79 | Joyce Guest, 9000 Rockville Pike, Bethesda, MD 20892 | Nat'l Cancer Institute, Office of Cancer Communication | DCR Back issues |
| 020990-80 | Lynda Johnson, Hills B e a c h R o a d . Biddeford, ME 04005- 9599 | AHEC Program Univ. of New England, College of Osteopathic Medicine | Bibl. Citation on Health Ed. Materials; referral to external resources for Health Ed. Materials |
| 021290-81 | Yuchin Wu, 1600 Research Bvd. 5P, Rockville MD 20850 | Aspen Systems Co. | DCR back issues about Communication for Low Literacy Level Populations |
| 021290-82 | Artur marques da Costa, largo da Luz, 1600 Lisboa, Portugal | Colegio Militar | D C R 6 5 o n E n v i r o n m e n t a l Communication |

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| 021690-83 | Penelope Maglaque, Librarian 208 North Columbia Street, CB #8100, Chapel Hill, NC 27514 | INTRAH | CDC information; Bulletin No.9 "Mtu Ni Afyu" |
| 021690-84 | Tony Hewett, H-10F, 3 UN plaza, New York, NY 10017 | UNICEF | DCR 66 (Facts For Life) |
| 021690-85 | Faith Savarese, Dept. of Communications, Continuing, and Vocational Education S a s k a t o o n , Saskatchewan S7N 0W0, Canada | U n i v e r s i t y o f Saskatchewan | Bibliography on Visual Materials for Women in PHC and FP |
| 010990-86 | Magda Fisher, P.O.Box 1188, Guatemala City, Guatemala | INCAP | DCR Back issues |
| 021390-87 | Maureen Tischler, 6122 Reistertown Rd., Baltimore, MD 21215 | OMG - Book Source | Referrals to Health, Agriculture, FP Video distributors |
| 022290-88 | Peg Hooper, 999 18th street, ste 500, Denver, CO 80202 | USEPA Region Aid Library | Bibliography on environmental issues |
| 022290-89 | V.K. Dubey, Benares Hindu University, Varanasi 221 005, India | N a t i C c l o n D e v e l o p m e n t Communication | IRI books, DCR special issue, IRI Manual |
| 022790-90 | Nell Mincey, Information Services, Research Triangle Park, NC 27709 | Family Health International | DCR back issue #57 (AIDS) |
| 022790-91 | Peter Hamilton, New York, NY 212/633- 0213 | C h i l d r e n ' s T V Workshop | CDC Acquisition list of Journals |

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JOURNALS RECEIVED BETWEEN SEPTEMBER 1, 1989 AND FEBRUARY 28, 1990

Journal Title:
Frequency:
Issues Received:

ACCIS Newsletter
Bi-monthly
Vol. 7, #3-5

ACEID Newsletter
#35

ADAB News
Bi-monthly
Vol. 6, #3-5

Adult Education and Development
Bi-annual
#33

Africa Media Review
Vol. 3, #2

Aggie Trends
Vol. 4, #10

Agribusiness Worldwide
10x/year
Vol. 2, #1-2

Agricultural Information Development Bulletin
4x/year
Vol. 11, #3-4

Agrimissio Notes and Comments
Bi-monthly
Feb. 1990

AID Research and Development Abstracts
3x/year
Vol. 15, #2-3

AIDS Research Exchange
6x/year
Oct. 1989

AIDS Watch
#4, 1989, #1, 1990

Journal Title:
Frequency:
Issues Received:

Asian Mass Communication Bulletin
Bi-monthly
Vol. 19, #5-6

Amfar Report
Dec.1989

Appropriate Technology International
4x/year
#20

Artisanal Fisheries and Aquaculture
#14

Asia Region Newsletter
3x/year
#7

Asian Action
3x/year
#73-74

Atma Jaya Research Centre Newsletter
3x/year
Vol. 13, #3

Audio Watch
#4, 1989; #1, 1990

Aurat
Oct. 1989

Bank's World
Vol. 8, #10

Bay of Bengal News
3x/year
#34-36

BBA Newsletter
Vol.3, #2

Boletín de Informática Educativa
Vol.2, #4

El Boletín DESFIL
3x/year
Vol.3, #1

Journal Title:
Frequency:
Issues Received:

Boletin Represion a Menores en Chile
3x/year
#14-15

Bread for the World Newsletter
10x/year
Vol. 1, #2-4

Cajanus
Oct. 1989

CALS Tech Bulletin
#4

Canadian Journal of Communication
4x/year
Vol. 14, #3-4

Cancer News
3x/year
Vol. 43, #2-3

Carnegie Quarterly
4x/year
Vol. 24, #3-4

CEDOIS Carta Informativa
Monthly
Vol. 7, #76-77

Center for Environmental Health Activities
#4

Centerviews
Bi-monthly
Vol. 7, #5

Children in Focus
4x/year
Vol. 1, #4

CHF Newsbriefs
Vol. 21, #3

Comparative & International Education Society Newsletter
#93

Journal Title:
Frequency:
Issues Received:

CIKARD News
4x/year
Vol. 1, #4

- Cine and Media
3x/year
Vol. 10, #3-4

CIRCIT Newsletter
Sept. 1989

Commission for the Study of International Migration and
Cooperative Economic Development
Nov. 1989

; Comunicando
#10

. Communicatio Socialis Yearbook
Vol. 8

Communication Abstracts
Vol. 12, #6

: Communication Research Trends
4x/year
Vol. 9, #4

∫ Communications and Society Forum Report
#11

- Community Radio News
Monthly
Sept.- Dec., 1989; Jan., Feb., 1990

Compass
Oct. 1989

Conservation Asia
#8-10

Contact-o
Bi-monthly
Vol. 4, #5

Convergencia
Oct. 1989

Journal Title:
Frequency:
Issues Received:

Cooperation South
#2-4

Council of Europe Newsletter
#3-4

The Courier
Bi-monthly
#117-119

Center for Policy Research in Education Policy Briefs
Dec., 1989

Center for Telecommunications Development
Vol. 1, #10

Current Abstracts Focus on Contraceptive Research
4x/year
Vol. 3, #3

DEEP
#1-2

Derecho a la Infancia
3x/year
#2-4

The DESFIL Newsletter
Vol. 3, #3

Development Bulletin
4x/year
#13-14

Development Connections
Monthly
Vol. 10, #1

Development Information Abstracts
Bi-monthly
Vol. 9, #4-5

DFD Newsletter
#27

DHS Newsletter
Vol. 2, #2

Journal Title:
Frequency:
Issues Received:

Dialogue
#7-8

Dialogue on Diarrhoea
4x/year
#38

Dissemination
Oct. 1989

Docencia Post Secundaria
Oct. 1989

Earthwatch
#4, 1989

Echo
4x/year
Vol. 38, #3-4

Echos du Cota
3x/year
#44-45

Ecoafrica
Vol. 3, #3

Ecobulletin
Dec. 1989

Ecoforum
Vol.14, #1

Educcacion
#34-35

Educational Innovation and Information
#59

- Educational Technology
Monthly
Vol. 29, #8-12, Vol. 30, #1-2

< Educational Technology Research
Vol.12, #1-2

Journal Title:
Frequency:
Issues Received:

Educommunication News
4x/year
#8-9

Enlace
#72

Environesia
4x/year
Vol. 3, #3

ETS Policy Notes
Vol. 2, #1

Euroradio
Sept., 1989; Feb., 1990

Family Health International
Vol. 10, #4

Farming Update
Vol. 1, #2

Feedback
Sept., 1989

Foco de Tecnologia Apropiada
#28-30

Front Lines
11x/year
Oct.- Dec., 1989

Futura
Vol. 1, #1

Genetic Engineering and Biotechnology Monitor
#26

George Washington Times
Vol. 19, #1

Global Options
Dec. 1989

Grassroots Development
Vol. 13, #1

Journal Title:
Frequency:
Issues Received:

Health Technology Directions
Vol. 9, #2

HIID Research Review
Vol. 3, #1

HIRI Development Information
#7, #14

Howard Journal of Communication
Vol. 1, #4

Human Communication Research
4x/year
Vol. 16, #1-2

Hygie
Vol. 7, #3

International Council for Adult Education News
#3-4, 1989

IDAF Newsletter
Oct. 1989

The IDB
11x/year
Vol. 16, #7-8

Idoc Internazionale
Bi-monthly
Sept.-Oct., 1989

International Foundation for Development Alternatives Dossier
Bi-monthly
#66,74

International Fertilizer Development Center Report
4x/year
Vol. 14, #2-3

Inter-American Institute for Cooperation on Agriculture News
Monthly
Vol. 6, #29,33

International Institute for Environment and Development
#18-20

Journal Title:
Frequency:
Issues Received:

International Institute for Education Planning Newsletter
4x/year
Vol. 7, #2-3

International Institute for Rural Construction News Briefs
Vol. 7, #2-3

Information Centre for Low-External-Input and Sustainable
Agriculture Newsletter
#3-5

International Labor Office Information
5x/year
Vol. 17, #3-5

Impact
4x/year
Nov., 1989

In View
4x/year
Fall/Winter 1989

Indian Journal of Adult Education
Oct. 1989

↓ Info World
Oct. 1989

↙ El Informador Tecnológico
#8-9

Informer"R"
Bi-weekly
#177-188

Innotech Newsletter
Bi-monthly
Vol. 8, #3-4

Instructional Delivery Systems
Nov., 1989

Integration
4x/year
#20-21

Journal Title:
Frequency:
Issues Received:

Intercultural and Development Communication Newsletter
Sept., 1989

Inter Media
Vol. 17, #3-5

Interadio
Vol. 2, #2

International Agriculture Update
4x/year
Vol. 4, #4; Vol. 5, #1

International Ag-Sieve
#6-7

International Bureau of Education Communication/Comunicacion
Dec., 1989

International Dateline
Monthly
Sept. 1989- Jan. 1990

International Family Planning Perspectives
4x/year
Vol. 15, #1,3

International Journal of Education Development
4x/year
Vol. 9, #3

International Leadership
Sept. 1989

International Literacy Year
#6

International Rehabilitation Review
3x/year
Vol. 40, #2-3

International Sharing
3x/year
Vol. 4, #3

International Telecommunication Union Press
Dec., 1989; Jan., 1990

Journal Title:
Frequency:
Issues Received:

Interpaks Interchange
Vol. 6, #3

Issues and Ideas
Jan., 1990

Japan's ODA Outlook
#26

JOICFP News
Monthly
#183-188

Journal of Broadcasting and Electronic Media
4x/year
Vol. 33, #4

The Leaf
#2-3

LSD Bulletin
Vol.1, #2

Macroscopic
Oct. 1989

Marine Conservation News
Vol.2, #1

MCH News Pac
Vol. 4, #6

Media and Methods
Dec. 1989, Jan. 1990

El Mensajero
#27

Microelectronics Monitor
Vol. 3, #12

Minka
3x/year
#25

Mothers and Children
Oct. 1989

Journal Title:
Frequency:
Issues Received:

Moving Pictures Bulletin
4x/year
#7

Mujer/Fempres
#96-98, 1989; #90, 1990

National Association of Broadcasters News
Sept. 1989

Natura
4x/year
Sept., Dec., 1989

National Clearinghouse for Bilingual Education Forum
Vol. 13, #1

NCP Bulletin
Oct. 1989

New Breeze
4x/year
Vol. 1, #3

News Line
4x/year
#39

Nexus
Vol. 11, #3; Vol. 12, #1

Northwest Report
Sept.- Dec., 1989; Jan., 1990

National Technological University Uplink
Vol. 4, #8

Nutrition News
Bi-monthly
Vol. 10, #3-5

Overseas Development Council Policy Focus
#5

On-Air Initiatives
Vol. 3, #3

Journal Title:
Frequency:
Issues Received:

OSAP High Risk Youth Update
Vol. 2, #4

Outlook
4x/year
Vol. 7, #3-4

Pacific Telecommunications
Dec. 1989

Paghahasik
Vol. 1, #1

Pan American Development Foundation News
Oct., 1989

Para la Historia del Periodismo
#4-6

Peacefund
Dec. 1989

People
Vol. 16, #4; Vol. 17, #1

PIACT de Mexico Boletin Informativo
4x/year
Vol. 5, #3-4

Poblacion y Desarrollo
Monthly
Vol. 7, #8,10-11

Poptech Insights
Vol. 1, #1

Population Today
11x/year
Vol. 17, #9-12, Vol. 18, #1-2

Post Production Systems Newsletter
#11-12

Presencia Ecumenica
#15

Pro Sound News

Journal Title:
Frequency:
Issues Received:

Prociandino
Bi-monthly
Vol. 3, #2-4

Psychology Today
Vol. 23, #7-8

Publications Update
Vol. 6, #5-8

RADF News
Vol. 8, #3

* Radio Week
Weekly
12/11, 12/18, 1/1, 1/8, 1/15 1/22, 1/29, 2/5

Reaching Out
Vol. 1, Winter 1989

Red Iberoamericana de Revistas de Comunicacion y Cultura
#29-32

Reeflections
4x/year
#24

Region
Dec., 1989

Resound
Oct., 1989

* Revista de Tecnologia Educativa
Oct., 1989

* Research Institute for Newspaper Development Survey
Monthly
Vol. 10, #9-12; Vol. 11, #1-2

RRDD Bulletin
#25

Rudoc News
Vol. 4, #1-2

Ryerson International

51

Journal Title:
Frequency:
Issues Received:

Safe Motherhood
#1, 1989

Sage Publications, Inc.
Dec., 1989

Satellite Communications
13x/year
Sept. 1989- Feb. 1990

Search News
Vol. 4, #1-3

Settlements Information Network Africa
Nov., 1989

Signo y Pensamiento
Sept. 1989

SINA
#19

Society for Participatory Research in Asia Newsletter
Oct., Dec. 1989

Solidarios
#48

Source
4x/year
Vol. 1, #2-3

Spore
Bi-monthly
#22-24

Technical Literature Update on Diarrhea
Monthly
Vol. 4, #6-9

Technotrends
Sept. 1989

Tel-Coms
Monthly
Vol. 2, #3-5

6

Journal Title:
Frequency:
Issues Received:

Telematics and Informatics
Vol. 6, #3-4

Thai Development Newsletter
#17

Transnational Associations Transnationales
Bi-monthly
Vol. 41, #3-6

Transnational Perspectives
3x/year
Vol. 15, #1-2

The Tribune
4x/year
#43

Tropical Coastal Area Management
Vol. 4, #2

TV Today
Weekly
1/1, 1/8

UNESCO Adult Education Information Notes
Dec. 1989

UNESCO Sources
#7-11, 1989; #1, 1990

UNIDO Newsletter
#256-258

Universities
Vol. 10, #2-3

Update
Bi-weekly
Vol. 2, #18-26, Vol. 3, #1-2

The Urban Edge
10x/year
Vol. 13, #9-10, Vol. 14, #1

U.S. IPCC News
#5-6

Journal Title:
Frequency:
Issues Received:

Vanguard Trust
Jan. 1990

Vanguardia
4x/year
Vol. 2, #4

Via Satellite
Monthly
Vol. 4, #10, Vol. 5, #1

VIC Computer Centre Newsletter
Vol. 6, #3

Volunteers in Technical Assistance News
4x/year
Oct. 1989

Vocational and Industrial Training Board News
#131-132

Voices
Jan., 1990

Water and Wastewater International
Vol. 4, #3

The League of Red Cross and Red Crescent Societies Weekly News
#39-50

WHO Press
11/28, 12/8, 1/12

Women Development Programme Bulletin
Vol. 1, #3

Women in Action
4x/year
#3

Womenews
4x/year
Vol. 6, #2-3

Journal Title:
Frequency:
Issues Received:

World Development
Vol. 2, #5-6, Vol. 3, #1

World Development Forum
Vol. 8, #2

World Health
10x/year
Sept.- Dec., 1989

World Health Forum
Vol. 10, #2

World Neighbors in Action
Feb. 1990

World Watch
Bi-Monthly
Vol. 3, #1

World Wire
Vol. 4, #2

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**ACQUISITIONS BY CATEGORY
SEPTEMBER-FEBRUARY 1990**

| | |
|------------------------|------------|
| AGRICULTURE | 21 |
| COMMUNICATIONS | 50 |
| DEVELOPMENT | 47 |
| EDUCATION | 192 |
| ENVIRONMENT | 35 |
| FAMILY PLANNING | 13 |
| HEALTH | 72 |
| NUTRITION | 9 |
| TECHNOLOGY | 90 |
| TOTAL | 527 |

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CDC ACQUISITIONS

September 1989 to February 28, 1990

| TITLE | FORMAT |
|--|-------------------|
| Date: September 7, 1989 | |
| Information for a better environment: Infoterra. Washington, EPA, ND | Pamphlet |
| Infoterra focal points. Washington, EPA, ND | Directory |
| Some success stories and some other queries processed by Infoterra (1987-88). Washington, EPA, ND | Paper |
| List of Infoterra special sectoral sources (SSS). Washington, EPA, ND | Directory |
| Public Information Center publications list. Washington, EPA, 1989 | Library Resources |
| World Resources Institute programs in brief staff directory. Washington, WRI, 1989 | Directory |
| Barrero, Andres Ricardo Novoa: El CIID y la investigacion en comunicacion social: analisis de sus contribuciones en paises seleccionados de America Latin, 1980-1985. Bogota, CIID, 1987 (CIID and the social communication study: analysis of the contributions of select Latin American countries) | Paper |
| Radio, educacion y campesinado en el Peru. Ottawa, IDRC, 1985 (Radio, education and farming in Peru) | Micro-fiche |
| Radio y comunicacion popular en el Peru. Ottawa, IDRC, 1986 (Radio and popular communication in Peru) | Paper |
| Work for Justice, no. 21, March, 1989 Newsletter | |
| PIACT de Mexico Boletin Informativo, vol. 5, no. 3, 1989 Newsletter (PIACT of Mexico Information Bulletin) | |
| HIRI Development Information for PNG, vol. 2, no. 7, 1989 Newsletter | |
| Mamose integrated law awareness campaign. Issued by National Information Service. Source unknown, ND | Book |

Women Development Programme Bulletin, vol. 1, no. 3, 1989
Newsletter

von Ehrenfried, Manfred: Adventures on spacestation Freedom. C o m i c
Book
Washington, TADCORPS, 1989

von Ehrenfried, Manfred: Inspiring young people to learn Paper
about space. Washington, TADCORPS, 1989

| TITLE | FORMAT |
|--|-----------------|
| Health principles of housing. Geneva, WHO, 1989 | Booklet |
| Bayer, Wolfgang; Waters-Bayer, Ann: Crop-livestock interactions for sustainable agriculture. London, IIED, 1989 | Paper |
| Fones-Sundell, Melinda: Perspectives on soil erosion in Africa: whose problem? London, IIED, 1989 | Paper |
| Blake, Robert O.: Sustainability in agriculture development programmes: the approach of USAID. London, IIED, 1989 | Paper |
| Development communication case study: a rural communication system for development in Mexico's tropical lowlands. Rome, FAO, 1987 | Report |
| Development support communication status report 1988. Rome, FAO, 1988 | Report |
| Communication in Third World countries. Hull (Quebec), CIDA, ND | Paper |
| Cain, Bonnie J.; Comings, John P.: Market testing comics and photonovels. Washington, BJ Cain and Associates, Inc., ND | Booklet |
| Coldevin, G. O.: Broadcasting development and research in Kenya. From: Journal of Educational Television, vol. 6, no. 2, p61-67, 1980 | Journal Article |
| Coldevin, G. O.: Broadcasting development and research in Tanzania. From: Journal of Educational Television, vol. 5, no. 3, p70-76, 1979 | Journal Article |
| Coldevin, Gary O.: Evaluation in rural development: a case study from West Africa. From: Media in Education and Development, p112-118, September, 1986 | Journal Article |
| Sidel, M. Kent: Playing catch-up with national video policy in Guyana. Columbia, Univ. of South Carolina, ND | Paper |
| Potworowski, J. Andre: A utilization framework for IDRC projects. Ottawa, IDRC, ND | Paper |
| Hicks, Philip: Art forms put to use in sociology. From: The Newfoundland Herald, p28-29, April 11, 1987 | Journal Article |
| Pakistan child survival. Washington, AID, 1988 | Paper |
| Report on the evaluation of Zimbabwe country programme 1983-1988. New York, UNPF, 1988 | Report |
| Lesotho radio programs dub. Source unknown, 1989 | Audio-cassette |

| TITLE | FORMAT |
|---|-----------------|
| Date: September 8, 1989 | |
| Demby, Austin; Bennett, Diane: A multimedia campaign aimed at secondary school children with a view to accessing the general rural community. Presented at the First International Symposium on Education, Ixtapa, Mexico, 1988 | Paper |
| Overview of public health education program on AIDS in Tanzania. Source unknown, ND | Paper |
| Hubley, J. H.: AIDS in Africa: a challenge to health education. Leeds, Leeds Polytechnic, ND | Paper |
| Sittirai, Werasit: Qualitative research for development of IE & C materials for high risk groups in Thailand. Bangkok, Chulalongkorn Univ., ND | Paper |
| Ankrah, E. Maxine: Knowledge, attitudes and practices (KAP) study for school health education: implications for AIDS control. Kampala, UNICEF-Uganda, 1987 | Report |
| Dalglish, Peter: Report on testing of "survivors:" a cartoon for street children. Toronto, Street Kids International, 1988 | Report |
| Date: September 19, 1989 | |
| Resumes des communications. Montreal, Universite de Montreal, 1989 (Communication abstracts) | Abstracts |
| India: Chitrabani. From: ifda dossier, no. 73, p65, 1989 | Journal Article |
| The international environmental education programme. Paris, Unesco, 1985 | Pamphlet |
| Educational module on conservation and management of natural resources. Paris, Unesco, 1986 | Book |
| Educational module on environmental problems in cities. Paris, Unesco, 1983 | Book |
| Jacobsen, Willard J. (ed): Environmental education: module for in-service training of teachers and supervisors for primary schools. Paris, Unesco, 1985 | Book |
| Fensham, Peter; Hunwick, D. John: Environmental education: module for pre-service training of science teachers and supervisors for secondary schools. Paris, Unesco, 1986 | Book |
| Environmental education: module for in-service training of science teachers and supervisors for secondary schools. Paris, Unesco, 1986 | Book |

| TITLE | FORMAT |
|---|--------|
| Sinha, Savita; Jangira, N. K.; Das, Supta: Environmental education: module for pre-service training of social science teachers and supervisors for secondary schools. Paris, Unesco, 1985 | Book |
| Delaeye, J. P.; Scuchon, C.: Energy: an interdisciplinary theme for environmental education. Paris, Unesco, 1986 | Book |
| Bennett, Dean B.: Evaluating environmental education in schools: a practical guide for teachers. Paris, Unesco, 1984 | Book |
| Interdisciplinary approaches in environmental education. Paris, Unesco, 1985 | Book |
| Vers une pedagogie de solution de problemes en education relative a l'environnement. Paris, Unesco, 1985 (A problem solving approach to environmental education) | Book |
| The balance of lifekine: an introduction to the notion of human environment. Paris, Unesco, 1986 | Book |
| Hungerford, Harold R.; Peyton, Robert Ben: procedures for developing an environmental education curriculum: a discussion guide for Unesco training seminars on environmental education. Paris, Unesco, 1986 | Book |
| Wilke, Richard D.; Peyton, R. Ben; Hungerford, Harold R.: Strategies for the training of teachers in environmental education. Paris, Unesco, 1987 | Book |
| Simpson, Patricia D. (ed); Hungerford, Harold R. (ed); Volk, Trudi L. (ed): Environmental education: a process for pre-service teacher training curriculum development. Paris, Unesco, 1988 | Book |
| Hungerford, Harold R.; et al.: An environmental education approach to the training of elementary teachers: a teacher education programme. Paris, Unesco, 1988 | Book |
| Living in the environment: a sourcebook for environmental education. Paris, Unesco, 1985 | Book |
| Takacs, Viola (ed): Toward interdisciplinary environmental Conference education. Budapest, OOK Hungary, 1981 Proceeding | |
| Taylor, John: Guide on simulation and gaming for environmental education. Paris, Unesco, 1983 | Book |
| The United States population data sheet of the Population Reference Bureau, Inc.: a demographic portrait of the | Poster |

American people, 8th ed. Washington, PRB, 1989

| TITLE | FORMAT |
|--|-----------------|
| Bollier, David: The social impact of widespread computer use: implications for East-West relations. Turo(MA), Aspe: Institute, 1989 | Report |
| Royston, Erica (ed); Armstrong, Sue (ed): Preventing maternal deaths. Geneva, WHO, 1989 | Book |
| Date: September 20, 1989 | |
| Hart, Andrew; Silverstone, Roger: Teaching television: the real world. From: Media in Education and Development, vol. 21, no. 4, p179-180, 1989 | Journal Article |
| Parfitt, Shirley: Pictograms for agrochemical labels. From: Media in Education and Development, vol. 21, no. 4, p176-178, 1989 | Journal Article |
| AIDS health promotion exchange. From: Media in Education and Development, vol. 21, no. 4, p175-176, 1989 | Journal Article |
| Smith, Chris: The educational value of computer-mediated communications. From: Media in Education and Development, vol. 21, no. 4, p169-171, 1989 | Journal Article |
| Anderson, Keith: Participatory video in community development. From: Media in Education and Development, vol. 21, no. 4, p163-168, 1989 | Journal Article |
| Cripwell, Kenneth: A picture storybook for health education. From: Media in Education and Development, vol. 21, no. 4, p131-133, 1989 | Journal Article |
| Perraton, Hilary: The commonwealth of learning. From: Media in Education and Development, vol. 21, no. 4, p134-136, 1989 | Journal Article |
| Singer, Roger: Optical mark reading technology. From: Media in Education and Development, vol. 21, no. 4, p153-156, 1989 | Journal Article |
| Vincent, Tom; et al.: Disabled students, computers and distance teaching: some experiences from the Open University and implications. From: Media in Education and Development, vol. 21, no. 4, p157-162, 1989 | Journal Article |
| Ishadi, S. K.: Towards the information revolution era: using satellites in Indonesia. From: Media Asia, vol. 16, no. 1, p41-46, 1989 | Journal Article |
| Monu, Erasmus D.: Delivering relevant development information to the rural poor. From: Media Asia, vol. 16, no. 1, p10-15, 1989 | Journal Article |

| TITLE | FORMAT |
|--|-----------------|
| Lent, John A.: Mass communication in Asia and the Pacific: recent trends and developments. From: Media Asia, vol. 16, no. 1, p16-24, 1989 | Journal Article |
| Khan, M. Shamsul Islam: Developments in new information technologies and their application and prospects in Bangladesh. From: Media Asia, vol. 16, no. 1, p32-40, 1989 | Journal Article |
| Date: September 22, 1989 | |
| Cornia, Giovanni Andrea (ed); Jolly, Richard (ed); Stewart, Frances (ed): Adjustment with a human face. Volume I: protecting the vulnerable and promoting growth. Oxford, Clarendon Press, 1987 | Book |
| Lull, James (ed): World families watch television. Newbury Park, Sage, 1988 | Book |
| A decade of NBER books 1979-1988 including the complete tables of contents of conferences and project volumes. Cambridge, National Bureau of Economic Research, Inc., ND | Book |
| From Alma-Ata to the year 2000: reflections at the midpoint. Geneva, WHO, 1988 | Book |
| Rocheleau, Dianne; Weber, Fred; Field-Juma, Alison: Agroforestry in dryland Africa. Series: Science and Practice of Agroforestry, 3. Nairobi, International Council for Research in Agroforestry, 1988 | Book |
| Health of the elderly. Geneva, WHO, 1989 | Book |
| Carrington, Maria E.; Griffiths, Marcia; Diamond, Maggie: Guide to mass media and support materials for nutrition education in developing countries: a supplement. New York, Manoff International Inc., 1987 | Book |
| Manual for the assessment of weaning practices in Indonesia. New York, Manoff International Inc., 1987 | Book |
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| Israel, Ronald C.; Foote, Dennis; Tognetti, Janet: Operational guidelines for social marketing projects in health and nutrition. Paris, Unesco, 1987 | Book |
| Adhikarya, Ronny; Posamentier, Heimo: Motivating farmers for action: how strategic multi-media campaigns can help. Results | Book |

of the Bangladesh rat control programs. Eschborn, Deutsche Gesellschaft fur Technische, 1987

| TITLE | FORMAT |
|--|---------------|
| Lemay, Michele H.; Hale, Lynne Zeitlin: A guide to public education materials for coastal resources management. Kingston, Univ. of Rhode Island, 1989 | Book |
| Rhoades, Robert E.: Breaking new ground: agricultural anthropology. Lima, International Potato Center, 1984 | Book |
| Date: October 3, 1989 | |
| WIF communication support for the Third World. Colombo, Worldview International Foundation (WIF), ND | Pamphlet |
| Under the coconut trees. Colombo. WIF, ND | Pamphlet |
| WIF video productions filmed in 1981. Colombo, WIF, ND | Bibliography |
| Synopsis of video productions made by Worldview International Foundation (WIF) Nepal. Colombo, WIF, ND | Paper |
| WIF. Colombo, WIF, ND Profile | C o m p a n y |
| Comprehensive solutions for enhanced learning. Lancaster, ISC Educational Systems, Inc., ND | Folio |
| Writing a communication/media project: a basic and simple guide. Harare, Baptist Media, 1989 | Paper |
| Davis, Geoffrey L.: Retraining a nation's teachers. Lancaster, ISC Educational Systems, Inc., ND | Paper |
| Beardslee, Edward C.; Davis, Geoffrey L.: Evaluating a new approach to remedial math instruction. Lancaster, ISC Educational Systems, Inc., ND | Paper |
| Proposal to the intermediate unit 13 technology committee for a teacher induction interactive videodisc course. Lancaster, ISC Educational Systems, Inc., ND | Paper |
| Benefits of interactive videodisc. Lancaster, ISC Educational Systems, Inc., ND | Paper |
| Gutierrez, Mario (ed): Video, tecnologia y comunicacion popular. Lima, IPAL, 1989 (Video, technology and popular communication) | Book |
| Annual report 1988-89 National Youth Service Action and Social Development Research Institute. Dhenkanal, NYSASDRI, 1989 | Annual Report |
| The World Bank annual report 1989. Washington, World Bank, 1989 | Annual Report |

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|---|-------------------|
| Natural family planning: a good option. Washington, Georgetown Univ., 1989 TITLE | Booklet FORMAT |
| Hasik-Kasarinlan. Quezon City, Center for Community Services, ND | Report |
| Investing in children: the economics of education. Washington, World Bank, ND | Video-cassette |
| Precautions in the use of pesticides. Produced by World Neighbors in Action, ND | Filmstrip |
| Drugs at work: employer version, 23:22 min/sec. Produced by National Institute on Drug Abuse, ND | Video-cassette |
| Bolivia: pesticides, 5 cuts, Spanish. Source unknown, ND | Audio-cassette |
| Natural endowments: financing resource conservation for development. Washington, World Resources Institute, 1989 | Report |
| The Golda Meir Mount Carmel International Training Centre. Haifa, Israel Association for International Cooperation, ND | Pamphlet |
| Proposed program for 1989-1990. Haifa, Golda Meir Mount Carmel Training Centre (MCTC), ND | Report |
| Study tour on teaching science and technology. Haifa, Golda Meir MCTC, 1989 | Report |
| Course on community development with emphasis on training and supervision. Haifa, Golda Meir MCTC, 1989 | Report |
| Curso de desarrollo comunitario y organizacion cooperativa rural. Haifa, Golda Meir MCTC, 1989 (Course on community development and cooperative rural organization) | Report |
| Shrestha, Aditya Man: Conservation communication in Nepal, with a strategy for Tarai region. Kathmandu, 1987 | Report |
| Friedman, Sharon M.; Friedman, Kenneth A.: Environmental journalism: guardian of the Asia commons. From: Environment, vol. 31, no. 5, p6-37, 1989 | Journal Article |
| Cartwright, T. J.: Microcomputers as appropriate technology for development. Toronto, York Univ., ND | Paper |
| Cartwright, T. J.: Information systems for planning in developing countries: some lessons from the experience of the United Nations Centre for Human Settlements (Habitat). From: Habitat International, vol. 11, no. 1, p191-205, 1987 | Journal Article |

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| Cartwright, T. J.: Urban management as a process, not an output: reflections on an international workshop. Toronto, York Univ., 1989 | Paper |
| TITLE | FORMAT |
| Cartwright, T. J.: The lost art of planning. From: Long Range Planning, vol. 20, no. 2, p92-99, 1987 | Journal Article |
| Cartwright, T. J.; Brown, M. R.; Seaforth, H. V.: Urban data management software: the growth and development of microcomputer software for planning. From: Habitat International, vol. 12, no. 4, p171-193, 1988 | Journal Article |
| Pakenviron, vol. 1, no. 2, 1989 Newsletter | |
| Date: October 12, 1989 | |
| Pusat penelitian Universitas Katolik Indonesia Atma Jaya: Atma Jaya Research Centre four year report, August 1984 - December 1988. Jakarta, Atma Jaya Research Centre, 1989 | Report |
| International business opportunities service annual technical assistance report. Washington, World Bank, 1989 | Annual Report |
| The feminist challenge to adult education. Toronto, ICAE, 1989 | Pamphlet |
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