

PN-AAS-940 40371

**A.I.D. BIBLIOGRAPHY SERIES  
DEVELOPMENT ADMINISTRATION NO. 1**

June 1, 1971

**ADMINISTRATION OF  
AGRICULTURAL  
DEVELOPMENT**

**A Selected List of References for A.I.D. Technicians**

Prepared by  
**Office of Development Administration  
Bureau for Technical Assistance  
in cooperation with  
A.I.D. Reference Center**

**Agency for International Development  
Department of State  
Washington, D. C. 20523**

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No. 3	Teacher Training	Oct. 1, 1971
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No. 1	Popular Participation in Development: Title IX	Aug. 15, 1970

\*Distributed as a part of Attachment A of AIDTO CIRCULAR A 46, Jan. 8, 1969.

# ADMINISTRATION OF AGRICULTURAL DEVELOPMENT

## Table of Contents

<i>Part</i>	<i>Page</i>	<i>Item No.</i>
I Agricultural Development Strategies: Administrative-Management Element	1-3	1-11
II Agricultural Planning Systems	4-5	12-19
III Rural Institution Building	6-7	20-24
IV Delivery of Agricultural Services	8-9	25-30
V Administration of Agricultural Development in Specific Countries	10-13	31-44
Afghanistan	10	31
China, Republic of	10	32-33
Ecuador	11	34
Iran	11	35
Israel	11	36
Japan	11	37
Middle East Countries	12	38
Pakistan	3	9
Turkey	12	39
United Arab Republic	12	40
Vietnam	12-13	41-42-43-44

## AUTHOR, PUBLISHER AND ORGANIZATION INDEX

*The numerals after each listing are item rather than page numbers*

- Abbott, J. C. 25  
Afghanistan, Government of, 31  
Agricultural Development Council, 8,  
22, 38  
AID Overseas Missions, 9, 34, 39, 41,  
42, 43  
AID/Washington, 1, 2, 18, 20, 32, 33,  
44
- Bajorin, Patricia, 2  
Balknap Press, 30  
Bradfield, Richard, 30  
Brewer, Joseph D., 41  
Brown, Lester R., 26  
Bunting, A. H., 12
- Clapp and Mayne, Inc., 34  
Clyburn, Lloyd, 42  
Cornell University Press, 7  
Creupelandt, H. C., 25  
Cuong, Nguyen Quoc, 43
- DeWilde, John C., 27
- FAO Association of Japan, 37  
Food and Agricultural Organization,  
United Nations, 25
- Gittinger, J. Price, 14, 35
- Hapgood, David, 5  
Harvard University Press, 30  
Hunter, Guy, 6
- Indian Council for Agricultural Re-  
search, 28  
International Bank for Reconstruction  
and Development, 27
- Japan FAO Association, 37  
Johns Hopkins University Press, 27
- Kulp, Earl M., 16
- Leagans, J. Paul, 7  
Little Brown and Company, 5  
Loomis, Charles P., 7
- Manglesdorf, Paul C., 30  
Massachusetts Institute of Tech-  
nology, 5  
Michigan, University of, 9  
Millikan, Max R., 5  
Ministry of Overseas Development, 10  
Missouri, University of, 24  
Montgomery, John D., 32  
Moseman, Albert H., 21, 22  
Mosher, Arthur T., 8, 23
- National Planning Association, 14, 35
- Ogura, Takekazu, 37  
Overseas Development Council, Inc.,  
26  
Oxford University Press, 6
- Pan American Union, 15  
Pelz, Donald C., 9  
Praeger Publishers, 12, 16, 17, 23, 26,  
29  
Price, Harry Bayard, 29  
Purdue University, 20
- Reimer, Allen H., 41  
Rizzo, E. E., 18  
Ryan, John W., 11
- Schickele, Ranier, 17  
Schwartz, Charles M., 41  
Smith, Kenneth F., 18, 44  
Stakman, E. C., 30
- Taylor, Donald C., 38  
Turkey, Ministry of Agriculture, 39
- United Nations, 4, 40  
University of Utah, 41  
U.S. Department of Agriculture, 2, 3,  
13, 31, 33, 38  
U.S. Department of the Army, Engi-  
neer Agency, 41  
U.S. Government Printing Office, 1  
Utah, University of, 31
- Warnken, Philip E., 24

Weitz, Raanan, 36  
Western Reserve University, 36

Wharton, Clifton R., 19  
Wisconsin, University of, 2, 11

## INTRODUCTION

This bibliography, one of a series designed to provide a guide to the publications of AID and other agencies working in the field of development assistance, focuses on the broad administrative-management aspects of agriculture in the emerging nations. Selection of materials has been limited mainly to the most important publications and documents that may be found in the AID Reference Center (ARC) and the Department of State Library. AID employees and others should benefit from the extensive recorded experience of the Agency and other institutions in this key sector which continues to play a prominent role in development.

### GUIDES TO USE OF THIS BIBLIOGRAPHY

1. Technicians going on their first assignment to a country will want to consult Part V, "The Administration of Agricultural Development in Specific Countries." Because all countries are not covered in this bibliography, they may also wish to visit the ARC or Department of State Library.
2. For general background information, it is suggested that individuals read Arthur T. Mosher, **GETTING AGRICULTURE MOVING**, because of its coverage of the components of agricultural development which must be administered effectively to achieve growth. Two useful works to introduce readers to the administrative-management aspects are Guy Hunter's **THE ADMINISTRATION OF AGRICULTURAL DEVELOPMENT: LESSONS FROM INDIA**, and Earl M. Kulp, **RURAL DEVELOPMENT PLANNING: SYSTEMS ANALYSIS AND WORKING METHOD**.
3. Because technicians are usually more interested in a certain category in their professional sector, i.e., Planning Systems, or Institution Building, publications are arranged under five different chapter, or "Part" headings. This is the reason that listings are not in alphabetical order, except within the five Parts themselves. An author-publisher index is provided to facilitate location of materials by this method.

## HOW TO OBTAIN DOCUMENTS

Documents having ARC Catalog numbers as a part of their listing may be used in or borrowed by AID/Washington staff members from the AID Reference Center, room 1656, New State. Documents bearing State Department library catalog numbers may be obtained from that library located in room 3239, New State.

AID staff members overseas should send requests for materials through their technical backstop office. The backstop office will consult with the AID Reference Center as to the best means of making the materials available. All materials should be returned through the backstop office to the Center.

AID Reference Center materials are primarily for use by the AID staff. However, they may be used for reference by non-AID staff in the Center.

Staff members of AID and other international organizations working in the technical assistance field should make requests for retention copies directly to the originating mission or agency bureau.

## PART I. LISTINGS BY SUBJECT

### Agricultural Development Strategies: Administrative-Management Element

1. *Agriculture: Science, Technology and Development. Volume III.* 1962, 262 p. Published by the Agency for International Development, Washington, D.C. Order from the Superintendent of Documents, U. S. Government Printing Office, Washington, D.C. 20402. Price 75 cents.  
U. S. Department of State Library Catalog No. HD82, S35,V.3  
ARC Catalog No. 338.91, U58a, V3.

This is one of twelve reports prepared by the United States for the United Nations Conference in 1962 on the Application of Science and Technology for the Benefit of the Less Developed Areas. Two of the papers deal with the improvement of management at the farm level: "Organizing for Agricultural Development" by Forrest F. Hill and Arthur T. Mosher, p. 1-11, and "Improving Management in Agricultural Development" by Carl C. Malone, p. 68-76. (The United Nations also published several reports on the conference containing a sampling of papers from several member nations).

2. Bajorin, Patricia (Compiler), *Public Administration in Agricultural Development: A Summary of Presentations and Discussions of the June 19 - July 14, 1967 Course. IADS-T-11.* January 29, 1968, 50 p. Prepared by the International Agricultural Development Service, U.S. Department of Agriculture, Washington, D.C. 20250, in cooperation with the University of Wisconsin and AID/Washington.  
ARC Catalog No. 630.11, D419.

Outline of a training course and a report on the 13th annual seminar for high level foreign agricultural officials. Covers administrative leadership, program development, organizing, directing, training and human relations. Includes list of case studies and references.

3. *Contours of Change: The Yearbook of Agriculture--1970.* 1970, 366 p. U.S. Department of Agriculture, Washington, D. C. Order from the Superintendent of Documents, U.S. Government Printing Office, Washington, D. C. 20402. Price \$3.50.  
ARC Catalog No. 630.962.Y3, 1970.

This yearbook includes many articles related to the administration of agriculture, including: "Structure, Change in Rural Government" p. 154-158, "Public Services in Rural Areas" p. 158-162, "Togetherness for Counties" p. 162-167, "The Dying Town and Why Time Passed It By" p. 168-173, "The Developing World: Problems Go Along with Opportunities" p. 287-292, "New Technology: Rose and Thorn" p. 298-307.

4. *Decentralization of National and Local Development. ST/TAO/M/19.* 1962, 246 p. Department of Economic and Social Affairs, Division for Public Administration, United Nations Technical Assistance Program, United Nations, New York,

N.Y. 10017. Out of print but may be seen in AID/Washington Reference Center. U.S. Department of State Library Catalog No. JX1977, ST/TAO/M/19. ARC Catalog No. 350, U58d.

A general discussion of decentralization, dealing with devolution of central government, participation of the people, area organization and local government. Administration of agricultural services is considered on pages 130-133.

5. Hapgood, David (Editor) and Max F. Millikan (Conference Chairman), *Policies for Promoting Agricultural Development, Report of a Conference on Productivity and Innovation in Agriculture in the Underdeveloped Countries*. 1965, 321 p. Center for International Studies, Massachusetts Institute of Technology; a limited supply of this edition is available for AID technicians from the Office of Agriculture and Fisheries, Bureau for Technical Assistance, AID/Washington. A later reprint, available to the public, *No Easy Harvest: The Dilemma of Agriculture in Underdeveloped Countries*, 1967, 192 p., by Max R. Millikan and David Hapgood, may be purchased from Little Brown and Company, 34 Beacon St., Boston, Mass. 02106. Price \$5.75. The annotation below is based on the 1965 report.  
ARC Catalog No. 630, P766.

Chapter Six deals with organizing agricultural development: the innovation package, the bureaucracy, organizational principles, farmer bureaucracy communications, and local leadership. Also includes two relevant articles as appendixes: Appendix C, "Measuring a Government's 'Will to Develop' in Agriculture" by John D. Montgomery and Stephen A. Margelin; and Appendix D, "The Bureaucracy as a Modernizing Elite: Can Government Routines Lead to Development?" by John D. Montgomery.

6. Hunter, Guy, *The Administration of Agricultural Development: Lessons From India*. 1970, 160 p. Oxford University Press, Inc., 1600 Pollitt Drive, Fair Lawn, New Jersey 07410. Price \$5.75.  
U.S. Department of State Library Catalog No. HD2073.H8.  
ARC Catalog No. IN 630.954, H945

This study, supported by the British Overseas Development Institute and the Rockefeller Foundation and conducted in India, was concerned with the interdisciplinary aspects of agricultural development. It probes the double question of what type of effort can best be applied to a farming community at each of its stages of development, and, simultaneously, what type of organization, administrative, political, or private, can the developing society itself hope to apply effectively. Of special interest are chapters on administrative coordination and the administrative method and its limitations.

7. Leagans, J. Paul and Charles P. Loomis (Editors), *Behavioral Change in Agriculture: Concepts and Strategies for Transition*. This book is scheduled for publication Sept. 1, 1971, Cornell University Press, 124 Roberts Place, Ithaca, N.Y. 14850. \$12.50.

This book is an outgrowth of a conference of international scholars held at Cornell University which focused on the human behavioral aspects of agricultural development. Chapters concerned primarily with the subject of this bibliography are No. 7 on developmental administration and one of the summary chapters (No. 12) on administrative policy.

8. Mosher, Arthur T., *Creating a Progressive Rural Structure to Serve a Modern Agriculture*. 1969, 172 p. The Agricultural Development Council, 630 Fifth Ave., New York, N.Y. 10020. Price \$4.50 plus 35 cents handling charge per order. ARC Catalog No. 301.35, M911.

Discusses one of the requirements for a modern agriculture: a system which provides the farm with needed materials and the farmers with the knowledge, skill and credit needed to take advantage of production opportunities. Emphasizes the administrative aspects of creating these systems in farming districts or regional market-town areas.

9. Pelz, Donald C., *Coordination, Communication, and Initiative in Agricultural Development: A Pilot Study in One District Each of Rajasthan, Punjab, and Uttar Pradesh*. Contract No. AID/nesa-124. January 1966, 94 p. Prepared at the Indian Institute of Public Administration, New Delhi, India by the Survey Research Center, University of Michigan 48823. ARC Catalog No. IN 309.154, M624a.

A pilot survey of three districts in India to demonstrate a research technique, train people and help to improve coordination. Identifies the weak links in the administrative system.

10. *Public Administration: A Select Bibliography*. July, 1967, 101 p. Ministry of Overseas Development Library, Eland House, Stag Place, London, S.W. 1. ARC Catalog No. 016.350, M665.

This revised edition of a 1963 bibliography on public administration compiled by the Department of Technical Co-operation (now the Ministry of Overseas Development) contains a useful section on agriculture in development overseas, p. 13-15.

11. Ryan, John W., *Public Administration in Agricultural Development 1961: A Program Report and Appraisal*. February 1962, 80 p. Bureau of Government, University of Wisconsin, Madison, Wisconsin 53706. ARC Catalog No. 350.0823, W811.

Summary report of administrative training programs for foreign agricultural officials carried on from 1955 to 1961. Discusses concepts of public administration and the application of these concepts to agricultural programs.

## PART II. AGRICULTURAL PLANNING SYSTEMS

12. Bunting, A.H. (Editor) *Change in Agriculture*. 1970, 813 p. Praeger Publishers, 111 Fourth Ave., New York, N.Y. 10003.  
U.S. Department of State Library Catalog No. S 401.I 68, 1968.

Papers, case studies and summaries presented at a 1968 seminar on change in agriculture held at the University of Reading, Reading, England. Presents a great variety of agricultural development activities in the developing countries. The art of development, according to the author, is to identify and move the key logs in the jam "using the simplest, most direct and most decentralized forms of administration that will do the job."

13. *Economic Progress of Agriculture in Developing Nations, 1950-68: Foreign Agricultural Economic Report No. 59*. May 1970, 179 p. Prepared by the Economic Research Service, U.S. Department of Agriculture, for the Office of Agriculture and Fisheries, AID/Washington.  
ARC Catalog No. 338.1, C554b.

Summarizes the findings of a study of agriculture in seven developing countries. Concludes that growth in agricultural production rates can be achieved with widely different institutional arrangements for services to rural people. Plan implementation has been a common problem, and the role of the public sector agencies has been uniformly important. Contains a bibliography of 92 items.

14. Gittinger, J. Price, *The Literature of Agricultural Planning*. 1966, 132 p. National Planning Association, Center for Development Planning, 1606 New Hampshire Ave., N.W., Washington, D.C. 20009. Price \$2.00.  
ARC Catalog No. 309.2 G536b.

A general survey and evaluation of the literature. Includes a discussion of the taxation of agriculture, the organization of agricultural planning, problems of implementation, decentralization of the planning process, and widespread participation. Provides bibliography of 423 relevant publications.

15. *Inventory of Information Basic to the Planning of Agricultural Development in Latin America, Regional Report: Inter-American Committee for Agricultural Development*. 1963, 202 p. Published by Pan American Union, Organization of American States, Washington, D.C. 20006. Price 50 cents.  
U.S. Department of State Library Catalog No. S471. L31, I5, Vol. 1

Summary of data relevant to agricultural development planning in Latin America. Chapter V discusses agricultural institutions, including: farmer's organizations, ministries of agriculture, research agencies, extension services, technical educational institutions, agricultural development agencies, industrial and commercial agencies, and private foundations.

16. Kulp, Earl M., *Rural Development Planning: Systems Analysis and Working Method*. 1970, 664 p. Praeger Publishers, 111 Fourth Avenue, New York, N.Y.

10003. Price \$18.50.

U.S. Department of State Library Catalog No. HD82, K76.

Applies systems analysis to rural development activities in emerging countries. Suggests ways to improve programming and work scheduling on agricultural and other rural projects. Includes case studies for illustrative purposes.

17. Schickele, Rainer, *Agrarian Revolution and Economic Progress: A Primer for Development*. 1968, 410 p. Praeger Publishers, 111 Fourth Avenue, New York, N.Y. 10003. Price \$15.00.

U.S. Department of State Library Catalog No. HD 1415.S32.

A former FAO official, professor of agricultural economics and planning, discusses development strategies: agricultural planning must seek to increase production *and* reduce poverty; industrial and agricultural development must go together (although the implementation measures may be very different); modernizing agriculture requires a revolution in education, land tenure and economic opportunities for small farmers, and participation of rural people in planning and implementing development projects.

18. Smith, Kenneth F. and E.E. Rizzo, *Management Systems: Agency for International Development Spring Review of the New Cereal Varieties, May 13-15, 1969*. 1969, 51 p. Office of Development Administration, AID/Washington.

ARC Catalog No. 633.1,A265h.

An evaluation (two studies) from the management systems standpoint of the experiences of many countries in introducing high yielding wheat, corn and rice in specific production programs. The essential elements of campaign management in national crop production programs are identified. The Smith paper outlines the program control methodology used, and the Rizzo study elaborates on the system framework and its implication for AID management.

19. Wharton, Clifton R. (Editor), *Subsistence Agriculture and Economic Development*. 1969, 481 p. Aldine Publishing Co., 529 South Wabash Avenue, Chicago, Illinois 60605. Price \$15.00.

U.S. Department of State Library Catalog No. HD1417 W4.

Contains the papers presented at a multi-disciplinary conference on the problems of developing subsistence agriculture held in 1965 at the East-West Center in Hawaii. Particularly relevant to the administration of agricultural development are the papers contained in Chapter 13 on the "Execution of Agricultural Development," with case studies of the Vicos project in Peru, the Comilla project in East Pakistan, the ACAR project in Brazil, and the Rockefeller corn and wheat project in Mexico.

## PART III. RURAL INSTITUTION BUILDING

20. *Building Institutions to Serve Agriculture: A Summary Report of the C.I.C.-A.I.D. Rural Development Research Project*. 1968, 236 p. Prepared by the Committee on Institutional Cooperation, Purdue University, Lafayette, Indiana 46207, for AID/Washington. Limited supply available for AID technicians from TA/AGF, AID/Washington.  
ARC Catalog No. 301, 406, P985.

This summary report of the C.I.C.-A.I.D. rural-development research project focuses on the administration of overseas rural development projects. Emphasizes the need for closer cooperation among A.I.D., the contracting universities and overseas development institutions in planning and carrying out rural development projects.

21. Moseman, Albert H. (Editor), *Agricultural Science for the Developing Nations*. Publication No. 76. 1964, 221 p. American Association for the Advancement of Science, 1515 Massachusetts Ave., N.W., Washington, D.C. 20005.  
U.S. Department of State Library Catalog No. S 523.M6.  
ARC Catalog No. 630, M898.

Report of a 1963 symposium on agricultural systems, research, education and institutional development in the developing countries. Particularly pertinent to this bibliography is a contribution by F.F. Hill of the Ford Foundation on "Developing Agricultural Institutions in Underdeveloped Countries." Hill identifies the following crucial needs: training institutions, research and experiment stations, supply lines (delivery systems), production incentives, and extension services.

22. Moseman, Albert H., *Building Agricultural Research Systems in the Developing Nations*. 1970, 137 p. The Agricultural Development Council, Inc., 630 Fifth Avenue, New York, N.Y. 10020.  
ARC Catalog No. 630.72. M898.  
U.S. Department of State Library Catalog No. S 493. M6.

Discusses in Chapter III the organization and management of agricultural research organizations in developing nations. Emphasizes the role which outside donors can play in developing needed research manpower. There is a reference and selected reading list of approximately 150 items.

23. Mosher, Arthur T., *Getting Agriculture Moving*. 1966, 191 p. Praeger Publishers, 111 Fourth Avenue, New York, N.Y. 10003. Price \$6.50.  
U.S. Department of State Library Catalog No. HD 1415. M5.  
ARC Catalog No. 338.1, M911.

A comprehensive, clearly written framework for analyzing agricultural development. Useful for non-technical readers who wish an exposition of the major factors that are essential and those that can accelerate development. Includes a chapter on national planning. In addition to the above basic text, the following supplementary and supporting publications are available:

- a. Mosher, A.T., (Editor), *Training Manual: For Group Study of Getting Agriculture Moving*. 1966, 128 p. Price \$1.50 plus 35 cents handling charge per order. This publication, and the ones below, should be ordered from The Agricultural Development Council, Inc., 630 Fifth Avenue, New York, N.Y. 10020. The manual is a supplement to the main text, giving objectives and questions for discussion, and listing visual aids, teaching techniques and readings for each chapter.
  - b. Borton, Raymond E. (Editor), *Case Studies: To Accompany Getting Agriculture Moving*. 1967, 302 p. Price \$2.25. Contains 35 case studies from Asia, Latin America, Africa, Europe, Middle East and the United States that supplement the basic text.
  - c. Borton, Raymond E. (Editor), *Selected Readings: To Accompany Getting Agriculture Moving*. 1966, 1125 p. Set of two volumes. Price \$5.00 per set. Contains 138 articles, papers, extracts and other publications by world agricultural leaders.
24. Warnken, Philip F., *Strategies for Technical Assistance*. Contract No. AID/csd-840. June 1968, 76 p. Prepared by the Department of Agricultural Economics, University of Missouri, Columbia, Missouri 65201, as part of a final report of CIC-AID Rural Development Research Project.  
ARC Catalog No. 309.223,W285.

Outlines the role of strategy in institution building, AID policy and project objectives, and evaluation of the function of technical assistance inputs—all applied to agricultural institutions.

#### PART IV. DELIVERY OF AGRICULTURAL SERVICES

25. Abbott, J.C. and H.C. Creupelandt, *Agricultural Marketing Boards: Their Establishment and Operation*. FAO Marketing Guide No. 5. 1969, 236 p. Marketing Branch, Economic Analysis Division, Food and Agriculture Organization of the United Nations, Rome, Italy. Order from UNIPUB Inc., P.O. Box 433, New York, N.Y. 10016. Price \$3.50.  
U.S. Department of State Library Catalog No. S402, A332 No. 5.  
ARC Catalog No. 334.6, F686.

Presents practical advice on the use and operation of marketing boards in developing countries. Some of these boards are advisory or promotional, others are regulatory. Price stabilization and monopoly trading boards (foreign or domestic) are other types evaluated.

26. Brown, Lester R., *Seeds of Change: The Green Revolution and Development in the 1970's*. 1970, 205 p. Published for the Overseas Development Council, Inc., by Praeger Publishers, 111 Fourth Avenue, New York, N.Y. 10003. Price \$6.95, paperback \$2.50.  
U.S. Department of State Library Catalog No. HD9000.5 B 73.  
ARC Catalog No. 633.08, B878.

Analyzes the impact of new seed varieties and food self-sufficiency on the developing countries. Emphasizes the need for better marketing systems and attention to unemployment problems. Contains a bibliography p. 197-200.

27. De Wilde, John C. and others, *Experiences With Agricultural Development in Tropical Africa: The Synthesis*. Volume I. 1967, 254 p. Published for the International Bank for Reconstruction and Development by the Johns Hopkins University Press, Baltimore, Maryland 21218. Price \$6.50.  
U.S. Department of State Library Catalog No. HD 2117. D4.

Summary of a World Bank study of African agriculture evaluating the factors making for successful agricultural development. Includes descriptions of the administration of extension, training, education, credit, marketing, and cooperatives. Volume II presents the case studies on which this evaluation is based.

28. *A Method of Assessing Progress of Agricultural Universities in India, Part I*. April 1970, 128 p. Indian Council of Agricultural Research, New Delhi, India.  
ARC Catalog No. IN 630.711, G277.

This is Part I of a two-part joint Indo-American Study Team survey of agricultural universities in India which were first established there in 1960 with United States assistance. It develops a framework for analysis of the effectiveness of the agricultural universities. The institution-building model developed by Milton J. Esman and Hans C. Blaise is emphasized. Part II deals

mainly with Punjab Agricultural University, its objectives, instruction, extension program, research, student welfare and communications.

29. Price, Harry Bayard (Editor), *Rural Reconstruction and Development: A Manual for Field Workers*. 1967, 426 p. Praeger Publishers, 111 Fourth Avenue, New York, N.Y. 10003. Out of print, but available in the AID Reference Center.  
ARC Catalog No. PH 301.35, Y45.

An operating guidebook for field workers in rural development based on the experience of Y.C. James Yen and others in the Philippine Rural Reconstruction Movement. Emphasizes organization, planning and the administrative aspects of rural development programs.

30. Stakman, E.C., Richard Bradfield, and Paul C. Mangelsdorf, *Campaigns Against Hunger*. 1967, 328 p. The Belknap Press of Harvard University Press, Cambridge, Mass. 02138. Price \$7.50.  
U.S. Department of State Library Catalog No. S 471. M6S7.  
ARC Catalog No. 636, S875.

A history of the Rockefeller Foundation's efforts to increase food production in the developing countries. Emphasizes the research and administrative aspects of the Mexican corn and wheat projects and the International Rice Research Institute.

## PART V. THE ADMINISTRATION OF AGRICULTURAL DEVELOPMENT IN SPECIFIC COUNTRIES

### AFGHANISTAN

31. *Agricultural Development in Afghanistan, With Special Emphasis on Wheat Problems, Prospects and Priorities*. July 1967, 106 p. Prepared by a United States Agricultural Review Team for the Royal Government of Afghanistan, Kabul, Afghanistan.  
ARC Catalog No. AF 633.11, U58.

Report of a one-month study conducted by a team composed of agricultural experts from the U.S. Department of Agriculture, University of Utah and AID. Emphasis is on wheat production but other agricultural problems are covered as well. Contains chapters on "Institutional and Organizational Development" and "Planning and Management for Agricultural Development." Presents 12 recommendations, including improvement of the management and administrative process, increased taxation, and organizing and training manpower. Contains a bibliography of 39 items.

### CHINA, REPUBLIC OF

32. Montgomery, John D., Rufus B. Hughes, Jr., and Raymond H. Davis, *Rural Improvement and Political Development: The JCRR Model*. June 15, 1964, 101 p. Bureau for Human Resources and Social Development (HRSD/AG), AID/Washington. 20523.  
ARC Catalog No. CH309.22. M787.

The report of a study of the Chinese-American Joint Commission on Rural Reconstruction (JCRR). Stresses that the JCRR improved the capacity of local institutions to articulate rural interest and created the conditions for greater governmental responsiveness to rural demands.

33. *Taiwan's Agricultural Development: Its Relevance for Developing Countries Today*. Foreign Agricultural Economic Report No. 39. April 1968. Prepared by the Agricultural and Rural Development Service, Office of the War on Hunger, AID/Washington, in cooperation with Foreign Development and Trade Division, Economic Research Service, U.S. Department of Agriculture. Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.  
ARC Catalog No. CH 630.951249, D419b.

The remarkable agricultural development of Taiwan is analyzed. Administrative organization and problems are described throughout the study. The relevance of this experience to other developing countries is included.

## ECUADOR

34. *Organization, Management and Financing of Agricultural Agencies: Government of Ecuador*. Contract No. AID 518-119. February 12, 1965, 112 p. Prepared by Clapp and Mayne, Inc., Management Consultants, 1606 Ponce de Leon, San Juan, Puerto Rico, for USAID/Quito, Ecuador.  
ARC Catalog No. EC 354.8660823, C589.

The final English report of a reorganization study of the semi-autonomous agricultural agencies in Ecuador. Recommends improvements which would lead to better planning, coordination and direction of agricultural programs. Urges consolidation of the functions performed by 19 different agencies working in this sector.

## IRAN

35. Gittinger, James Price, *Planning for Agricultural Development: The Iranian Experience*. 1965, 123 p. National Planning Association, 1606 New Hampshire Ave., N.W., Washington, D.C. 20009. Price \$2.00.  
U.S. Department of State Library Catalog No. HD 82.N31 No. 2.

Discusses Iranian experience in agricultural planning, mobilizing knowledge, and adapting planning techniques to conform more closely to the capability of the agency to develop accurate data. Describes the troublesome administrative problems which impede planning and the development process.

## ISRAEL

36. Weitz, Raanan (Editor), *Rural Planning in Developing Countries: Report on the Second Rehovoth Conference, Israel, August 1963*. 1966, 443 p. Press of Western Reserve University, 10900 Euclid Avenue, Cleveland, Ohio 44106. Out of print. Xerographic reproduction available from University Microfilms, Ann Arbor, Michigan 48104. Price \$18.50.  
U.S. Department of State Library Catalog No. HD1415.R4, 1963.

The report of a 1963 international conference in Israel on comprehensive agricultural planning and rural development. Includes discussions of the role of government in rural development, institutional planning, macro-planning, micro-planning and comprehensive regional planning. Stresses coordination problems between agricultural research, and extension and education.

## JAPAN

37. Ogura, Takekazu (Editor), *Agricultural Development in Modern Japan*. 1963, 688 p. Japan FAO Association, 1-25 Nishigahara, Kita-Ku, Tokyo, Japan.  
U.S. Department of State Library Catalog No. HD2092. 028.

A history of reform and development in Japanese agriculture. Includes land-tenure changes, the role of local government in water utilization, land improvement, agricultural organization, and agricultural finance and insurance.

## MIDDLE EAST

38. Taylor, Donald C., *Research on Agricultural Development in Selected Middle Eastern Countries*. 1968, 166 p. Agricultural Development Council, Inc., 630 Fifth Avenue, New York, N.Y. 10020.  
ARC Catalog No. NEA 630.72 T 239.

An inventory of research on Iran, Iraq, Jordan, Lebanon, Saudi Arabia, Syria, Turkey, and the Middle East Region. Evaluates the public administration aspects of agricultural development (pages 26-27) and gives them high priority for further research. Includes excellent bibliography of social science literature on agricultural development in the Middle East.

## TURKEY

39. *A Reorganization of Turkish Agriculture*. 1965. 226 p. Translation of report prepared by Project Management Board, Organization Project Group, Ministry of Agriculture, Ankara, Turkey, for the Public Administration Office, USAID/Ankara, Turkey.  
U.S. Department of State Library Catalog No. HD 2108. A33.  
ARC Catalog No. TU 630.94961, T939a.

The report of a reorganization study to increase the potential of the Turkish Government agencies generally concerned with the agricultural sector. Discusses the principal problems of Turkish agriculture and the need to improve the organization of public and private services to agriculture.

## UNITED ARAB REPUBLIC

40. *The Workshop on Organization and Administration of Agricultural Services in the Arab States: Report of a United Nations Workshop Held at Cairo, United Arab Republic, 2 to 15 March 1964*. ST/TAO/M/24. 1964, 103 p. Department of Economic and Social Affairs, Division for Public Administration, United Nations Technical Assistance Program, United Nations, New York, N.Y. Sales No. 64.II, H. 3. Price \$1.50.  
ARC Catalog No. NEA 350.823, U58.

Report discusses the organization of ministries of agriculture, personnel, training, finance, field services and local relations, coordination, administration of agrarian reform, evaluation of agricultural services, the role of the public sector in providing services to agriculture, and the use of international technical assistance in this field. Selected papers are included on problems of organization and administration of agricultural services, the actual organization of agricultural services in several of the Arab states, functions of a ministry of agriculture, and the planning and implementing agricultural development.

## VIETNAM

41. Brewer, Joseph D., Allen H. Reimer and Charles M. Schwartz, *A Program to Attain Maximum Agricultural Production in An Giang Province, Viet-Nam*. PASA FE-11-67. March 31, 1969, 29 p. Prepared by the Engineer Agency for

Resources Inventories, Department of the Army, 6500 Brooks Lane, Washington, D.C. 20315, for USAID/Saigon, Vietnam.  
ARC Catalog No. VS 338.1, B847.

While this detailed study was developed for An Giang province, it is readily applicable to Mekong Delta-wide development needs and elsewhere in Vietnam. The survey indicates that maximum agricultural production can be obtained by polder-type construction of water control structures over a 10 to 30-year period. It recommends the implementation of a pilot project prior to a large-scale program. It also suggests the strengthening and continuing of present active development projects. Provides excellent colored maps and charts.

42. Clyburn, Lloyd, *Provincial Agricultural Development*. April, 1966, 11 p.  
Prepared by the Agricultural Advisor, Region I, USAID/Vietnam.  
ARC Catalog No. VS 301.35, C649.

Describes the need for each political entity in the province to include planning, programming and supporting agricultural resources as a major activity within its respective area. Agricultural administration at the district and province level reinforces the efforts of the Ministry of Agriculture and vice versa. Includes examples from I Corps area of accomplishments at various political levels with recommendations on how to organize the program on a systematic basis. Outlines plans on how to administer specific projects.

43. Cuong, Nguyen Quoc, Nguyen Hy Hung, Dr. Frederick T. Moore and Thomas A. Mead, *Fertilizer Distribution in Vietnam*. Working Paper No. 26. AID/fe 291. March 1968, 54 p. Prepared by the Joint Development Group under the Development and Resources Corporation, 1632 K Street, N.W., Washington, D.C. 20006 (David E. Lilienthal, president) on contract with U.S. AID/Saigon, Vietnam.  
ARC Catalog No. VS 658.80966862.

Demonstrates agricultural planning on a nationwide scale by describing a new national fertilizer distribution system for Vietnam. Outlines the development of a multiple system in which government agencies, commercial firms, and institutions such as farmers associations and cooperatives can all participate on a freely competitive basis.

44. Smith, Kenneth F., *A Management System for Agricultural Development*. 1968, 28 p. Bureau for Vietnam, Office of Programming and Economic Policy. Copies available from Vietnam Reference Center, Public Affairs Staff, Bureau for Vietnam, AID/Washington 20523.  
ARC Catalog No. VS 630.9597, S653.

This study was specifically prepared to apply management philosophy to the accelerated rice production program in Vietnam when the new variety IR-8/5 was being introduced on a large scale. Describes a system to manage increased crop yields using network, critical path, and line of balance methods. The system covers planning, implementation and evaluation phases at local, intermediate and national levels.