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378.77427
D34
573
86-42

- Adams, Walter R., "The MSU Farming Systems Research Group Perspective: A Summary and Analysis," Michigan State University Farming Systems Research Group Working Paper No. 11, Michigan State University, East Lansing, MI, 1982. (S)
- Adelman, Alan, "Colombian Friendship Groups: Constraints on a Rural Development Acquisition System," Journal of Developing Areas 15 (April) 1981: 457-470. (S)
- Akino, M. and Yujiro Hayami, "Efficiency and Equity in Public Research: Rice Breeding in Japan's Economic Development," American Journal of Agricultural Economics 57 (February) 1975: 1-10. (S)
- Albrecht, H.A., "Report of a Study of Research Priorities, Research and Disease Control Section, Crop Development Division," Working Paper for Agricultural Research and Organization Conference, Arusha, Tanzania, 21-28, February 1979. (S)
- Ames, Glenn and Lawrence Busch, "Agricultural and Institutional Development in the Sahelian Countries of West Africa: A Real Challenge in Technical Cooperation," Agricultural Administration 6 (3) 1979: 199-209. (S)
- Ampuero, Enrique, "Cooperation Between National Research Organizations and International Centers: Opportunities and Limitations," Cornell International Agriculture Mimeograph 87, Cornell University, Ithaca, NY, May 1981. (S)
- _____, "Organization and Administration of Experiment Stations in Developing Countries," Cornell International Agriculture Mimeograph 86, Cornell University, Ithaca, NY, May 1981. (S)
- _____, "Organization of Agricultural Research for the Benefit of Small Farmers in Latin America," Cornell International Agriculture Mimeograph 85, Cornell University, Ithaca, NY, May 1981. (S)
- Anderson, Kym, "Politicoeconomic Factors Affecting Public Agricultural Research Investment in Developing Countries," in M. Bellamy and B. Greenshields (eds.), Rural Challenge, 17th International Conference of Agricultural Economists, IAAE, Gower, London, 1981. (S)
- Anthony, K.R.M., et al., Agricultural Change in Tropical Africa, Cornell University Press, Ithaca, NY, 1979. (S)
- Arndt, Thomas, Dana Dalrymple, and Vernon Ruttan (eds.), Resource Allocation and Productivity in National and International Agricultural Research, University of Minnesota, Minneapolis, MN, 1977. (S)
- Arndt, Thomas and Vernon Ruttan, "Resource Allocation and Productivity in National and International Agricultural Research," Research and Training Network - A Seminar Report, Agricultural Development Council, Inc., New York, NY, 1975. (S)
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- Arnold, M.H. (ed.), Agricultural Research for Development, Cambridge University Press, Cambridge, MA, 1976. (L)
- Arnon, Issac, Organization and Administration of Agricultural Research, Elsevier, Amsterdam, 1968. (L)
- _____, The Planning and Programming of Agricultural Research, FAO, Rome, 1978. (L)
- Arope, Haji Ani bin, "R&D Management in the Rubber Research Institute of Malaysia," Agricultural Research Management, Vol. II, Southeast Asian Regional Center for Graduate Study and Research in Agriculture, Laguna, Philippines, 1977. (S)
- Asian Productivity Organization, Agricultural Research Management in Asia, APO, Tokyo, 1983. (RR)
- Association of Faculties of Agriculture in Africa, Symposium on: The Role of African Faculties of Agriculture in Extension and Rural Development, Alexandria University, Faculty of Agriculture, Egypt, 1980. (S)
- Association of State Universities and Land Grant Colleges and USDA, A National Program of Research for Agriculture, October 1966. (L)
- Axinn, G. and N. Uphoff, "Propositions on Agricultural Research, Extension, and Development," Michigan State University, East Lansing, MI, 1981. (S)
- Ayer, Harry and G. Edward Schuh, "Social Rates of Return and Other Aspects of Agricultural Research: The Case of Cotton Research in Sao Paulo, Brazil," American Journal of Agricultural Economics 59 (November) 1972: 557-569. (S)
- Baharsjah, Sjarifuddin, "Development Strategy for Agricultural Research Manpower in Indonesia," in Douglas Daniels and Barry Nestel (eds.), Resource Allocation to Agricultural Research, Proceedings of a Workshop held in Singapore, 8-10 June, 1981, International Development Research Centre, Ottawa, Canada, 1981. (S)
- Barker, Randolph, "Establishing Priorities for Allocating Funds to Rice Research," in G. Johnson and A. Maunder, Rural Change, 17th International Conference of Agricultural Economists, Banff, Canada, 3-12 September, 1979, Gower, London, 1981. (S)
- Belshaw, D.G.R. and M. Hall, "Analysis and Use of Experimental Data in Tropical Africa," Eastern Africa Journal of Rural Development 5 (1972): 39-72. (S)
- Bengtsson, Bo, Strengthening National Agricultural Research - Report from A SAREC Workshop, Part II Summary and Conclusions, Swedish Agency for Research Cooperation with Developing Countries, Stockholm, 1980. (S)
- Bengtsson, Bo and Getachew Tedla (eds.), Strengthening National Agricultural Research, Report from a SAREC Workshop, Part I Background Documents, Swedish Agency for Research Cooperation with Developing Countries, Stockholm, 1980. (S)
- Benor, Daniel and James Harrison, Agricultural Extension: The Training and Visit System, World Bank, Washington, D.C., 1977. (L)

- Bernardo, Fernando, "Evaluation of Performance of Research Institutions," Agricultural Research Management, Asia, Volume 1, SEARCA, Laguna, Philippines, 1976. (S)
- Bhattacharya, Mohit, "Administrative and Organizational Issues in Rural Development," Indian Journal of Public Administration 24 (4), 1978. (L)
- Biggs, Stephen, "On-Farm Research in an Integrated Agricultural Technology Development System: Case Study of Triticale for the Himalayan Hills," Agricultural Administration 7 (1980): 133-145. (S)
- Binswanger, Hans and James Ryan, "Efficiency and Equity Issues in Ex Ante Allocation of Research Resources," Indian Journal of Agricultural Economics 32 (3) 1977: 217-231. (S)
- Blumenscherd, Almiro, Principio du Pesquisa nu Sistema Embrapa, Vincilade to Ministerio da Agricultura, Brazil, 1978. (L)
- Bonnen, James T., "Agriculture's System of Developmental Institutions: Reflections on the U.S. Experience," prepared for the 1981 Symposium on Rural Economics: Quebec Agriculture and Food Economy and Its Development Potential in the 1980s, University of Laval, Quebec, Canada, October 19-22, 1981. (S)
- _____, "Technology, Human Capital, and Institutions: Three Factors in Search of an Agricultural Research Strategy," Michigan State University Ag. Econ. Staff Paper No. 82-117, 1982. (S)
- _____, "Historical Sources of U.S. Agricultural Productivity: Implications for R&D Policy and Social Science Research," American Journal of Agricultural Economics, Vol. 65, No. 5, 1983. (S)
- Boyce, James, Agricultural Research in Indonesia; The Philippines, Bangladesh, South Korea and India: A Documentary History, University of Minnesota Asian Agricultural Research Review Project, Minneapolis, MN, 1980. (S)
- Boyce, James and Robert Evenson, Agricultural Research and Extension Programs, Agricultural Development Council, Inc., New York, NY, 1975. (L)
- Bredahl, Maury E., W.K. Bryant, and V.W. Ruttan, "Behavior and Productivity Implications of Institutional and Project Funding of Research," American Journal of Agricultural Economics 62 (August) 1980: 371-383. (S)
- Brown, Marion, "Agricultural Extension in Chile: A Study of Institutional Transplantation," Journal of Developing Areas 9 (January) 1970: 197-210. (S)
- Bryant, Coralie and Louise White, Managing Development in the Third World, Westview Press, Boulder, CO, 1982. (S)
- Busch, Lawrence, "Disciplinary Worlds of Agricultural Scientists: Scientific and Societal Implications," draft of paper presented at the 1981 Rural Sociology Meeting, University of Guelph, Guelph, Ontario, Canada, 19-23 August, 1981. (S)
- Busch, Lawrence and Nancy Welt, "Agricultural Research Organization and Policy: A Bibliography," Department of Sociology, University of Kentucky, April 1982. (S)

- Byerlee, Derek, *et al.*, "On-Farm Research to Develop Technologies Appropriate to Farmers," in M. Bellamy and B. Greenshields, Rural Challenge, 17th International Conference of Agricultural Economists, IAAE Occasional Paper No. 2, Gower, London, 1981. (S)
- Caider, Wildansky, Planning and Budgeting in Poor Countries, "The Disappearing Budget," Chapter 3; "Budgeting from Below," Chapter 5, World Bank Publication, Washington, D.C., 1981. (S)
- Cardwell, Vernon, James Moomaw, and Vernon Ruttan, "Agricultural Research in Indonesia," Bulletin 81-1, Economic Development Center, University of Minnesota, Minneapolis, MN, March 1981. (S)
- Casement, Susan, *et al.*, "Farming Systems Research Bibliography of Kansas State University's Vertical File Materials," Farming Systems Research Paper Series No. 1, Kansas State University, Manhattan, KN, January 1982. (RR)
- CERES, "National Agricultural Research Systems: The Management Factor," CERES, No. 105 (Vol. 18, No. 3), May-June 1985, pp. 15-32. (S)
- Cernea, Michael and Benjamin Tepping, "A System for Monitoring and Evaluating Agricultural Extension Projects," World Bank Staff Working Paper No. 272, World Bank, Washington, D.C., December 1977. (S)
- Chambers, Robert, Managing Rural Development: Ideas and Experience from East Africa, Scandanavian Institute of African Studies, Uppsala, Sweden, 1974. (L)
- _____, Two Frontiers in Rural Management: Agricultural Extension and Managing the Exploitation of Communal Natural Resources, Institute of Development Studies, Brighton, 1975. (L)
- _____, "The Small Farmer Is A Professional," CERES, March-April 1980, pp. 19-23. (S)
- _____, "Understanding Professionals: Small Farmers and Scientists," International Agricultural Development Service Occasional Paper, IADS, New York, NY, 1980. (S)
- Chapman, James, Martin Pineiro, and Eduardo Trigo, "Technological Change and Small Farms: A Revised Analytical Framework," Proyecto Cooperativo de Investigacion sobre Tecnologia Agropecuaria en America Latina (PROTAAL), Document Protaal No. 80, Interamerican Institute for Cooperation on Agriculture, 1981. (S)
- Cochrane, Willard, "Agricultural Policy and National Development," Chapter 1 in D. Woods Thomas (ed.), Institution Building: A Model for Applied Social Change, Cambridge, MA, Schenkman, 1972, pp. 11-23. (S)
- _____, Agricultural Planning, Economic Concepts, Administrative Procedures, and Political Processes, Praeger, New York, NY, 1974. (L)
- Committee on African Agricultural Research Capabilities, African Agricultural Research Capabilities, National Academy of Sciences, Washington, D.C., 1974.
- _____, African Agricultural Research Capabilities, Chapter 12, "Communications," National Academy of Sciences, Washington, D.C., 1974, pp. 159-165. (L)

- Committee on Institutional Cooperation, Building Institutions to Serve Agriculture: A Summary Report on the CIC-AID Rural Development Research Project, CIC, Purdue University, Lafayette, IN, 1968, 236 pp. (L)
- Consultative Group on International Agricultural Research, "Report of the Task Force on International Assistance for Strengthening National Agricultural Research," CGIAR, Washington, D.C., August 1978. (S)
- _____, "Science and Food, The CGIAR and Its Partners," Draft Report on the Impact Study, CGIAR, Washington, D.C., June 1985. (S)
- _____, "Farming Systems Research," Science and Food, The CGIAR and Its Partners, Washington, D.C., June 1985. (S)
- _____, "Agricultural Research: National and International Collaboration Summary Findings from a Study of the Consultative Group on International Agricultural Research, Washington, D.C., 1985. (S)
- Cooke, G.W., Agricultural Research, 1931-1981, Agricultural Research Council, London, 1981. (L)
- Cooper, Charles, "Science Policy and Technological Change in Underdeveloped Economies," World Development 2 (March) 1974: 55-64. (S)
- Cooper, St. George C., Agricultural Research in Tropical Africa, East African Literature Bureau, Nairobi, 1970. (L)
- Corpuz, E.G., "Agricultural Research Program Planning," in Southeast Asian Regional Center for Graduate Study and Research in Agriculture, Agricultural Research Management, Asia, Volume II, SEARCA, Laguna, Philippines, 1976.
- Coulter, J.K., "International Technology - The International Agricultural Research Centers," prepared for the conference "Cambio Tecnico en el Agro Latinoamericano: Situacion v Perspectivas en la Decada de 1980," Coronado, Costa Rica, 1-3 September, 1981. (S)
- Crooks, Donald and Kirkpatrick Lawton, "Agricultural Research in West Pakistan," Report to the Agriculture Department, Government of West Pakistan, Lahore, 1968. (S)
- Crouch, B.R. and S. Chamala (eds.), Extension Education and Rural Development (2 volumes), Wiley-Interscience, New York, NY, 1981. (L)
- Cummings, Ralph Jr., "Minimum Information Systems for Agricultural Development in Low Income Countries," Agricultural Development Council, Inc., No. 14, September 1977. (S)
- _____, "Strengthening Linkages Between Agricultural Research and Farmers: An Overview," prepared for the Workshop on Linkages between Agricultural Research and Farmers in Developing Countries, Organization for Economic Cooperation and Development, Paris, 1981. (S)
- Dalrymple, Dana, "The Adoption of High-Yielding Grain Varieties in Developing Nations," Agricultural History 53 (4) 1979: 704-726. (S)

- Daniels, Douglas and Barry Nestel (eds.), Resource Allocation to Agricultural Research, Proceedings of a Workshop held in Singapore, 8-10 June, 1981, International Development Research Centre, Ottawa, 1981. (S)
- Development Alternatives, Inc., AID Experience in Agricultural Research: A Review of Project Evaluations, AID Program Evaluation Discussion Paper No. 13, AID, Washington, D.C., 1981. (S)
- DeVries, J., "On the Effectiveness of Agricultural Extension: A Case Study of Maize Growing Practices in Iringa, Tanzania," Eastern Africa Journal of Rural Development 9 (1-2), 1976. (L)
- Drilon, J.D., Jr., "Dynamics of Management," Agricultural Research Management, Asia, Volume I, SEARCA, Laguna, Philippines, 1976. (S)
- _____, Agricultural Research Systems in Asia, Southeast Asian Regional Center for Graduate Study and Research in Agriculture, Laguna, Philippines, 1977. (S)
- _____, High-Level Agricultural Manpower in Indonesia and the Philippines, SEARCA Bulletin No. 3, Southeast Asian Regional Center for Graduate Study and Research in Agriculture, Laguna, Philippines, 1977. (S)
- Eicher, Carl, "Reflections on the Design and Implementation of the Senegal Agricultural Research Project," Mimeo, Michigan State University, East Lansing, MI, October 14, 1982. (S)
- _____, "Agricultural Research for African Development: Problems and Priorities for 1985-2000," Paper presented for World Bank Conference on Research Priorities for Sub-Saharan Africa, February 25-March 1, 1985, Bellagio, Italy. (S)
- Ellingson, Dennis and Willis Peterson, "Allocation of Research Personnel: Administrators' Response to Expected Rates of Return," Staff Paper P81-29, Department of Agricultural and Applied Economics, University of Minnesota, St. Paul, MN, November 1981. (S)
- Elz, Dieter, World Bank, and ISNAR, The Planning and Management of Agricultural Research, a World Bank and ISNAR symposium, World Bank, Washington, D.C., 1984. (S)
- Enarson, Harold, "Agricultural Research in the Development of Nations," National Forum, Vol. 61, Winter 1981, pp. 3-6. (S)
- Englander, Alfred, "Technology Transfer and Development in Agricultural Research Programs," Ph.D. dissertation, Yale University, 1981. (S)
- Esman, Milton, "Development Assistance in Public Administration: Requiem or Renewal," Public Administration Review 40 (5), 1980. (L)
- Evenson, Robert, "Organization of Research to Improve Crops and Animals in Low-Income Countries," in T.W. Schultz (ed.), Distortions in Agricultural Incentives, Indiana University Press, Bloomington, IN, 1978. (S)

- Evenson, Robert and Hans Binswanger, "Technology Transfer and Research Resource Allocation," in Hans Binswanger and Vernon Ruttan (eds.), Induced Innovation: Technology, Institutions, and Development, Johns Hopkins University Press, Baltimore, MD, 1979. (S)
- Evenson, Robert and Dayanatha Jha, "Contribution of Agricultural Research System to Agricultural Production in India," Indian Journal of Agricultural Economics (1974): 212-230. (S)
- Evenson, Robert and Yoav Kislev, Agricultural Research and Productivity, Yale University Press, New Haven, CT, 1975. (L)
- _____, "Investment in Agricultural Research and Extension: An International Survey," Economic Development and Cultural Change 23 (3) (April) 1975: 507-521.
- Evenson, Robert, Paul Waggoner, and Paul Bloom, "The Agricultural Research System of the Philippines: A Reconnaissance Report," Bulletin No. 81-3, Economic Development Center, University of Minnesota, Minneapolis, MN, 1981. (S)
- Evenson, Robert, Paul Waggoner, and Vernon Ruttan, "Economic Benefits from Research: An Example from Agriculture," Science 205 (14 September) 1979: 1101-1107. (S)
- Everson, Everett, et al., "An Evaluation of the CARDI/USAID Small-Farm Multiple Cropping Systems Research Project No. 538-0015," Draft 2, August 11, 1982. (S)
- Feder, Gershon, Richard Just, and David Silberman, "Adoption of Agricultural Innovations in Developing Countries: A Survey," World Bank Staff Working Paper No. 44, World Bank, Washington, D.C., 1981. (S)
- Feller, Irwin, et al., "The Structure of Agricultural Research in the United States: An Overview," Institute for Policy Research and Evaluation, Pennsylvania State University, University Park, PA, 1983. (S)
- Ferguson, L.C., et al., Agricultural Research in Uganda: A Survey Evaluation and Recommendations, Ohio State University, Columbus, OH, 1971. (L)
- Fernandez, Fernando, "Mechanisms of Interinstitutional Transfer of Technology and Information Exchange in Latin America," in American Society of Agronomy, Transferring Technology for Small-Scale Farming, Madison, WI, 1981. (S)
- Fienup, D., Course materials for ANR 480: Organization and Management of Agricultural Research Systems in Developing Countries (bound), 1982. (S)
- _____, Course materials for ANR 480: Organization and Management of Agricultural Research Systems in Developing Countries (bound), 1985. (S)
- Fishel, Walter (ed.), Resource Allocation in Agricultural Research, University of Minnesota Press, Minneapolis, MN, 1971. (L)
- Fleisher, Beverly and George Axinn, "An MSU Approach to Farming Systems Research," MSU Farming Systems Research Group Working Paper No. 10, Michigan State University, East Lansing, MI, 1981. (S)

- Flores-Moya, Piedad, Robert Evenson, and Yujiro Hayami, "Social Returns to Rice Research in the Philippines: Domestic Benefits and Foreign Spillover," Economic Development and Cultural Change 26 (3) (April) 1978: 591-607. (S)
- Food and Agriculture Organization, China: The Agricultural Training System, Economic and Social Development Paper No. 11, Rome, 1980. (S)
- Foote, R.J. and D. Rosjo, "A Survey of Five Agricultural Research Institutes in Tanzania, with Emphasis on Ways to Improve Management of the Research System," Rural Economy Research Paper No. 7, Department of Rural Economy, University of Dar es Salaam and Institute of Development Management, May 1978. (S)
- Freeman, W.H., "Integration of Commodity and Cropping Systems Approaches to Production Programs," presented at Winter CROPS Program and Planning Meeting, Bhairawa, 4-5 September, 1980. (S)
- Fumagalli, Astolfo and Robert Waugh, "Agricultural Research in Guatemala," prepared for the Bellagio Conference, Bellagio, Italy, October 1977. (S)
- Furtick, William R., "The Role of U.S. Food and Agricultural Research in International Development," Office of Technology Assessment, Washington, D.C., February 1981. (S)
- Gamble, William K., "Presentation: ISNAR-CGIAR Meeting," International Service for National Agricultural Research, November 10, 1981. (S)
- _____, "National Agricultural Research Systems and the International Service for National Agricultural Research (ISNAR)," prepared for the Seventh Ministerial Session of the World Food Council, Novi Sad, Yugoslavia, May 1981. (S)
- Garren, Nathan Morris, "Efficient Allocation of Agricultural Research Investment with Externality Conditions," Ph.D. dissertation, University of Georgia, 1981. (S)
- Gautam, O.P., Management of Agricultural Research: Indian Experience, Occasional Paper No. 4, Research Management Center, University of the Philippines, Los Banos, Philippines, 1981. (S)
- Gill, G.J., "Agricultural Research in Bangladesh: Costs and Returns," Bangladesh Agricultural Research Council, 1983. (S)
- Golembiewski, Robert and W. Eddy (eds.), Organizational Development in Public Administration (2 volumes), Marcel Dekker, New York, NY, 1978. (L)
- Gostyla, Lynn and William Whyte, ICTA in Guatemala: The Evolution of a New Model for Agricultural Research and Development, Rural Development Committee, Cornell University, Ithaca, NY, 1980. (S)
- Guttman, Joel, "Interest Groups and the Demand for Agricultural Research," Journal of Political Economy 86 (31) 1978: 467-484. (S)
- Habib, Mohammed A., "Optimal Research, Induced Innovation, and Agricultural Development: An Application to Bangladesh," Ph.D. dissertation, McMaster University, Canada. (S)

- Halim, Abdul, "The Economic Contribution of Schooling and Extension to Rice Production in Laguna, Philippines," Journal of Agricultural Economics and Development 7 (January) 1977. (L)
- Hathaway, Dale, "Public Sector Research and Education and the Agribusiness Complex: Unholy Alliance or Socially Beneficial Partnership," Discussion among Harold Breimyer, George Mehren, and Alex McCalla, American Journal of Agricultural Economics 55 (December) 1973: 993-1002. (S)
- Havener, Robert D. (CIMMYT), "Is the Green Revolution Still Green?," IAFP Working Paper Series Publication No. 8, 1985, a Grant F. Walton International Lecture. (S)
- Hayami, Yujiro, "Conditions for the Diffusion of Agricultural Technology: An Asian Perspective," Journal of Economic History 34 (March) 1974: 131-148. (S)
- Hayes, W. Warren, "Strategic Planning of Management Education Institutions," Chapter 16 in D. Woods Thomas (ed.), Institution Building: A Model for Applied Social Change, Cambridge, MA, Schenkman, 1972, pp. 247-259. (S)
- Hesser, Leon, "Setting Research Priorities: Malawi as a Case Study," Malawi Department of Agricultural Research Annual Report, 1983. (S)
- Heyer, Judith, et al., Rural Development in Kenya, East African Publishing House, Nairobi, 1971. (L)
- Hildreth, R.J., "The Agricultural Research Establishment in Transition," Food Policy and Farm Programs, Proceedings of the Academy of Political Science 39 (3), New York, NY, 1982. (S)
- Hornik, Robert, "Communication and Agriculture," Mimeo, Institute for Communication Research, Stanford University, Palo Alto, CA, July 1982. (S)
- Howell, John, "Managing Agricultural Extension: The T and V System in Practice," Agricultural Administration 11 (1982): 273-284. (S)
- Hunter, Guy, "Agricultural Administration and Institutions," Food Research Institute Studies 12 (3), 1973. (L)
- Idachaba, Francis Sulemanu, Agricultural Research Policy in Nigeria, International Food Policy Research Institute, Research Report 17, August 1980. (S,L)
- Ingle, Marcus D., et al., Microcomputers in Development: A Manager's Guide, Kumarian Press, W. Hartford, CT, 1983. (S)
- Ingle, Marcus D. and James B. Henson, "The Universities and International Development: A Management Perspective on Project Design Implementation," Washington State University, Pullman, WA, 1984. (S)
- Institute of Agricultural Research, Proceedings of the Sixth Annual Research Seminar, 12-14 November, 1975, Addis Ababa, October 1976. (L)
- International Agricultural Development Service, Preparing Professional Staff for National Agricultural Research Programs, Report of a Workshop, Bellagio, Italy, February 16-21, 1979, IADS, New York, NY, 1979. (S)

- International Service for National Agricultural Research, The Agency for Agricultural Research and Development of Indonesia, 1981. (RR: S/542/f.I5/A34/1981)
- _____, Agricultural and Livestock Research: Upper Volta, 1983. (RR: S/542/f.U65/A34/1983)
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- _____, Agrotechnological Research in Ivory Coast, 1984. (RR: S/542/f.I8713/A46/1984)
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- _____, Fiji: A Review of the Agricultural Research Division, 1982. (RR: S/542/f.F5/F5/1982)
- _____, First Congress of the African Chapter of the International Federation of Agricultural Research Systems for Development (IRARD), 1984. (RR: File--África)
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(RR: File--Potatoes)
- _____, Report of an ISNAR/IITA Mission to the Institut de Recherche Agronomique et Zootechnique of the Communaute Economique des pays des Grands Lacs (Burundi, Rwanda, Zaire), 1981.
- _____, Report to the Pakistan Agricultural Research Council on Selected Aspects of Pakistan Agricultural Research System, 1983. (RR: S/542/f.P3/05/1983)
- _____, A Review of the Agricultural Research System of Guyana, 1982.
(RR: S/542/f.G84/R4/1982)

- _____, A Review of the Agricultural Research Systems of Malawi, 1982.
(RR: S/542/f.M3/R4/1982)
- _____, Review of the Program and Organization for Crops Research in Papua, New Guinea, 1982. (RR: S/542/f.P3/R4/1982) and (S)
- _____, The Role of International Associations in Strengthening National Agricultural Research, 1982. (RR: File--Research)
- _____, Selected Issues in Agricultural Research in Latin America, 1984.
(RR: S/542/f.L3/S4/1984)
- _____, Serving National Agricultural Research Systems: Lessons from Country Experiences, 1980-84, 1985. (RR: File--Research)
- _____, El Sistema de Investigacion Agropecuaria en la Republica Dominicana, Analisis, Evaluacion y Propuestas para su Fortalecimiento, 1983. (RR: S/542/f.D65/S5/1983)
- _____, Solomon Islands, Agricultural Research, Extension, and Support Facilities Project, 1982. (RR: S/542/f.S57/S64/1982)
- _____, Some Critical Requirements for Productive Agricultural Research, 1982.
(RR: File--Research)
- _____, South Pacific Agricultural Research Study, 1981. (RR: S/542/f.033/S68/1981)
and (S)
- _____, Strategies to Meet Demands for Rural Social Scientists in Africa, 1982.
(RR: H/53/.A34/S77/1982)
- _____, Strengthening Agricultural Research for National Development in the South Pacific, 1983. (RR: File--Asia)
- _____, Strengthening National Agricultural Research Systems in Africa, 1981.
(RR: File--Africa)
- _____, Strengthening National Agricultural Research Systems in Asia, 1981.
(RR: File--Asia)
- _____, El Sistema de Investigacion Agropecuaria y Transferencia de Tecnologia en Costa Rica, 1981. (RR: S/542/f.C7/S57/1981)
- _____, Le Systeme National de Recherche Agricole du Rwanda, 1982.
(RR: S/542/f.R87/N3/1982)
- _____, Training Needs in National Agricultural Research Planning and Management, 1984. (RR: File--Research)
- _____, A Training Plan for the Department of Research and Specialist Services, Zimbabwe, 1985 to 1988, 1985. (RR: File--Africa)
- _____, Using Evaluations for Planning and Management: An Introduction, 1985.
(RR: File--Research)

- _____, Women and Agricultural Technology: Relevance for Research. V.1--Analyses and Conclusions; V.2--Experiences in International and National Research, 1985. (RR: HD/6073/f.A29/W6/1985/v.1 & 2) and (S)
- Iwueke, Christopher and E.W. Findlay, "Factors Related to the Effective Administration of Extension in Agriculture and Rural Development in Nigeria," Agricultural Administration 7 (1980): 59-69. (S)
- Jain, H.K., "Reorganization and Intensification of Agricultural Research in India," Agricultural Research Management, Asia, Volume I, SEARCA, Laguna, Philippines, 1976. (S)
- Jamieson, Barbara, "Resource Allocation to Agricultural Research in Kenya from 1963 to 1978," Ph.D. dissertation, University of Toronto, 1981. (S)
- de Janvry, Alain, "Inducement of Technological and Institutional Innovations," in T. Arndt, D. Dalrymple, and V. Ruttan (eds.), Resource Allocation and Productivity in National and International Agricultural Research, University of Minnesota Press, Minneapolis, MN, 1971. (L)
- de Janvry, Alain and E.P. Leveen, "Aspects of the Political Economy of Technical Change in Developed Economies," Proyecto Cooperativo de Investigacion sobre Tecnologia Agropecuaria en America Latina (PROTAAL), prepared for the seminar "Cambio Tecnico en el Agro Latinoamericano: Situacion y perspectivas en la Decada de 1980," Coronado, Costa Rica, September 1-3, 1981. (S)
- Jha, Dayanatha, "Agricultural Research and Technology: A Comparative Study in Six African Countries," Mimeo, IFPRI, 1984. (S)
- Jiggins, Janice, et al., Extension, Planning and the Poor, Overseas Development Institute, Agricultural Administration Unit Occasional Paper 2, London, 1977. (S)
- Jimenez, L. and R.S. Laird, "Mexico: The Puebla Project," in Rockefeller Foundation, Strategies for Agricultural Education in Developing Countries, New York, NY, 1974.
- Johnson, Glenn, "Outline of the Roles of Agricultural Research in National Agricultural Development," ANR 480 Course Material, 1981. (S)
- _____, "Agro-Ethics: Extension, Research, and Teaching," Michigan Agricultural Experiment Paper No. 10412, Michigan State University, East Lansing, MI, 1982. (S)
- Johnson, G. and S. Wittwer, "Perspective on the Role of Technology in Determining Future Supplies of Food, Fiber, and Forest Products in the U.S.," Michigan State University, East Lansing, MI, 1983. (S)
- Kalirajan, K. and R.T. Shand, "Location Specific Research: Rice Technology in India," Land Economics 48 (4) (November) 1982: 537-546. (S)
- Kingshotte, Alan, "Organization and Management of Agricultural Extension and Farmer Assistance - Botswana, Parts 1 & 2," Agricultural Administration 7 (1980): 191-209 and 297-322. (S)

- Kislev, Y., "A Model of Agricultural Research," in T. Arndt, D. Dalrymple, and V. Ruttan (eds.), Resource Allocation and Productivity in National and International Agricultural Research, University of Minnesota Press, Minneapolis, MN, 1978. (L)
- Kislev, Y. and R. Evenson, "Investment in Agricultural Research and Extension: An International Survey," Economic Development and Cultural Change, December 1974. (L)
- Koppel, Bruce, "The Changing Functions of Research Management: Technology Assessment and the Challenges to Contemporary Agricultural Research Organization," Agricultural Administration 6 (1979): 123-139. (S)
- Lakoh, A.K. and A. Akinbode, "Agricultural Research Delivery System in Sierra Leone," Agricultural Administration 8 (1981): 289-305. (S)
- Leonard, D.K., "Organizational Structures for Productivity in Agricultural Extension," in D.K. Leonard, Rural Administration in Kenya, East Africa Literature Bureau, Nairobi, 1973. (S)
- _____, (ed.), Rural Administration in Kenya, East Africa Literature Bureau, Nairobi, 1973. (L)
- _____, Reaching the Peasant Farmers: Organization Theory and Practice in Kenya, University of Chicago Press, Chicago, IL, 1977. (L)
- Lionberger, Herbert, "Organizational Issues in Farm Information Systems for Modernizing Agriculture," Journal of Developing Areas 8 (April) 1974: 395-408. (S)
- Lipton, Michael, "Inter-Farm, Inter-Regional, and Farm-Nonfarm Income Distribution: The Impact of the New Cereal Varieties," World Development 6 (3) 1978: 319-337. (S)
- Lowdermilk, Max, "Promoting Increased Food Production in the 1980s: Approaches to Agricultural Extension in Different Production Systems," presented at World Bank Symposium on "Promoting Increased Food Production in the 1980s," January 5-9, 1981, AID, Washington, D.C. (S)
- Mansanja, David, "The Position of Agricultural Research in Tanzania," prepared for the Agriculture and Livestock Research Workshop, Arusha, Tanzania, 26 February to 3 March, 1979. (S)
- McDermott, J.K., "The Technology of Technological Innovation," Working Draft, April 21, 1975. (S)
- _____, "Linking Research and Extension to Serve the Small Farm Operator," prepared for the meeting of the Asian Agricultural University Association, Suweon, Korea, October 11-16, 1976. (S)
- _____, "Concepts in Technology Transfer for Small Farms Research Internationally," presented at the Symposium, "Research for Small Farmers," Beltsville Agricultural Research Center, Beltsville, MD, November 15, 1981. (S)
- _____, "Social Science Perspectives on Agricultural Developments," prepared for Faculty Development Seminar, University of Nebraska, March 10, 1982. (S)

- _____, "The Technology of Technological Innovation," Draft, 1984. (S)
- _____, "Extension Research Linkage Conceptualization and Management," Draft Working Paper for Farming Systems Support Project, University of Florida, Gainesville, FL, February 1984. (S)
- Mellor, John W., The World Food Problem and BIFAD: The Need for Production and Research, Board for International Food and Agricultural Development Occasional Paper No. 2, AID, Washington, D.C., 1980. (S)
- Miller, Leonard, "Identifying and Meeting Institutional Needs of Colleges of Agriculture in the Developing Countries," Chapter 3 in D. Woods Thomas (ed.), Institution Building: A Model for Applied Social Changes, Cambridge, MA, Schenkman, 1972, pp. 11-23. (S)
- Minot, Nicholas W., Linkages Between Agricultural Research and Extension in Less Developed Countries, CARSON Working Paper, Michigan State University, East Lansing, MI, 1984. (S)
- Moris, Jon, Managing Induced Rural Development, International Development Institute, Bloomington, IN, 1981. (L)
- Moseman, Albert, Building Agricultural Research Systems in the Developing Nations, Agricultural Development Council, Inc., New York, NY, 1970. (L)
- _____, National Agricultural Research Systems in Asia, Agricultural Development Council, New York, NY, 1971.
- _____, "Organizational Structures for National Agricultural Research Systems," in Southeast Asian Regional Center for Graduate Study and Research in Agriculture, Agricultural Research Management, Asia, Volume I, SEARCA, Laguna, Philippines, 1976.
- Mosher, A.T., An Introduction to Agricultural Extension, Agricultural Development Council, Inc., New York, NY, 1978. (L)
- _____, Three Ways to Spur Agricultural Growth, International Agricultural Development Service, New York, NY, 1981.
- Murphy, Josette, "Agricultural Research and Development - The Findings of Eight Impact Evaluations," Background Paper for Workshop on the Impact of Agricultural Research, Leesburg, VA, 14-17 July, 1982. (S)
- Nagel, Vwe Jens, "Knowledge Flows in Agriculture: Linking Research, Extension, and the Farmer," Zeitschrift für Ausländische Landwirtschaft 18 (April-June) 1979: 135-150. (S)
- Nagy, Joseph G., "Estimating the Yield Advantage of High Yielding Wheat Varieties: The Use of On-Farm Yield Constraints Data," Bulletin No. 83-3, Economic Development Center, University of Minnesota, Minneapolis, MN, 1983. (S)
- Nair, Balakrishnan K., ICAR and Its Institutes, India Council for Agricultural Research, New Delhi, 1971. (L)

- Nelson, R.S.M., "Background Paper for Tanzania Agricultural Research," prepared for the Agriculture and Livestock Research Workshop, Arusha, Tanzania, 26 February to 3 March, 1979. (S)
- Nicholson, Norman, "The Political Economy of Agricultural Research in Developing Countries: The Case for Farming Systems Approaches," presented to Farm Structure and Rural Policy Symposium, 20-22 October, 1980, Iowa State University, Ames, IA. (S)
- Nickel, John L., (CIAT), "Low Input Environmentally-Sensitive Technologies for Agriculture," IAFP Working Paper Series Publication No. 7, 1985, a Grant F. Walton International Lecture. (S)
- Norman, D.W., "The Organizational Consequences of Social and Economic Constraints and Policies in Dry Land Areas," in Guy Hunter *et al.* (eds.), Policy and Practice in Rural Development, Proceedings of the Second International Seminar on Change in Agriculture, Reading, U.K. (September 9-19, 1974), 1976. (S)
- Nweke, Felix, "Organization of Agricultural Research in Ghana: Priorities, Problems, Implications for Domestic Food Production and Policy Issues," Agricultural Administration 6 (1979): 19-29. (S)
- Oasa, Edmund K., "International Rice Research Institute and the Green Revolution: A Case Study of the Politics of Agricultural Research," Ph.D. dissertation, University of Hawaii, 1981. (VF)
- Oasa, Edmund K. and Bruce Jennings, "The Nature of Social Inquiry in International Agricultural Research: A Reproduction of the American Experience at IRRI and CIMMYT," Draft of Paper to be delivered at the 1981 Rural Sociology Meeting, "Global Changes in the Structure of Agriculture and Rural Society," University of Guelph, Guelph, Ontario, Canada, 19-23 August, 1981. (VF)
- Okigbo, B.N., "Managing Agricultural Research in Nigeria: The Research Support System," presented at the Agricultural and Rural Management Training Institute, Administrative Staff College of Nigeria, Lagos, July 22-24, 1981.
- _____, "International Collaboration in Research," presented at the Training Workshop on Research Management, Administrative Staff College of Nigeria, Lagos, October 26-November 6, 1981.
- Okigbo, B.N. and Green Revolution National Committee, Report of Research Institutes Review Panel, 1980/81, Background Papers and Evaluation of Individual Research Institutes, Vol. 1, Ibadan, Nigeria, 1981. (VF)
- _____, Recommendations and Observations on Various Issues, Vol. 2, Ibadan, Nigeria, 1981. (VF)
- Opore, K.D., "The Role of Agricultural Extension in the Adoption of Innovations by Cocoa Growers in Ghana," Rural Sociology 42 (21) 1977: 72-82. (VF)
- Oram, Peter, "Commentary: The Evolution of an Interlinked Global Agricultural Research System," International Food Policy Research Institute 4 (2) (May) 1982: 1, 4. (VF)

- _____, "The Nature and Extent of the Problem: An Overview of Research and Extension Needs," Paper presented at Workshop on Financing the Recurrent Costs of Agricultural Services, 1983. (VF)
- Pages, P.D. and J.D. Drilon, Jr., Organizational Trends in National Research Management: A Global Overview, Southeast Asian Regional Center for Graduate Study and Research in Agriculture, Laguna, Philippines, n.d. (VF)
- Pasour, E.C. and M.A. Johnson, "Bureaucratic Productivity: The Case of Agricultural Research Revisited," Public Choice 39 (1982): 302-317. (VF)
- Pastore, Jose and Eliseu Alves, "Reforming the Brazilian Agricultural Research System," in T. Arndt, D. Dalrymple, and V. Ruttan (eds.), Resource Allocation and Productivity in National and International Agricultural Research, University of Minnesota Press, Minneapolis, MN, 1977. (L)
- Paulsen, Arnold and Donald Kaldor, "Evaluation and Planning of Research in the Experiment Station," American Journal of Agricultural Economics 50 (December) 1968. (L)
- Paz, Luis, "A Methodology for Establishing Priorities for Research on Agricultural Products," in D. Daniels and B. Nestel (eds.), Resource Allocation to Agricultural Research, Proceedings of a Workshop held in Singapore, 8-10 June, 1981, International Development Research Centre, Ottawa, Canada, 1981. (VF)
- Pelz, Donald C. and Frank M. Andrews, Scientists in Organizations: Productive Climates for Research and Development, Institute of Social Research, University of Michigan, Ann Arbor, MI, 1976, pp. xv-xxiii. (VF)
- Peterson, Everett E., "Survey of Nigerian Agricultural Research," Consortium for the Study of Nigerian Rural Development, Draft, 1966. (VF)
- Pineiro, M., "Latin American Chapter of IFARD Holds First Meeting in Costa Rica," CGIAR, Vol. 1, No. 2, September 1981. (VF)
- _____, "Technical Change and Social Conflict in Agriculture: Issues from a Latin American Perspective," (Table of Contents only). (VF)
- Pineiro, M. and E.J. Trigo, "The Changing Institutional Nature of Technology Diffusion in Latin America: Policy Implications," paper prepared for the Pacific Basin Workshop, Mexico City, June 10-12, 1982. PROTAAAL Document No. 86, 1982. (VF)
- Pinstrup-Anderson, Per, "Decision-Making on Food and Agricultural Research Policy: The Distribution of Benefits from New Agricultural Technology Among Consumer Income Strata," Agricultural Administration 4 (1977): 13-28. (VF)
- _____, Agricultural Research and Technology in Economic Development, Longmans, New York, NY, 1982. (VF)
- Pinstrup-Anderson, Per and Francis C. Byrnes, Methods for Allocating Resources in Applied Agricultural Research in Latin America, Centro Internacional de Agricultura Tropical, Series CE-11, November 1975. (L)
- Plunkett, Donald and Nigel Smith, "Agricultural Research and Third World Food Production," Science 217 (16 July) 1982. (VF)

- Prahladachrar, M., "Income Distribution Effects of the Green Revolution in India: A Review of Empirical Evidences," Bulletin 82-2, Economic Development Center, University of Minnesota, Minneapolis, MN, April 1982. (VF)
- Pray, Carl, "The Economics of Agricultural Research in Bangladesh," Bangladesh Journal of Agricultural Economics, Vol. 2, No. 2, December 1979, pp. 1-34. (VF)
- _____, "Agricultural Research in British and Pakistani Punjab; An Induced Innovation Interpretation," Bulletin 81-21, Economic Development Center, University of Minnesota, Minneapolis, MN, August 1981. (VF)
- _____, "Green Revolution as a Case Study in Transfer of Technology," Annals, American Academy of Political and Social Science 458 (November) 1981: 68-80. (VF)
- _____, et al., "Agricultural Research System of Pakistan: The Report of the Minnesota Reconnaissance Team," Bulletin 82-1, Economic Development Center, University of Minnesota, Minneapolis, MN, March 1982. (VF)
- _____, "The Green Revolution as a Case Study in Transfer of Technology," Bulletin 82-2, Economic Development Center, University of Minnesota, Minneapolis, MN, 1982. (VF)
- Proyecto Cooperativo de Investigacion sobre Tecnologia Agropecuaria en America Latina (PROTAAL), "Lista de Publicaciones," (those available through 8/31/82). (VF)
- Ranis, G., "An Arena of Applied Research," Science 220: 399-401. (VF)
- Rao, Radha C., "Communication Linkages in Transfer of Agricultural Technology," Economic and Political Weekly, December 1972. (VF)
- Research Management Center, "UPLB's Research Management Center," University of the Philippines at Los Banos. (VF)
- Rockefeller Foundation and the U.S. Office of Science and Technology Policy, Science for Agriculture, Report of a Workshop on Critical Issues in American Agricultural Research, Winrock International Conference Center, Arkansas, 14-15 June, 1982. (VF)
- Rohrbach, David D., Issues of Research System Organization and Management in the Developing Countries, CARSOM Working Paper, Michigan State University, East Lansing, MI, 1984. (VF)
- Roling, Niels, "Knowledge Brokerage for Increasing the Relevance of Agricultural Research to African Smallholders," Rural Africana 27 (Spring) 1975: 113-119.
- Russel, J., "Adapting Extension Work to Poorer Agricultural Areas," Finance and Development, 3 June, 1981. (VF)
- Russell, Maither Garrett, R.J. Sauer, and J.M. Barnes, Enabling Interdisciplinary Research: Perspectives from Agriculture, Forestry, and Home Economics, University of Minnesota Agricultural Experiment Station, St. Paul, MN, 1982. (L)
- Ruttan, Vernon W., "Induced Innovation and Agricultural Development," Food Policy 2 (3) (August) 1977. (L)

- _____, "The Organization of Research to Improve Crops and Animals in Low-Income Countries: Comment," in T.W. Schultz (ed.), Distortions in Agricultural Incentives, Indiana University Press, Bloomington, IN, 1978. (L)
- _____, "Reviewing Agricultural Research Programs," Agricultural Administration 5, Chapters 5 and 6, 1978. (RR)
- _____, "The Role of the International Agricultural Research Institute as a Source of Agricultural Development," Agricultural Administration 5, 1978. (L)
- _____, "An Induced Innovation Interpretation of Technical Change in Agriculture in Developed Countries," prepared for the seminar "Cambio Tecnico en el Agro Latinoamericano: Situacion y Perspectivas en la Decada de 1980," Coronado, Costa Rica, September 1-3, 1981. (VF)
- _____, "The Asia Bureau Agricultural Research Review," Bulletin 81-2, Economic Development Center, University of Minnesota, Minneapolis, MN, March 1981. (VF)
- _____, Agricultural Research Policy, University of Minnesota Press, Minneapolis, MN, 1982. (L)
- _____, "Bureaucratic Productivity: The Case of Agricultural Research Revisited--A Rejoinder," Public Choice 39 (1982): 319-329. (VF)
- _____, "Changing Role of Public and Private Sectors in Agricultural Research," Science 216 (2 April) 1982. (VF)
- _____, "Economic Benefits from Agricultural Research," Chapter 10 in Agricultural Research Policy, University of Minnesota, Minneapolis, MN, 1982. (VF)
- _____, "Reforming the Global Agricultural Research Support System," Bulletin No. 83-2, Economic Development Center, University of Minnesota, Minneapolis, MN, 1983. (VF)
- Sanikaphuti, Y., "Bridging Research and Extension Gap Through Development Communication in Thailand," in Food and Fertilizer Technology Center, Support Communication for Rural Development Programs, FFTC, Taipei, 1981.
- Sawyer, R.L., "Changing Roles in World Agriculture," IAFP Working Paper Series Publication No. 6, 1985, a Grant F. Walton International Lecture. (VF)
- Schuh, G.E. and Helio Tollini, "Costs and Benefits of Agricultural Research: The State of the Arts," World Bank Staff Working Paper No. 360, World Bank, Washington, D.C., 1979. (VF)
- Schultz, Theodore W., "The Economics of Research and Agricultural Productivity," IADS Occasional Paper, New York, NY, 1979. (VF)
- _____, "The Entrepreneurial Function in Agricultural Research," prepared for the Agricultural Research Workshop, Yogyakarta, Indonesia, November 9, 1980. (VF)
- Schumway, C.R., "Allocation of Scarce Resources to Agricultural Research: Review of Methodology," American Journal of Agricultural Economics 55 (November) 1973: 557-565. (VF)

- _____, "Predicting Future Research Payoff from Historical Evidence," Agricultural Administration 4 (1977): 191-201. (VF)
- Schumway, C.R. and R.J. McCracken, "Use of Scoring Models in Evaluating Research Programs," American Journal of Agricultural Economics 57 (November) 1975. (L)
- Scobie, Grant M., "Who Benefits from Agricultural Research?" Review of Marketing and Agricultural Economics 44 (1976): 197-202. (VF)
- _____, "Investment in International Agricultural Research: Some Economic Dimensions," World Bank Staff Working Paper No. 361, World Bank, Washington, D.C., October 1979. (VF)
- _____, "The Demand for Agricultural Research: A Colombian Illustration," American Journal of Agricultural Economics 61 (3) 1979: 540-545. (VF)
- _____, "Investment in Agricultural Research: Some Economic Principles," Centro Internacional de Mejoramiento de Maiz Y Trigo, International Maize and Wheat Improvement Center, Mexico, n.d. (VF)
- Shaner, W.W., P.F. Phillip, and Schmeh, Readings in Farming Systems Research and Development, Westview Special Studies in Aquaculture Science and Policy, USAID, 1981. (VF)
- Smith, Grahame, "A Comparative Study of National Agricultural Research Systems in Selected Countries," Office of Technology Assessment, U.S. Congress, Washington, D.C., 1981. (VF)
- Southeast Asian Regional Center for Graduate Study and Research in Agriculture, Agricultural Research Management, Asia, Volume I, SEARCA, Laguna, Philippines, 1976. (VF)
- _____, Asian Cases of Agricultural Research Management, Laguna, Philippines, 1982. (L)
- _____, Philippine Cases on Agricultural Research Management, Laguna, Philippines, 1982. (L)
- Stavis, B., "Agricultural Research and Extension Services in China," World Development 6 (1978): 631-645. (VF)
- _____, Agricultural Extension for Small Farmers, Michigan State University Rural Development Working Paper No. 3, Michigan State University, East Lansing, MI, 1979. (L)
- Stomes, Eileen and Seleshi Sisaye, "Administration of Agricultural Development Programmes: A Look at the Ethiopian Approach - Parts 1, 2 and 3," Agricultural Administration 6 (1979): 221-239, 253-267, and 7 (1980): 1-23. (VF)
- Swanson, B.E., "Impact of the International System on National Research Capacity," in T. Arndt, D. Dalrymple, and V. Ruttan, Resource Allocation and Productivity in National and International Agricultural Research, University of Minnesota Press, Minneapolis, MN, 1977. (L)

- Symposium on the Role of Faculties of Agriculture in Extension and Rural Development, University of Alexandria, Alexandria, 17-21 March, 1980. (VF,L)
- Tahir, Saleem M., G.O.B. Bertilsson, and G.W. Arnott, "Management of Fertiliser Research in Pakistan and Suggestions for Improvement," Agricultural Administration 8 (1980): 147-158. (VF)
- Tandon, Rajesh and L. Dave Brown, "Organization-Building for Rural Development: An Experiment in India," Journal of Applied Behavioral Science 17 (November 12) 1981: 172-189. (VF)
- Teich, Albert and Ray Thornton (eds), Science, Technology, and the Issues of the Eighties: Policy Outlook, Westview Press, Boulder, CO, 1982. (VF)
- Thomas, D. Woods, "American Agricultural Research: Its Role in Agricultural Development Abroad," Board for International Food and Agricultural Development, Washington, D.C., 1980. (VF)
- Tollini, Helio, "Planning Agricultural Research: Concepts and Practice," Future of Agriculture: Technology, Policies and Adjustment, 15th International Conference of Agricultural Economists, Sao Paulo, 19-30 August, 1973, IAAE, 1974. (VF)
- Tombaugh, Larry W., et al., "Report of the Committee to Study the Michigan Agricultural Experiment Station," Mimeo, January 1982. (VF)
- Torres, William T., "Management Information and Control System," in Agricultural Research Management, Asia, Volume I, SEARCA, Laguna, Philippines, 1976. (VF)
- Trapman, Christopher, Change in Administrative Structures: Case Study of Kenyan Agricultural Development, Overseas Development Institute, London, 1974. (L)
- Trigo, Eduardo and J.A. Chapman, "Assignment Priorities to Agricultural Research: A Critical Review of the Use of Programmes by Product-Line and Production Systems," Agricultural Administration 10, 1982. (VF)
- Trigo, Eduardo and Martin Pineiro, "Dynamics of Agricultural Research Organization in Latin America," Food Policy, February 1981. (VF)
- _____, "Institutional Aspects of Agricultural Research Organization in Latin America: Problems, Perspectives and Policy Issues," Proyecto Cooperativo de Investigacion sobre Tecnologia Agropecuaria en America Latina (PROTAAL), San Jose, Costa Rica, 1981. (VF)
- _____, "Agricultural Technology in Latin America: Foundation for a Science and Technology Policy," Cooperative Research Project on Agricultural Technology in Latin America, PROTAAL, Document No. 81, 1982. (VF)
- _____, "Funding Agricultural Research," prepared for the Second Meeting of Directors of National Agricultural Research Systems of Latin America and the Caribbean, Madrid, September 1982. (VF)
- Tripp, Robert, "Annex 2: Discussion Note for Ecuador Case," Draft, ISNAR, The Hague, Netherlands, April 1982. (VF)

- U.N. World Food Council, "Progress Report," prepared for the Seventh Ministerial Session, Novi Sad, Yugoslavia, 25-29 May, 1981. (VF)
- U.S. Agency for International Development, Central America: Small Farmer Cropping Systems, AID Project Impact Evaluation Report No. 14, AID, Washington, D.C., 1980. (VF)
- _____, Kitale Maize: The Limits of Success, AID Project Impact Evaluation Report No. 2, AID, Washington, D.C., 1980. (VF)
- _____, Swaziland Cropping Systems Research and Extension Training Design Study, report to USAID/Swaziland by K. Allred, W.F. Farnsworth, and J.D. Downes, March 5, 1980. (VF)
- _____, "Managing the AID Research System," Draft Working Paper, August 26, 1981. (VF)
- _____, Agricultural Research in Northeastern Thailand, AID Project Impact Evaluation Report No. 34, AID, Washington, D.C., 1982. (VF)
- _____, "AID's Strategy to Strengthen National Agricultural Research Systems in Africa," Mimeo, May 5, 1982. (VF)
- _____, Effective Institution Building: A Guide for Project Designers and Project Managers Based on Lessons Learned from the AID Portfolio, AID Program Evaluation Discussion Paper No. 11, AID, Washington, D.C., 1982. (VF)
- _____, Food Grain Technology: Agricultural Research in Nepal, AID Project Impact Evaluation Report No. 33, AID, Washington, D.C., 1982. (VF)
- _____, Guatemala: Development of the Institute of Agricultural Science and Technology (ICTA) and Its Impact on Agricultural Research and Farm Productivity, AID Project Impact Evaluation Report No. 30, AID, Washington, D.C., 1982. (VF)
- _____, Korean Agricultural Research: The Integration of Research and Extension, AID Project Impact Evaluation Report No. 27, AID, Washington, D.C., January 1982. (VF)
- _____, The On-Farm Water Management Project in Pakistan, AID Project Impact Evaluation Report No. 35, AID, Washington, D.C., 1982. (VF)
- _____, "Plan for Supporting Agricultural Research and Faculties of Agriculture in Africa," Washington, D.C., 1985. (VF)
- U.S. Agency for International Development, Development Alternatives, Inc., Paul R. Crawford and A.H. Barclay, Jr., AID Experience in Agricultural Research: A Review of Project Evaluations, AID Program Evaluation Discussion Paper No. 13, Washington, D.C., 1982. (L,VF)
- U.S. Department of Agriculture, "Systematic Procedures for Planning Research," USDA Science and Education Administration, Agricultural Reviews and Manuals, ARM-NE-8, June 1980. (VF)

- _____, Impact Evaluation of Management of Agricultural Organization Course: Lesotho, 1983.
- U.S. General Accounting Office, Financial Management Problems in Developing Countries Reduce the Impact of Assistance, Report to the Administrator Agency for International Development, Washington, D.C., 1984. (VF)
- U.S. Office of Technology Assessment, An Assessment of the U.S. Food and Agricultural Research System, OTA, Washington, D.C., 1981. (VF)
- _____, "International Dimensions of Research," Chapter VIII in An Assessment of the U.S. Food and Agricultural Research System, OTA, Washington, D.C., 1981. (VF)
- _____, "Role and Development of Public Agricultural Research," Chapter III in An Assessment of the U.S. Food and Agricultural Research System, OTA, Washington, D.C., 1981. (VF)
- _____, "Roles of Research Participants," Chapter V in An Assessment of the U.S. Food and Agricultural Research System, OTA, Washington, D.C., 1981. (VF)
- Uphoff, Norman, "Ten Propositions on Agricultural Research, Extension and Development," Mimeo, Cornell University, Ithaca, NY, n.d. (VF)
- Watts, E.R., "Agricultural Extension in Embu District of Kenya," Eastern Africa Journal of Rural Development 6 (8) 1969: 63-77. (VF)
- Waugh, R.K., J. Meiman, and J.K. McDermott, "Institutional Assessment for Implementing a Systems Approach to Agricultural Research and Extension," Farming Systems Support Project Working Paper 101, University of Florida, Gainesville, FL, n.d.
- Werge, Robert, Management of Agricultural Research, Participant Manual for Training Course Administered by USDA/OICD International Training Division, August 23 to September 17, 1982. (VF)
- _____, "Final Report on Administration of Agricultural Research: A Training Course Presented by USDA/EMBRAPA in Washington, D.C. and Selected State Universities, August 23-September 17, 1983," Mimeo. (VF)
- Werge, Robert and J. McCarry, "Evaluation Report: USDA Course--Management of Agricultural Research," Mimeo, 1984. (VF)
- Whyte, William, "Participatory Approaches to Agricultural Research and Development: A State-of-the-Art Paper," Cornell University Special Paper on Research and Extension, No. 1, Ithaca, NY, 1981. (VF)
- Wittwer, Sylvan, "Agricultural Research: Some Comparisons of the Soviet, Chinese, and United States Systems," National Forum 61 (Winter) 1981: 20-21. (VF)
- _____, "United States Agriculture in the Context of the World Food Situation," Mimeo, n.d. (VF)
- Wood, G.P. and A.T. Mosher, Readings in Agricultural Administration, Agricultural Development Council, New York, NY, 1980. (RR)

World Bank, "Senegal Agricultural Research Project: Staff Appraisal Report," Internal Document, December 9, 1980. (VF)

_____, "Agricultural Extension in India," AGR Technical Notes, No. 5, August 1981. (VF)

_____, "Agricultural Research and Economic Development," Chapter 1 in Agricultural Research: Sector Policy Paper, Washington, D.C., 1981. (VF)

_____, Agricultural Research: Sector Policy Paper, Washington, D.C., 1981. (VF)

_____, "Strengthening Agricultural Research and Extension, The World Bank Experience," Washington, D.C., September 1, 1983. (VF)

_____, Agricultural Research and Extension: An Evaluation of the World Bank's Experience, Washington, D.C., 1985. (VF)

Wortman, S. and R. Cummings, To Feed This World, Johns Hopkins University Press, Baltimore, MD, 1978, pp. 291-343. (VF)

Yeganiantz and Inter-American Institute for Cooperation on Agriculture, Brazilian Agriculture and Agricultural Research, Department of Diffusion of Technology, Brazil, 1984. (VF)