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of

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Aim of the International Research Register of Studies on Co-operatives in Developing Countries is to maintain a centralized record and disseminate information concerning research studies and other publications.

The Research Register is an ICA project within the framework of the Co-operative Development Decade.

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A supplement of the Directory of Organizations Engaged in Co-operative Research is intended to be attached to the Bulletins. Informations concerning research organizations are welcomed.

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## GUIDE

### Codes for languages

Arabic	Ar	Indonesian	In
Bulgarian	Bu	Italian	It
Chinese	Ch	Japanese	Ja
Czech	Cz	Korean	Ko
Danish	Da	Malay	Ma
Dutch	Ne	Persian	Pe
English	En	Polish	Po
French	Fr	Portuguese	Pt
German	De	Russian	Ru
Grecian	Gr	Sinhala	Si
Gujarati	Gu	Spanish	Es
Hebrew	He	Sweden	Sw
Hindi	Hi	Thai	Ta
Hungarian	Hu	Turkish	Tr

For the summaries the same codes are used  
but beginning with a small letter

### Other abbreviations used

bibliography	bibl	reference(s)	ref
diagram(s)	dgm	statistical	stat
graph(s)	gph	supplement	suppl
illustration(s)	ill	table(s)	tab

### Readers' Guide

After bibliographical data each item contains indication of language and of the geographical coverage.

English title of studies is always underlined by a broken line, in case the original language differs, a translation is given in brackets.

In case of unpublished papers, the date mentioned is that of finishing research or manuscript. In such cases the sponsoring institute is also indicated.

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## I. REFERENCE WORKS

### BIBLIOGRAPHIES

See also: 13, 89, 91, 93, 97, 157, 176, 180, 193, 204, 219,  
221, 229, 284

1. INSTITUTE OF DEVELOPING ECONOMIES, Library Bulletin, Tokyo 1986, Vol. XXVIII, No 2, pp. 134, No 4, pp. 112, No 5, pp. 114.  
ISSN 0020-2827  
Ch, en, ja, ko Developing countries

This is an index to selected periodical articles on developing countries. This index provides information on periodical articles on economic, political and social problems in developing countries, appearing in journals currently acquired by the Library of Institute of Developing Economies.

### REPORTS OF CONFERENCES, SEMINARS, MEETINGS, RECOMMENDATIONS AND RESOLUTIONS ON CO-OPERATIVES

See also: 34, 37, 43, 50, 66, 67, 69, 78, 80, 98, 109, 111,  
134, 158, 171, 202, 207, 208, 210, 211, 212, 221,  
226, 232, 236

2. ADJID, D. A., Group farming in Indonesia. Report of the Seventh Session of the FAO Regional Commission on Farm Management for Asia and the Far East, Jogjakarta, Indonesia, 24 - 29. August 1981. FAO, Rome 1981, pp. 163 - 181.  
En Indonesia
3. AHMED, I., Rural development: options for Namibia; proceedings of a workshop held 5 - 15 Oct. 1983 in Lusaka, Zambia. Geneva, ILO, 1983, pp. 49. 1983  
ISBN: 92-2-103852-1  
En Namibia

Presents rural development, development planning, agricultural cooperatives, role of women, appropriate technology, social aspects, political aspects, land

- reform, data collecting, manpower planning, training, conference reports, agendas.
4. Analysis of the savings program of Samahang Nayon in the Philippines: a report submitted to the International Development Research Centre /IDRC/ of Canada. University of the Philippines at Los Baños, Laguna, 1979, pp. 202.  
En Philippines
  5. APPIAH, Y. M., Ghana Cooperatives Council, Accra/ Identification of propblem and success areas and project proposals regarding cooperative management system in Ghana. Expert Consultation on Appropriate Management Systems for Agricultural Cooperatives - Arusha /Tanzania/ 19 May 1980. FAO, Rome, 1980, pp. 18.  
En Ghana
  6. Co-operative Storage and Warehousing Management. ILO, UNDP, Geneva, 1984, pp. 33.  
ISBN: 92-2-105047-5  
En Burma
  7. COUVREUR, Y., Possibilites de promotion co-operative dans les zones pilotes du programme d'aménagement et de développement du Nord - Togo, Tranche la Kara; Resultats et recommandations de la mission du consultant en promotion cooperative.  
/Possibilities of cooperative promotion in piloting zones of management and development programme of North Togo, Tranche la Kara; Results and recommendations of consulting mission in cooperative promotion/. ILO, Geneva, 1982, V. II, pp. 55  
ISBN: 92-2-203001-X  
Fr North Togo
- Project report on cooperative promotion possibilities within the scope of rural development pilot projects in Northern Togo - outlines project design and the need for motivation to overcome the rural populations passive attitude, encourage cooperative marketing, agricultural cooperatives, community grain processing, consumers cooperatives, etc., and includes recommendations. List of documents and map.

8. GABISI, S.M.D., SAMURA, F. B., Problem and success area and project proposal regarding the expansions of the Sherbro Plassava [fibre]. Marketing Co-operative Society [Sierra Leone]. Expert Consultation on Appropriate Management Systems for Agricultural Cooperatives Arusha /Tanzania/ 19 May 1980, FAO, Rome, 1980, pp. 11.  
En Sierra Leone
9. FINASSI, A., Propositions pour l'amelioration de la culture mecanisee du riz irrigue dans la moyenne et la basse vallee et le delta du fleuve Senegal /avec accent sur les CUMA pilotes/. Rapport de mission du 5 -28 novembre 1984. /Proposals for the improvement of mechanized irrigated rice culture in the middle and lower valley of the Senegal River /with special reference to the pilot CUMAs /cooperatives for the use of agricultural machinery/. Report of a mission from 5-28 Nov 1984.  
Rome, 1984, pp. 50.  
Fr Senegal  
Presents agricultural mechanization and rural cooperatives.
10. Identification of problem and success areas and project proposals regarding cooperative marketing systems in the Gambia. - Expert Consultation on Appropriate Management Systems for Agricultural Cooperatives - Arusha /Tanzania/ 19 May 1980. FAO, Rome 1980, pp. 4.  
En Gambia
11. The identification of problem and success areas and project proposals regarding co-operative management system in Liberia. Expert Consultation on Appropriate Management Systems for Agricultural Cooperatives - Arusha /Tanzania/ 19 May 1980; FAO, Rome, 1980, pp. 21.  
En Liberia  
Mission report of agricultural sector, forestry, plantation and food crop subsectors, trends, Liberia - farming systems, agricultural production rice, agrarian structure, agricultural prices, price policy, infrastructure, agricultural policy, agricultural administration, decentralization, government agencies, agricultural research, agricultural extension, agricultural cooperatives, agricultural marketing, recommendations. Maps, statistical tables.
12. LIBERIA; Agricultural Sector Review, IBRD; Washington, 1984, v. 4.  
En Liberia

13. MICHELSEN, C. Report of the Special Programming Mission to Mozambique. Institute, Bergen, International Fund for Agricultural Development, Bergen, 1980. V. 1.  
En  
Mozambique

Mission report and economic survey of the political economy and economic resources of Mozambique, suggesting a priority programme of technical assistance for rural development and agricultural development - discusses institutional frameworks, regional development, the role of agricultural cooperatives, current economic conditions, etc. Bibliography, diagrams, graphs, maps, oranigrams.

14. National Symposium on Cooperative Education and Family Welfare and Rural Development, Mogadishu - Somalia, 25 October - 4 November 1976. ILO, Somali Republic, Ministry of Labour and Sports, Mogadiscio, 1976, v. III. pp. 182.  
En  
Somalia

Conference report on cooperative education, family planning and rural development in Somalia discusses demographic trends in the country, the effects of rapid and unregulated population increase /incl. on national planning, standard of living and employment/, ways in which the cooperative movement could contribute to rural and economic development and the role of women in family welfare education, etc. References and statistical tables. Conf. Mogadiscio, 1976, Oct. 25 to Nov. 4.

15. Rapport de la mission de haut niveau pour la mise en oeuvre du plan d'action de la Conference Mondiale Rural sur la Reforme Agraire et le Developpement Rural en Republique de Cap-Vert, 11 - 18 juin 1981. Rapport mission suivi CMRADR 3.  
/High level mission report to implement the action plan of the World Conference on Agrarian Reform and Rural Development in Cape Verde Republic, 11 - 18 June 1981/. 7WCARRD follow-up mission 3/. FAO, Rome, 1981, pp. 26.  
Fr  
Cape Verde Republic

16. Report. Regional Commission on Food Security for Asia and the Pacific. FAO Bangkok, 1985, pp. 110.  
En  
Asia, Oceania

17. Report Regional Expert Consultation on the Role of Rural Co-operatives in the Productive Sectors in Africa, Addis Ababa, 7-11 Oct. 1985. ECA, Addis Ababa, 1985, pp. 31.  
En  
Africa

Presents problems of rural development, role of cooperative movement, rural cooperatives, production cooperatives, industrial cooperatives, agricultural

- cooperatives, food production, food storage, - comparative analysis, conference reports.
18. Report of WCARRD /World Conference on Agrarian Reform and Rural Development/. Follow-up Rural Development Team, Lesotho. V. 1: Summary, pt. 1: Iketsetseng: framework for an integrated national rural development strategy. pt. 2: Background to Iketsetseng. - V. 2: Discussion, notes and background documentation. - V. 3: Project ideas and project proposals. FAO, Rome, 1985, V. 1-3.  
En Lesotho
19. Report on a Cooptrade Short-term Consultancy in Developing Furniture Design Competency in Some Burmese Furniture Cooperatives, Rangoon, Burma, October-December 1982; ILO, Bangkok, 1983, V. 1.  
En Burma
- Consultant report comprising recommendations on product design and product development in some furniture, cooperatives /furniture industry/ in Rangoon and Pegu, Burma - discusses wood product types, and includes advice on wood processing, wood technology, product quality, knock-down furniture prototypes for the domestic market and exports, vocational training of carpenters, technical assistance, etc. Diagrams and photographs.
20. Report on Findings of Evaluation Mission on ILO/Norway Project; Cooperative Support /Training and Organization/ to World Food Programme Assisted Development Activities: West and Central Africa, Sudano-Sahelian Zone /ACOPAM/. ILO, Geneva, 1981, V. 18, pp. 4.  
ISBN: 92-2-102823-2  
En West and Central Africa
- Project report comprising evaluation and comparative study of the development of cooperative support to WFP FOOD AID in Mauritania, Niger, Senegal, Burkina Faso and Mali examines project objectives such as management development, equipment purchase, creation of development financing and self help promotion, etc., and specifies cooperative farming and other activities for each country.
21. Report on the Country-Level Workshops on Appropriate Management Systems for Agricultural Cooperatives - AMSAC /Asia and Pacific Region/. FAO, Bangkok, Regional Office for Asia and the Pacific. Bangkok, 1984, pp. 50.  
En Asia, Pacific Region
- Presents rural cooperatives, problems of management, integrated approach, financial aspects.

22. Report on the occasion of the World Food Day. Seminar on Women in Agriculture, New York, 1984. FAO, New York, 1984, pp. 73.  
En Worldwide
23. Report on the Thai agricultural credit and cooperative officers Training/Workshop, Workshop on Agricultural Cooperative Activities in Republic of Korea. Seoul, 1979, pp. 40.  
En Korea Rep.
24. Report of the WCARRD follow-up Inter-Agency Mission to Mozambique. Rome, 1985, pp. 87.  
En Mozambique
- Contains: FAO-WCARRD MISSION NO. 12 report, economic analysis of agrarian reform and rural development strategies in Mozambique - looks at economic conditions; examines communal village development, the state farm sector, the rural institutional framework, etc.; reviews post - independence agricultural production, agricultural marketing and agricultural cooperatives, agricultural education, agricultural training /incl. of rural women/, health and nutrition; includes recommendations and statistical tables.
25. Role of cooperatives in various aspects of food security. Report FAO, Bangkok, 1985, pp. 98 - 108.  
En Asia, Oceania
26. Role of rural cooperatives in the productive sectors in Africa: synthesis paper. ECA, Addis Ababa, 1985, pp. 18.  
En Africa
- Presents problems of cooperative movements, rural cooperatives, production cooperatives, agricultural cooperatives, productivity, self - reliance, evaluation.
27. RUNNQUIST, J., AASTRAND, H., ABDULLAH, A., HOSSAIN, M., NATIONS, R., SIDA/ILO report on Integrated Rural Development Programme, IRDP, Bangladesh and Appendix I: Issues in agrarian development and the IRDP. Dacca, 1974, v. 2.  
En Bangladesh
28. RUTHERFORD, A. J. H., The Botswana Livestock Development Corporation /PTY/ Ltd: a reassessment. Proceedings of the Symposium on Botswana's First Livestock Development Project and 1st Future Implications / Robert K. Hitchcock, ed. Univ. College of Botswana, Gaborone, 1982.  
En Botswana
29. Second National Women's Congress: Proceedings, Philippine International Convention Center, Jan. 5 - 6, 1981. National

Commission on the Role of Filipino Women, Manila, 1981, pp. 67.

En Philippines

Presents women's rights, maternal and child health, education, agricultural cooperatives, disabled care, women's role, women's status, conference reports.

30. Seminario Nacional de Abastecimento Alimentar em Grandes Cidades: a Experiencia de Sao Paulo. - /Proceedings of the National Seminar on Food Supply in Big Cities: The Experience of São Paulo/. Secretaria de Agricultura e Abastecimento São Paulo, Coordenadoria de Abastecimento, São Paulo, 1985, pp. 462.

Pt Brazil

31. Third National Women's Congress: proceedings; "Filipino Women in Development; focus on the KKK", Philippine International Convention Center, May 4 - 5, 1982. National Commission on the Role of Filipino Women, Manila, 1982, pp. 174.

En Philippines

Presents Women's rights, women workers, women's organizations, information networks, cooperatives, women's role, women's status.

## II. GENERAL WORKS

**CO-OPERATIVE THEORY AND DOCTRINE, CO-OPERATIVE  
PRINCIPLES, THEORETICAL STUDIES**

See also: 84

32. Assistance in the Establishment of Two Model Agricultural Production Cooperatives, Afghanistan. Terminal Statement. FAO, Rome, 1986, pp. 7.  
En Afghanistan

**ROLE OF CO-OPERATIVE MOVEMENTS  
IN SOCIO-ECONOMIC DEVELOPMENT**

See also: 1, 15, 22, 25, 72, 82, 95, 96, 154, 178, 181, 200, 211, 214, 219, 220, 224, 225, 227, 228, 245, 271, 282, 285

33. ADAMS, R. H. Jr., Development and social change in rural Egypt. Syracuse Univ. Press, Syracuse, 1986, pp. 231.  
ISBN: 0-8156-2362-3  
En Egypt
34. AHMED, I., Rural Development options for Namibia after independence; ILO, UN Institute for Namibia; Selected Papers and Proceedings of a Workshop ... Lusaka, Zambia, 5 - 15 October 1983. Geneva, 1985, v. VI, pp. 154.  
ISBN: 92-2-103853  
En South-West Africa

Contents: Conference report on possible rural development and agricultural policy for Namibia after independence - discusses sociological aspects, political aspects, land tenure, manpower needs, rural employment, etc.; looks at land reform, data collecting, the economic role of rural women and rural youth, rural welfare, international cooperation, rural cooperatives, rural industries, agricultural technology; includes case studies of Angola, Botswana, Tanzania, Zambia and Zimbabwe.

35. AKINOLA, A. A., Farmers participation in the National Accelerated Food Production Project (NAFPP) in Nigeria. Agricultural systems, 1986, v. 20 747, pp. 301 - 311.  
En Nigeria
36. Animation, community development and structures de développement en Afrique Noire et à Madagascar /Animation, community development and structures of development in Black Africa and Madagascar/. Institut International de Recherches et Applications de Methods de developpement, Paris, 1968, pp. 2.  
Fr Madagascar
- Comparative study of rural development and community development methodology in Francophone and Anglophone Developing Countries of Africa South of Sahara - comprises 2 Documents, 1/ Covering Methods used in Madagascar, Niger and Senegal, and 2/ Covering Methods used in Ghana, Tanzania and Uganda, and includes Information on the role of cooperatives and Trade Unions in such development, teaching method used in teaching rural workers, etc., /ILO mentioned/.
37. AMIT, H. R., Cooperative option in grass roots development: a training workshop held at Meerut, U. P., India, Jan. 15 - 17, 1985. Coady International Institute, St. Francis Xavier University, Antigonish, 1985, pp. 28.  
En India
- Presents problems of community development, human resources, cooperatives, role of credit cooperatives, social change, leadership, training, church, rural development, conference reports, lists of participants.
38. ARIYARATNE, A. T., Socio - economic structure of a Sri Lankan village. Rural development and Human Rights in South Asia: report of a seminar held in Lucknow, India, 4 - 9 December 1982 / organized by the International Comission of Jurists and Human Rights Institute, pp. 119 - 124. Geneva 1984.  
ISBN: 929037022X  
En Sri Lanka
39. BERGMANN, T., /ed./, OGURA, T. B., /ed./. Cooperation in world agriculture: experiences, problems and perspectives. Tokyo, Food and Agriculture Policy Research Centre, 1985, pp. 367.  
ISBN: 4-89580-006-7  
En Developing countries
40. HOU, CHI MING YU., TZONG SHIAN., Agricultural development in China, Japan and Korea. Academia Sinica, Taipéi, 1982, pp. 878  
En China, Japan, Korea

- Presents development of strategy, agricultural development, agricultural policy, agricultural production, input - output analysis, mathematical models, agricultural mechanization, collective farming, employment creation, land tenure, land reform, agricultural markets, agricultural cooperatives, comparative analysis, reports, lists of participants, statistical data.
41. CONOVER, T., A cooperative beyond borders. Grassroots development, 1985, v. 9 727, pp. 43 - 51. -- En Mexico
  42. DEJENE, A., Smallholder perceptions of rural development and emerging institutions in Arssi Region since the Ethiopian revolution. Development Discussion Papers /USA/, Harvard Inst. for International Development, Cambridge, 1985, pp. 244, No. 192. En Ethiopia
  43. De SILVA, E. A. G., Socio - economic structures at village levels and organisations of farmers in the Asian region. Rural development and human rights in South Asia: Report of a seminar held in Lucknow, India, 4 - 9 December 1982 / organized by the International Commission of Jurists and Human Rights Institute, Geneva, pp. 137 - 140. ISBN: 929037022X En South-East Asia
  44. Economic transformation in a socialist framework, an employment and basic needs oriented development strategy for Somalia; Report to the government of Somalia by the Jasa Employment advisory mission. ILO, Addis Ababa, 1977, v. XXXV, pp. 403. ISBN: 92-2-101727-3 En Somalia
 

ILO PUB. Project report advising on development policy for Somalia, with particular emphasis on employment creation and basic needs fulfillment - discusses the role of agricultural development, the industrial sector and the informal sector, outlines macro - policy measure and includes papers on nomadic pastoralism, agricultural cooperatives, the dairy industry, income distribution, technical education and vocational training, manpower needs, etc. References and statistical tables.
  45. GENTIL, D., Cooperatives d'épargne et crédit et développement rural local. /Savings and credit cooperatives and local rural development / Francophone Africa/. Consultation sur la Mobilisation des Institutions Coopératives et des Systèmes Financiers en faveur de Développement rural, Lome /Togo/. 1984, pp. 48. Fr Francophone Africa

Presents problems of rural development, agricultural credit, savings, investments, role of cooperatives.

46. HODDY, E., India's White Revolution. Income for the rural poor. Development and Cooperation, 1986, No 4., pp. 4. --- En India

India's Operation Flood has become a showpiece and is described by many as the world's most successful dairy development project. Many countries, including China, Pakistan the Philippines, Saudi Arabia, Sri Lanka and Zimbabwe, have shown an interest in establishing their own White Revolutions. Operation Flood is designed to raise milk producers' incomes by organizing them into cooperatives and eliminating middlemen; to increase milk production in rural areas to help meet demand on a regular year - round basis; and to create a self sufficient dairy industry in India.

47. EL - KADI, M., The role of cooperative societies in developing the rural community in YAR. --- FAO, UNDP, 1982, pp. 11. Ar Yemen Arab. Rep.

48. LEONARD, D. K., Disintegrating agricultural development. Stanford University, Food Research Institute studies, 1984, v. 19 /2/, pp. 177 - 186. En Kenya

49. MONDJANAGNI, A. C., Participation populaire au développement en Afrique noire. / People's participation in development in Black Africa /. Séminar reports series / Panafriican Institute for Development No. 2, 1984. Editions Karthala, Paris, 1984, pp. 448.  
ISBN: 2-86537-113-1 En Africa

Presents problems of social participation in rural integrated development, social stratification, role of women, rural cooperatives, management, agricultural population, primary health care, psychological aspects, participatory research, annotated bibliographies.

50. MÜLLER, J. O., European Economic Community. - Togo. Enquête sociologique „Le paysan face au développement“. /Sociological questionnaire „A peasant facing the development“/ T. - Münich, - I. - F. - G. - Institut für Wirtschaftsforschung, 1965, pp. 192, tables. Fr Togo

Togo. Report on a survey financed by the EEC, for purposes of national planning during the period from 1966 to 1970, of rural development activities and the sociological aspects thereof - covers cultivation tech-

niques in agriculture, manpower questions, rural cooperatives, technical assistance, and the attitude of the rural worker towards development.

51. NICOLAS, G., Developpement rural et comportement economique traditionnel au sein d'une societe africaine. /Rural development and economic involvement traditional for an African Society/. Geneve-Afrique, Acta Africana /Geneve/, v. 8 /2/, 1969, pp. 18 - 35. Table, microfilm.  
Fr Niger

Case study of traditional behaviour of rural workers in the Maradi developing area of Niger as an illustration of difficulties connected with the implementation of rural development programmes covers the social structure in rural areas, the supply and demand for agricultural products, sociological aspects, cultivation techniques, rural cooperatives, etc. references.

52. NZIMIRO, I., The Green Revolution in Nigeria, or modernization of hunger. Zim Pan-African Publishers, Oguta, Imo State, 1985, pp. 102.  
ISBN: 978-215-000-2  
En Niger

The first part of the book is derived from a paper presented at the First National Conference on the Green Revolution, held at Ahmadu Bello University, Zaria, Nigeria in September 1981. The second part was originally a paper read at one of the seminars on cooperatives in Nigeria held at the University of Nigeria, Nsukka in 1980. It argues that the Green Revolution programme promotes capital methods of farming which involve only the rich farmers to the exclusion of the poor peasants. This rich class call on their European counterparts to supply the technical, managerial and financial inputs, all of which deepens Nigerian dependency on the capitalist world and increases its financial indebtedness. The book examines all these facets from the historical angle and maintains that the peasants' lands will be taken away, creating land hunger, that the prices of foods produced will be high and out of reach of the majority of the population. It is concluded that by this process hunger has been modernized.

53. PATIL, M.B., Rural public distribution and the co-operatives. Rural development in India: a multi-dimensional analysis: essays in honour of Professor K. Venkatagiri Gowda / edited by T. K. Lakshman, B. K. Narayan. Himalaya Publishing House, Bombay, 1984, pp. 192 - 199.  
En India

54. TAIMNI, K. K., A new breed of rural leadership. India's burgeoning cooperatives are transforming lifestyles and political relationships. Ceres - FAO Review on Agriculture and Development, FAO, Ceres, 1985, v. 18 /5/, No. 107, pp. 31 - 33.

En India

55. TAO, K. H. D., Sotsjalisticheskie preobrazovaniia ekonomiki Vietnam'a. /Socialist transformations of Vietnam's economy/. Voprosy Ekonomiki, Moscwa, v. 7/10/, 1980, pp. 107 - 115.

Ru Vietnam

Vietnam. Article examining the need for and priorities of the socialist transformation of the existing economic system in the southern region - Reviews regional disparities between the need for the end of private ownership of the means of production, the reaction of agricultural cooperatives, the use of economic planning, etc., and recalls the recommendation of the 4th Congress of the communist political party concerning economic development. References and statistical data.

56. SILVA, J. P., The role of rural institutions in agrarian transformation for rural development : the case of Cape Verde. Workshop on the Transformation of Agrarian Systems in Centrally Planned Economies in Africa. Arusha / Tanzania /, 1983, pp. 107.

En, fr Cape Verde

Presents rural development and institutions, role of cooperatives.

57. Somalia : socio-economic aspects of agricultural cooperatives' organization. Somali National Univ., Mogadiscio - FAO, Rome, 1983, pp. 24.

En Somalia

HISTORY OF CO-OPERATIVE MOVEMENTS,  
HISTORICAL ARCHIVES

See also: 65, 69, 80, 84, 96, 169, 264

58. ANANGISYE, E., Conditions necessary for successful agricultural cooperatives in Africa. ICA, Moshi, 1985, pp. 40.

En Africa

Presents historical analysis of agricultural cooperatives, production cooperatives, cooperative farming.

59. BRAHME, S., Producers' cooperatives : experience and lessons from India. International Instituut voor Sociale Studien, papers No. 99. The Hague, 1984, pp. 39.  
ISBN: 90-6490-013-2  
En India  
Presents agricultural cooperatives, farmers, low income, fishermen, historical analysis.

60. MORIN, C., Les rapports de production dans l'agriculture latino-américaine : le „probleme agraire“ devant l'histoire. Travaux et documents - Universite d' Ottawa, Institut de cooperation internationale, Serie G/2/, 1977, pp. 18. /Report on production in Latin-American agriculture: agrarian problem during history. Working papers./  
Fr Latin America

61. PUEYO, A., Traditions et cooperation au Maroc. /Cooperative movement traditions in Morocco/. /Offprint from - Revue des Etudes Cooperatives, NO. 140, 1965./. Paris, 1965, pp. 21.  
Fr Morocco  
Morocco. Study of rural cooperatives - tradition and teachings of the Moslem /Religion/ as a favourable basis for the cooperative movement in the country, legal aspects, economic implications, types of cooperative, etc. /Some 15 references/.

62. TIANO, A., L' experience du secteur public de production au Maghreb depuis L'independance.  
/Experience of public sector of production in Maghreb after the independence/. Revue Algérienne des Sciences Juridiques, Politiques et Economiques /Alger/, Jun 1968, v. 5 /2/, pp. 327 - 371. tables. Microfilm.  
Fr Algeria  
Comparative Study of developments in the public enterprise Sector in Algeria, Morocco and Tunisia since decolonisation - covers Agrarian Reform, the establishment of rural cooperatives and production cooperatives, agriculture and the industrial structure, etc., and refers largely to nationalization in Algeria and to the system of workers participation in the management of collective farm units and industrial enterprises in that country. /Statistic and references/.

63. WASSERSTROM, R., Oral histories from the Paraguayan cooperative movement /Rural aspects, peasant migration/. Grassroots development 1982 7 1983, v. 677, 72717, pp. 46 - 52.  
En Paraguay

**SITUATION OF THE CO-OPERATIVE MOVEMENT IN GENERAL  
AND BY COUNTRY AND AT DIFFERENT LEVELS**

See also: 5, 26, 114, 169, 186, 203

64. IBRD: Agricultural Development and Credit in the Union of Burma. Washington, 1974, v. 1.  
En Burma

IBRD PUB. - IDA PUB. Mission Report assessing potentials for accelerating agricultural development in Burma and the contribution to be made by agricultural credit institutions - includes information on the agricultural sector, agricultural policies of the decade 1964 to 1974, agricultural cooperatives, development potential and development policy, external technical assistance and financing needs. Flow charts, maps and statistical tables.

65. AYYAR, V. K., CREWS, C. R., VAN WARMELLO, W., MARRIOTT, A. C.,  
ILO - Report to the government of Burma on the development of co-operatives. Geneva, 1955, pp. 197, tables  
En Burma

ILO. PUB.: Project reports on the development of cooperatives in Burma - contains an historical survey of the cooperative movement in Burma, comments on relevant legislation, covers various types of cooperative, /incl. rural cooperatives, consumers cooperatives, production cooperatives, marketing cooperatives and fishery cooperatives/, cooperative education, etc., and includes recommendations.

66. AWAD, M. H., Cooperatives as instruments of rural development in the Sudan. Regional Expert Consultation on the Role of Rural Co-operatives in the Productive Sectors in Africa. ECA, Addis Ababa, 1985, pp. 20.  
En Sudan

Presents cooperative movements, rural cooperatives, rural development, production cooperatives, agricultural cooperatives.

67. COLOMBAIN, M., ILO - Rapport au gouvernement du Royaume du Maroc sur les Conditions du Developpement du Mouvement Cooperatif.  
/Report by the Government of the Kingdom of Morocco on the conditions of cooperative movement development/. Geneva, 1958, v. 2, pp. 40.  
Fr Morocco

ILO PUB. Project report on the development of the cooperative movement in Morocco - Surveys the present situation, covers credit cooperatives, rural cooperatives, consumers cooperatives, cooperative education, etc., comments on relevant legislation and includes recommendations in respect thereof.

68. Le Dahomey et son port. /Dahomey and its port/. Europe France outremer, Paris, 1965, pp. 9 - 59.  
Fr Benin

Series of articles on Benin : Infrastructure, economic agreements with Niger, Trade Unions, education, economic development, agriculture, financial questions, trade, industries, fisheries, public administration, cooperatives, tourism, railway transport, maritime questions. /General Study. Several illustrations, maps/.

69. ILO Guinee - Bissau: Developpement des cooperatives des anciens combattants de la Liberte; Constatations, conclusions at recommandations de la mission du consultant du bit.  
/Guinea - Bissau : Development of cooperatives of old veterans for freedom. Conclusions and recommendations of consulting mission of Bit./  
Genève 1981, v. 9, annexes.

ISBN: 92-2-202852-X

Fr

Guinea-Bissau

ILO: PUB.: Mission report - Consultant report on the development of cooperatives in Guinea - Bissau - presents findings on the existing pre-cooperative associations of veterans, discusses legal aspects /statues/ and the prospects for establishing a proper cooperative movement, and includes recommendations addressed to the Guinean Ministry of Veterans.

70. HARRIS, L., Agricultural co-operatives and development policy in Mozambique. Journal of peasant studies, London, 1980, v. 7 /37, pp. 338 - 362.  
ISSN : 0506-6150

En

Mozambique

Article analysing problems of rural social class cooperation in agricultural cooperatives in Mozambique - based on 1978 field work, examines social conflict in Edouardo Mondlane cooperative in Gaza Province in View of Socialist Development Policy Objectives to break from capitalistic means of production, and argues that agricultural cooperatives sometimes hinder the construction of communal villages.

71. HIRSCHFELD, A., Quelques donnees sur le mouvement cooperatif au Maroc. / Some data on the cooperative move-

ment in Morocco /.

Paris, 1975, v. / 181 /, pp. 19 - 37.  
Fr Morocco

Article on development prospects for the cooperative movement in Morocco - includes references and statistical tables.

2. HOLMEN, H., Agricultural co-operatives in the rural development of Egypt. A comment  
Annals of Public and Cooperative Economy, 1985, Vol. 56, No 4, pp. 11.  
En Egypt

The paper indicates some of the difficulties surrounding and governing the use of Egyptian agricultural cooperatives as a vehicle for rural development and democratization, and examines several of the changes that have occurred in Egyptian agricultural policy. Cooperative problems identified include : the complaint that peasants are not loyal to their cooperatives; structural confusion; credit difficulties; competition from both private and public organizations; little political power; and an ambivalent government stance. It is unclear whether the cooperatives belong to the public or private sector and no cooperative strategy has been adopted. The state does not seem to want a financially self reliant /and thus independent/ cooperative movement and it is unlikely a cooperative bank will be established in the foreseeable future. It is concluded that Egypt is still looking for an acceptable strategy for future agricultural development.

3. Cooperative development in the Democratic Republic of the Sudan. Prepared by COPAC Secretariat. Co-operative Information Note 1. Agrarian Reform Div. FAO, Rome, Dec. 1980, pp. 45, 5 tables.  
En Sudan

Proposed organization and policies for cooperative development in Sudan spec. national and international assistance to cooperative activities in agriculture, industry, transformation, housing and training.

4. MARSAN, J., ILO - Rapport au Gouvernement du Royaume du Maroc sur la situation et le développement du mouvement coopératif. / Report by the government of the Kingdom of Morocco on the situation and development of cooperative movement /. Geneva, 1966, pp. 19.  
Fr Morocco

ILO PUB. Project report on cooperative development in Morocco - covers rural cooperatives, production cooperatives, handicrafts and consumers cooperatives, and in-

cludes recommendations concerning government policy, financial and legal aspects, and administrative aspects of cooperative planning etc.

75. McFADYEN, J., MARAHRENS, F. W., ILO - Report to the government of Burma on the development of the Union of Burma Cooperative wholesale Society, Geneva, 1956, pp. 66, iflus., tables.

En

Burma

ILO PUB.: Project report on wholesale trade cooperative organization in Burma - includes consumers cooperatives, production cooperatives, marketing cooperatives, etc., and contains comments and recommendations in respect of financial and administrative aspects thereof, business organization, capital investment, etc.

76. OVIDE - ETIENNE, G., DEFRANCE, G. G., La cooperation agricole d'outre-mer /Agricultural cooperation in French Overseas Departements /DOM/. Agriculture et Cooperation, 1985, No 82, pp. 10.

Fr

Martinique, Guadeloupe,  
French Guiana,

A series of articles reviews the agricultural sectors of Martinique, Guadeloupe, French Guiana and Reunion, with particular emphasis on the state of agricultural cooperatives. The general economic and demographic characteristics of these islands are briefly outlined in the first article /G. Ovide - Etienne/. The next short article describes the agricultural cooperative movement from 1960 - 65 to the present. The agricultural situation and prospects and the role of agricultural cooperatives in the four Departments are analyzed in a separate article /G. C. Defrance/. Economic comparisons with Caribbean countries and an interview with the French Secretary of State for the Departements, on agricultural policy issues, constitute two other articles in this series. More articles in the series are expected to be published in the next issue of Agriculture et Coopération.

77. POLINO, H. T., El sector agropecuario y el cooperativismo en la Argentina /The agricultural sector and the cooperative movement in Argentina/. Realidad Económica, 1985, No 67, pp. 26.

Es

Argentina

Although Argentina has an apparent comparative advantage in cereal and beef production, the introduction of improved technology to increase output and productivity has posed problems. Structural changes were needed to make the best use of traditional production systems. The article examines the role of cooperatives

- in achieving these changes, particularly the change which have been possible since 1983, the end of the military government.
78. COCO, P. D., Production and rural development co-operatives in the Peoples Republic of Benin. ECA, Addis Ababa, 1985, pp. 14.  
En Benin  
Presents problems of rural cooperatives : agricultural cooperatives, industrial cooperatives, role of cooperative movements in rural development.
79. SEIBEL, H. D., Das Liberianische Genossenschaftswesen. /The Liberian cooperative movement/. Zeitschrift für das gesamte Genossenschaftswesen /Göttingen/, Jan - Marz 1970, v. 20 /1/, pp. 61 - 70.  
De Liberia  
Article on the cooperative movement in Liberia, with particular reference to rural cooperatives and credit cooperatives - includes group work performed in agriculture, change over to capital intensive production and cultivation techniques, etc.
80. SHAW, T. M., GRIEVE, M. J., Africa and the environment : the political economy of resources, Dalhousie University, Halifax, 1977, pp. 34.  
/Conference of the Canadian Association of African Studies, 7th, Sherbrooke, Que., 3 - 6 May 1977/.  
En Africa  
Describes the economic, historical, political and environmental constraints to Africa's development, from within and without the continent, which explain dependence of economic growth, social change and political development on international relations and problems of the global economic systems.
81. TENDLER, JUDITH., HEALY, KEVIN., O'LAUGHIN, Carol MICHAELS., What to think about cooperatives: A guide from Bolivia. Inter-American Foundation, 1983, v. 59, pp. 272.  
En Bolivia  
82. THAKUR, S. Y., Rural industrialisation in India : strategy and approach. New Delhi, Sterling, 1985, pp. 143.  
En India  
83. QURAISHI, M. A., Indian agriculture and rural development : then and now. Delhi, B. R. Pub., 1985, pp. 276.  
En India  
84. WAGNER, R., L'impact socio-economique des co-operatives agricoles en Republique Dominicaine.

/Socio-economic impact of agricultural cooperatives in Dominican Republic/.

Theses Canadiennes, Universite de Sherbrooke, Sherbrooke, 1981, pp. 331.

ISBN: 0-315-08200-3

Fr

Dominican Rep.

85. WELTY, G. C., ILO Republique du Burundi : Developpement du Mouvement Cooperatif : Resultats du projet et recommandations en decoulant.

/Burundi Republique : Development of cooperative movement. results of the project and some recommendations/. Geneva, 1975, v. II, pp. 38.

ISBN: 92-2-201448-0

Fr

Burundi

ILO PUB.: Project report and recommendations on the development of the cooperative movement in Burundi - includes considerations on the institutional framework, legal aspects, agricultural credit, economic sectors open to cooperatives /incl. coffee, tea, fish culture, etc./ and cooperative activities in connection with UNDP, FAO Development Projects.

### III. CO-OPERATIVES TYPES

#### AGRICULTURAL CO-OPERATIVES

**See also:** 4, 12, 13, 17, 18, 21, 22, 24, 26, 28, 39, 44, 46, 47, 49, 50, 53, 55, 56, 57, 58, 61, 62, 65, 66, 70, 72, 73, 76, 77, 78, 81, 84, 102, 169, 178, 180, 190, 191, 196, 206, 214, 215, 220, 229, 230, 232, 236, 238, 254, 255, 256, 259, 261, 267, 268, 269, 272, 273, 287, 290, 291, 293, 299, 300

86. BHADURI, A., Agricultural co-operatives in North Vietnam. ILO, Geneva, 1979, v. IV, pp. 37.  
En Vietnam

Working Paper on the cooperative movement in relation to agricultural cooperatives in North Vietnam - discusses mobilisation of rural worker involvement in cooperation, the role of agricultural technology, economic implications of family land tenure, state purchasing of agricultural products, etc. references and statistical tables.

87. Cooperativismo em numeros dados gerais sobre as cooperativas paulistas: frutas de mesa e tomate: sintese da analise das cooperativas de cafe. /Cooperation in numbers/. Sao Paulo, Departamento de Cooperativismo, 1979, pp. 86.-  
Pt Brazil

88. Establishment of Cooperatives for Small Farmers /Preparatory Assistance/ Zimbabwe Terminal statement. FAO, Rome, 1986, pp. 4.  
En Zimbabwe

89. Les practiques cooperatives en milieux rural africain /Application of cooperative practice in rural African environment/. Gentil, Dominique. Paris, L'Harmattan, 1984, bibliography: pp. 146 - 147.  
Fr Africa

90. GILL, M. S., Agriculture cooperatives : a case study of Punjab. New Delhi, Vikas, 1983, pp. 560.  
ISBN 0-7069-2371-5  
En India

91. HEFETZ, D., ILO; Rappaport au Gouvernement de la Republique du Niger sur la creation de Cooperatives Rurales et la Formation de leurs Dirigeants. /Report of Government of the Niger Republic on the creation of rural coops and the formation of their management/ - Geneva, 1964, pp. 19, tables.  
Fr  
Niger

ILO PUB. NIGER. Project reports on financial and administrative aspects of the organisation and creation of rural cooperatives, and establishment of a training programme for managers of these cooperatives within the framework of regional planning and rural development.

92. MAUNG, M., Agricultural co-operation in Burma - a study on the value-orientation and effects of socio-economic action. - Social and Economic Studies 7Kingston/, v. 14/4/, pp. 321 - 338, Dec. 1965, tables.  
En  
Burma

Burma. The rural cooperative movement - resultant economic growth and social change. Rise in trade in agricultural products. Description of the administrative aspects of the cooperative structure. Introduction of economic planning in the food industry. The continuing major role of religion and tradition in society. /References as footnotes/.

93. SEIBEL, H. D., Traditional cooperatives among the Kpelle in Liberia. Guetersloh, Bertelsmann Universitatsverlag, 1968. /In - Oberndorfer D. Africana Collecta - Beitrage zum Studium von Politic, Gesellschaft und Wirtschaft Afrikanischer Lander, pp. 115 - 128/.  
En, de  
Liberia

Article on research into trends in the modernisation of traditional forms of rural cooperative in the Kpelle Region of Central Liberia - covers the system of works cooperatives aimed at increasing labour productivity on farms and plantations, credit cooperative activity, business organization and economic implications of rural cooperatives, working conditions under such cooperative organisation, etc., bibliography.

94. SEIBEL, H. D., MASSING, A., Indigenous Economic Cooperation in Liberia. Princeton University, 1969, pp. 109.  
Em, fr, ru, es, it  
Liberia

Research study of traditional forms of cooperative systems organised by tribal populations in Liberia - covers agricultural cooperatives, cooperative farming, credit cooperatives, etc., bibl. pp. 108 and 109, map.

95. SETH, A. N., Peasant organizations in India. Cooperative Activities, Delhi, B. R. Pub., 1984, pp. 174.  
En India
96. SRIVASTAVA, R. K., LIVINGSTONE, I., Growth and distribution : the case of Mozambique. ILO, Geneva, 1981, v. IV, pp. 53.  
ISBN: 92-2-102727-9  
En Mozambique
- ILO. PUB. Working Paper on implications of overall economic development trends for rural development in Mozambique - outlines economic growth, farm size, agricultural production, rural employment, etc., UNDEP PRE-1975 colonialism, and analyses balance of payments, agricultural cooperative, agricultural policy and other changes since independence. Diagrams, graphs, and references.
97. STETTNER, L., Chinese co-operatives: their role in a mixed economy. Plunkett Foundation for Co-operative Studies, Oxford, 1984, pp. 68.  
ISBN: 0-85042-066-0  
En China
- Presents agricultural cooperatives and agricultural policy. Bibliography.
98. TEKA, T., Producers co-operatives and rural development in Ethiopia. ECA, Addis Ababa, 1985, pp. 26.  
En Ethiopia
- Presents problems of rural cooperatives, agricultural cooperatives, rural planning, production cooperatives, agricultural population, agricultural policy, agrarian reform.
99. VOZZA, G. M., Ecuador: the crisis of rural cooperatives and the quest for alternatives. Ideas and Action Bulletin, FAO, 1985, No 164, pp. 3 - 7.  
En, es, fr Ecuador

#### AGRICULTURAL MARKETING CO-OPERATIVES

See also: 8, 10, 12, 24, 30, 65, 75, 125, 197, 209, 227, 228, 285, 291, 292

100. ABBOT, J. C., Food and agricultural marketing in China. Marketing and Credit Service, FAO, Rome, 1986, Vol 2, No 2, pp. 44 - 62.  
En China

Marketing structure in China is considered in terms of co-operatives, trading companies, prices, consumer services, the production responsibility system /Shifts in consumption patterns, private wholesaling, advertising/, and commodity marketing systems /grain, meat, egg and poultry, vegetables, fruit, milk/. Future marketing developments in China are also mentioned.

101. Agricultural cooperative marketing with special reference to export trade. Market planning and Design Centre, Faridabar /India/. FAO, Nagpur, 1980, pp. 7.  
En India

102. BAVISCAR, B. S., Milk and sugar : a comparative analysis of cooperative politics. Discussion paper / Institute of Development Studies No 208. At head of title: Agriculture and rural problems; public policy. Brighton, Institute of Development Studies, 1985, pp. 24.  
En India

Presents agricultural cooperatives, cooperative marketing, political aspects.

103. CHIANG, S. W., BLAICH, O. P., Argentina's grain marketing system. Washington, D. C. The Service. ERS staff report - United States Dept. of Agriculture. Economic Research Service, Nov. 1983, pp. 23.  
En Argentina

This report describes the Argentina grain marketing system as it developed under alternating periods that were market oriented and Government controlled. It describes the operations of the system from farm to export locations including such characteristics as storage, transportation, handling equipment, and ownership. It discusses various notions of efficiency and performance. Descriptors : feed grains; food grains; marketing; export; storage; rail transport; cooperatives; elevators; efficiency.

104. CLARKE, J. G., OSTERGAARD, CH. M., LAMPRECHT, R., SAEFULROCHMAN, F., ADNANI, A. T., Cooperative marketing development for KUDs and farmer groups. Based on the work of J. G. Clarke, Ch. M. Ostergaard, R. Lamprecht, F. Saefulrochman, A. T. Adnani. FAO, ESH - INS, 1983, pp. 58.  
En Indonesia

105. ELMER, S., Technical assistance for marketing and cooperatives, Somalia. FAO, Rome, 1985, pp. 17.  
En Somalia

106. Field handbook on cooperative marketing for higher returns from agricultural produce new twenty point programme and productivity year 1982. National Cooperative Development

Corporation and Dept. of Agriculture and Cooperation, Ministry of Agriculture, Govt. of India, New Delhi, 1982  
En India

107. FOLDVARI, J., Report to the Government of the Union of Burma on Co-operative Marketing. ILO Geneva, 1968, pp. 22.  
En Burma

ILO PUB. Project report on marketing co-operatives in Burma - Surveys the present situation, covers economic policy, financial aspects, credit, etc., and includes recommendations in respect thereof.

108. GUPTA, R. V., Problems and prospects of strengthening cooperative marketing of fertilisers. FAO Seminar 1984 on Productivity, Cost Reduction and Subsidy in Fertilizer Industry; proceedings of the seminar held at New Delhi from December 13-15, 1984. New Delhi, Fertiliser Association of India, 1985.  
En India

109. GUPTA, R. V., Role of cooperatives in food marketing and its contribution to food security. Six country reports. Based on the work of R. V. Gupta. FAO, Bangkok, 1985, pp. 157.  
En Asia, Oceania

110. List of government and cooperative marketing organizations for agricultural produce and production inputs in developing countries. FAO, Rome, 1985, pp. 66.  
En Developing countries

111. MATHEMA, P. R., Ways and means of promoting small farmers' group marketing. Regional Group Consultation of National Coordinators Under Small Farmers Marketing Improvement Programme. Seoul, 30 Oct - 2 Nov 1984. Small farmer marketing improvement in Asia and the Pacific. Report. FAO, Bangkok, pp. 60 - 66., 1985.  
En Asia, Pacific

112. RANADE, C. G., RAO, K. H., SAH, D. C., Groundnut marketing a study of cooperative and private trade channels. Centre for Management in Agriculture, Indian Institute of Management, Ahmedabad, 1982, No 82, pp. 87.  
En India

113. SHOLANKE, V. O., The role of cooperatives in agricultural produce marketing. Crop marketing and input distribution in Nigeria. Feldman, D. J. P., 7ed/; Idachaba, F. S., 7ed.7 Agricultural Development, Ibadan, 1984, pp. 71 - 73.  
En Nigeria

114. Small farmer marketing improvement in Asia. Report on Country-level Workshops under Small Farmer Marketing Improvement Programme. FAO, Bangkok, 1984, pp. 120.  
En Asia

## AGRICULTURAL MACHINERY CO-OPERATIVES

115. WUYTS, M., Mechanization of present-day Mozambican agriculture. Development and change, London, 1981, v. 12, p. 1-27.  
En Mozambique

Article analysing effects of agricultural mechanization on social forms of agricultural production in Mozambique - examines agrarian structure providing labour supply to mining during colonialism, breakdown of colonial rural economic structures at independence /role of South Africa/, introduction of collective farming and cooperative farming, choice of technology to boost food production, impact on economic growth and rural migration, and sees need to increase agricultural employment possibilities.

## CO-OPERATIVE FARMING /FARMING GROUPS/

See also: 2, 3, 4, 20, 42, 52, 57, 58, 59, 83, 94, 127, 175,  
178, 181, 187, 192, 198, 257, 263, 295



Presents collective farming, centrally planned economy, rural cooperatives.

117. DEJENE, A., Smallholder perceptions of rural development and emerging institutions in Arssi region since the Ethiopian revolution. Cambridge, Mass.: Harvard Institute for International Development, 1985, pp. 244.  
En Ethiopia

Presents problems of small farms, attitudes, productivity, rural planning, innovations, agricultural cooperatives, peasantry, agricultural extension.

118. GENTILI, A. M., Da Lourenco Marques a Maputo: la trasformazione delle aree agricole suburbane. /Lourenzo Marques of Maputo: the transformation of the suburban farming areas/. Instituto Italo-Africano, Rome, 1985, V. 40 /2/, pp. 183 - 219, maps.  
It Mozambique
119. De JONG, G., The socio - economic survey in Shiban Cooperative: recommendations for Wadi Hadramaut Extension Service. Aden, 1984, pp. 11.  
En Yemen
120. MAIRICH, L., Problemas del desarrollo de co-operativas agropecuarias en Nicaragua. /Problems in the development of farming cooperatives in Nicaragua/. Beiträge zur tropischen Landwirtschaft und Veterinärmedizin. Karl-Marx-Universität. Leipzig, 1985, V. 23 /1/, pp. 13 - 24.  
Es Nicaragua
121. MORGAN, R. G., Some notes on the future role of the Botswana Livestock Development Corporation /BLDC/ and the relationship with the Ngamiland cooperatives. Proceedings of the Symposium on Botswana's First Livestock Development Project and 1st Future Implications /Robert K. Hitchcock, ed. Univ. College of Botswana, Gaborone, 1982, pp. 137 - 139.  
En Botswana
122. NEWIGER, N. J., New approaches to cooperatives and other farmers' organizations. Land Reform, Land Settlement and Cooperatives. FAO, 1983, /No. 1/2/, pp. 25 - 39.  
En, es, fr Worldwide  
  
Presents farmers associations, rural cooperatives, problems of rural poor and social participation.
123. OSUNTOGUN, A., ADEYEMO, R., ANYANWU, E., The adoption of innovation by cooperative farmers in Nigeria. Tropical agriculture, 1986, V. 63 /2/, pp. 158-160, 164.  
En Nigeria
124. PÖSSINGER, H., Landwirtschaftliche Entwicklung in Angola und Mozambique. /Development of farming in Angola and Mozambique/. IFO - Institut für Wirtschaftsforschung, Munich. Weltforum Verlag, 1968, pp. 284, illus., tables, maps.  
De Angola, Mozambique  
  
Research Report on Agriculture in Angola and Mozambique - covers demographic and geografical aspects of the country, historical aspects and the role of Portugal, rural development, plantation and farm organisations, rural cooperatives, living conditions of rural workers,

economic implications of agricultural production, etc., bibliography, pp. 276 and 277.

125. SARGENT, M. J., SEY, A. S., Co-operative vegetable growing and marketing in the Gambia. Agricultural administration, 1986, V. 21 /2/, pp. 67 - 79.  
En Gambia
126. SHIBAB, F. A., De JONG, G., The socio - economic survey in the Zingibar Co-operative: recommendations for Abyan Extension Service. Aden, 1984, pp. 4.  
En Yemen Dem. Rep.
127. VLAENDEREN, G., Van., Northern Togo: sheep husbandry development programme. World animal review, FAO, Rome, 1984, 753/, pp. 19 - 26.  
En Togo
128. VARHAGEN, K., The promotion of small farmer cooperative action and organization: basic elements of an Action-Programme developed in South and South-East Asia. Land Reform, Land Settlement and Cooperatives, FAO, 1984, no 1/2, pp. 29-53.  
En, es, fr South and South-East Asia

#### AGRICULTURAL PROCESSING CO-OPERATIVES

See also: 283

129. CHAKRABORTY, B. K., CHAUDRY, S. S., ALEX, K. A., JACOB, G., SONI, G., Application of the lactoperoxidase system for preserving buffalo milk produced in Indian villages. Nat. Dairy Development Board, Anand, Gujarat, India. Milchwissenschaft, 1986, Vol. 41, No 1, pp. 16 - 19.  
En, de India

Buffaloes' bulk milk, from 10 - 15 producers in the Anand region of India, was treated with NaSCN at 15 p.p.m. and H2O2 at 10 p.p.m. about 3 h after milking. During storage at 37 deg C, treated milk could be kept for 11,5 h without spoiling vs. 8.5 h for untreated milk. Shelf-life could be extended for a further 1 h by sterilizing the milk cans with a 3 min rinse in a solution containing Cl at 400 p.p.m. Addition of NaSCN at 75 p.p.m. and H2O2 at 50 p.p.m. extended the shelflife to 15 h at 37 deg C. A booster dose of H2O2 at 35 p.p.m. added after 10 h extended the shelf-life to 18 h at 37 deg C. This 2-step lactoperoxidase treatment has been standardized for use in village cooperatives. Morning milk, preserved in this manner and stored in a cool place during the

day, is mixed with the afternoon milk and sent to the processing plant in the evening. During a 6-month trial in the summer of 1983, the keeping quality of buffaloes' milk received at the dairy was greatly improved.

130. LAHAV, R., The latest in poultry processing from Israel.  
Food Review, 1985, Vol 12, No 3, pp. 27-29.  
En Israel

New procedures employed by the poultry cooperative of Hod Hefer, Israel's largest slaughterer, processor and exporter of chicken and turkey area discussed. Use of mechanically recovered chicken /MRC/ in franks is described, as regards MRC quality, equipment required /for MRC and frank production/, and operational details. Vacuum tumbling of turkey meat in a modified continuous vacuum ham tumbler, features of which are listed, to produce 5 mm thick hand-sliced breast schnitzels is outlined. Tumpling conditions, are given for several other possible products, i.e. boneless thighs and breast halves.

131. POLYDOROU, K., Cyprus: the need for rural slaughterhouses: a case study. World animal review, FAO, Rome, 1985, 7547, pp. 16 - 23, maps..  
En Cyprus

#### AGRICULTURAL IRRIGATION

See also: 9

132. De WILDE, J. C., Experiences with agricultural development in tropical Africa. IBRD, Baltimore, Johns Hopkins Press, Baltimore, 1967, V. 2, tables, diagrs., map.  
En Kenya, Nigeria, Chad, Burkina Faso  
Ivory Coast, Tanzania

Analysis of rural development in Tropical Africa - comprises two volumes 1/ covering demographic aspects, living conditions of rural workers, animal production and cultivation techniques, use of agricultural machinery, land tenure, rural cooperatives, etc., and 2/ consisting of case studies of irrigation, soil conservation, plantation and land settlement in Kenya, Nigeria, Chad, Burkina Faso, the Ivory Coast and Tanzania.

## FISHERIES

See also: 58, 65, 68, 105

138.

133. BEN-YAMI, M., Fishermens organizations and their special needs. Rome, 1983, pp. 19.  
En Worldwide

Presents-field document - Fishermen,- UNDP project; Cooperatives; Basic needs; Social participation:, Government role; Associations.

134. PAK-POY /P. G./ and Associates /Malaysia/ Baseline and socio-economic studies /fishing communities, Besut District, Malaysia/. V. 1.: Main report. - V. 2. Appendices. FAO, 1982, V. 2.  
En Malaysia

139.

Presents socioeconomic organization, fishery product marketing, rural sociology, household, living conditions, incomes, fishing operations, cooperatives, marketing organization, fishery credit.

135. MEYNELL, P. J., Fishery cooperatives in developing countries. Plunkett Foundation for Cooperative Studies, Oxford. Plunkett Development Series, No. 8. Oxford, Plunkett Foundation for Co-operative Studies., 1985, pp. 69.  
ISBN 0-85042-072-0

En Developing countries

140

136. MEYNELL, P. J., Small scale fisheries cooperatives: some lessons for the future. COPAC occasional paper No. 2, Rome, 1984, pp. 53.  
En Developing countries

Presents agricultural cooperatives, fishery industry, small-scale industry, fishery development, bibliography.

137. WIJKSTOEM, U., Recyclage des personnels peche, en gestion et comtabilité. Rapport de mission effectuée au Benin du 14 mai au 10 juin 1984. /Recycling of fishermen personnel management and accounting. Report of mission in Benin, May 14 - June 10, 1984/. Rome, Jun 1984, pp. 19.

Fr Benin

See

141

CREDIT FOR FISHERMEN'S CO-OPERATIVES  
INSURANCE, MARKETING AND PROCESSING

**SRIVASTAVA, UMA K., Inland fish marketing in India.** Indian Institute of Management, Ahmedabad; New Delhi : Concept, 1985, v. 8, maps, tables.

En India

Contents : V. 1. Overview : summary and conclusions - V. 2. Fish seed production and marketing - V. 3. Fresh water culture fisheries - V. 4-A. Reservoir fisheries - V. 4-B. Case studies and profiles of selected major reservoirs - V. 5. Riverine fish system - V. 6. Brackish water culture, estuaries, lakes, and swamps - V. 7. Markets, cooperatives and corporations - V. 8. Data base for planning and control.

**VAN DER MEEREN, A., Cooperatives de femmes de pêcheurs pour la transformation et la commercialisation du poisson.** Rapport de fin de projet. Document de travail 1. /Fishermen's wives cooperatives for fish processing and Marketing/. Benin/. End-of-project report/. Rome, 1984, pp. 19. Fr Benin People Rep.

MULTIPURPOSE CO-OPERATIVES

**. Reduction of Post-Harvest Food Losses Through the Establishment of Multipurpose Pilot Cooperatives, Somalia.** Terminal statement. FAO, Rome, 1986, pp. 5.

En Somalia

CREDIT AND BANKING CO-OPERATIVES

**also:** 23, 28, 37, 45, 64, 67, 79, 82, 85, 94, 123, 176, 200, 202, 207, 208, 210, 211, 213, 229, 287

**. Bangladesh agricultural credit review; a joint review by the Government of Bangladesh and the World Bank.** V. 1: Main report. - V. 2: NRC working papers. - V. 3: Statistical appendix. Government of Bangladesh, Dacca, International Finance Development Association, Washington. Bangladesh, 1983, v. 3.

En Bangladesh

142. BEDI, R. D., Cooperative agricultural development banking in India. National Council for Cooperative Training, New Delhi, 1985, pp. 381.  
En India
143. BELLONCLE, G., Etude sur le credit agricole dans trois villages de la region de Maradi /Niger/. /Study on agricultural credit in three villages of the Maradi region /Niger/, Communaute, Archives Internationales de Sociologie de la Cooperation et du Developpement /Paris/, Paris, 1974, V. /36/, pp. 47 - 74.  
Fr Niger
- Article on the functioning of credit cooperatives in three Hausa villages in Niger, with particular reference to agricultural credit resources and practices - includes references and statistical data.
144. HARTMAN, J. D., Agricultural credit; a global enigma. The Interstate, Danville, IL USA7, 1985, pp. 156.  
ISBN 0-8134-2446-1  
En Developing countries
145. JAMESON, K., Crediting Campesinos in Paraguay. Grassroots development, 1985, V. 9 /2/, pp. 25 - 31.  
En Paraguay
146. JOSHI, P. L., Institutional financing in India. Deep Publications, New Delhi, 1985, pp. 243.  
En India
147. JUCKER-FLEETWOOD, E. E., Money and finance in Africa. Praeger, New York, 1964, pp. 335.  
En Africa
- Study of monetary and financial questions such as central banks, rural credit cooperatives, financing, planning of economic development in Africa. Experience of Ghana, Morocco, Nigeria, Rhodesia, Zambia, Malawi, Sudan and Tunisia. Economics, 19 tables and charts, 1 map.
148. KURULKAR, R. P., Agricultural finance in backward region. Himalaya Pub. House, Bombay, 1983, pp. 223.  
En India
149. MADIMAN, S. G., Harnessing the financial system in support of /farm/ cooperative development in Indonesia: reorganization of the Cooperative Bank. Rome, 1984, pp. 12.  
En Indonesia
- Presents rural cooperatives, agricultural credit, financing, agricultural banks in Indonesia.

150. MARAHRENS, F. W., Report to the government of the Union of Burma on co-operative banking.  
Geneva, 1957, pp. 28, tables.

En

Burma

ILO Pub. Project report on banking and credit cooperatives in Burma - covers capital, financial and administrative aspects, savings promotion, etc., and includes recommendations.

151. PANY, RAJ KISHOR., Institutional credit for agriculture in India. Ashish Pub. House, New Delhi, 1985, pp. 483, maps bibl.

ISBN: 8170240093

En

India

152. SOOS, HELEN E., Ecuador private sector cooperatives and integrated rural development. Agency for International Development. Washington, 1986, V. 1, /various pagings/. En

Ecuador

153. VOGEL, R. C., The potential for rural savings mobilization: some evidence from Latin America. ESO - Ohio State University, Dept. of Agricultural Economics and Rural Sociology, Nov 17 - 20, 1980, pp. 169 - 192.

En

Latin America

This paper was presented at the Senior Management Workshop of the Caribbean Agricultural Credit Training Committee held Nov. 17 - 20, 1980, at Georgetown, Guyana.

The view is widely held that the primary role of financial institutions which serve the rural sector in developing countries is to provide abundant credit at subsidized low rates of interest in order to promote agricultural output and to redistribute income toward the rural poor. However, there is increasing evidence that subsidized low interest rates in agricultural loans have failed to achieve these two objectives. Because credit is fundible, it is difficult and costly, if not impossible, to tie subsidized credit to specific agricultural activities. In addition, recent studies focusing on the recipients of subsidized agricultural credit indicate that the main beneficiaries are not the rural poor, as credit is highly concentrated in large loans to relatively wealthy farmers. The purpose of the present paper is not to pursue these arguments further, but rather to examine the issue of the abundance of credit, that is, whether some alternative to the current approach might not facilitate a larger volume of credit for the rural sector in developing countries and thereby do more to promote agricultural output and redistribute income toward the rural poor.

154. WEINGROD, A., Reluctant pioneers - village development in Israel. Cornell University Press, Ithaca, 1966, v. XV, pp. 213, tables.

En

Israel

Analysis of refugee problems in the migration of Jews from Morocco to Israel - covers cultural factors, Land Settlement, rural cooperatives, human relations and community development, credit cooperatives, etc. /bibliography, pp. 205 to 208./

#### CONSUMER CO-OPERATIVES

See also: 6, 65, 67, 75, 205

155. CHAMPEAUX, J. P., Cooperation de consommation au Maroc. /Consumers cooperatives in Morocco/. Revue des Etudes Coopératives, Paris, v. 71/817, Jul-Sep 1975, pp. 39 - 50.

Fr

Morocco

Article analysing prospects for the development of consumers cooperatives in the Rabat urban area in Morocco - includes references.

#### WORKERS' PRODUCTIVE CO-OPERATIVES INDUSTRIAL /BUILDING, ETC./

See also: 19, 176, 203, 212

156. GOULLART, P., Report to the government of Burma in the Development of Industrial Cooperative societies - ILO, Geneva, 1959, v. II, pp. 64.

En

Burma

Project report on productionn cooperatives in Burma - contains general information on the existing position in regard to all types of cooperative in the country, and includes recommendations concerning organisation of more cooperative societies /with particular reference to industrial cooperative societies/ and cooperative education.

157. NICOLIER, J., Rapport au gouvernement de la Republique du Niger sur l'organisation des cooperatives de construction et de transports. /Report by the Government of Niger

~~Republic on the organization of building and transport coops?~~. ILO, Geneva, 1966, v. II, pp. 19, table.  
Fr Niger

ILO Pub. Project report on the organisation of production cooperatives, with special reference to the construction industry in Niger, surveys the present situation, covers financial and administrative aspects, and includes recommendations in respect thereof.

ARTISANAL HANDICRAFT CO-OPERATIVES  
OF DISABLED PERSONS

158. BONETE, Y., Rapport au Gouvernement du Royaume du Maroc sur l'artisanat. /Report by the Government of the Kingdom of Morocco on handicraft/. ILO - UNDP, Rabat, 1983, pp. 39.  
Fr Morocco

Project report on handicraft promotion in Morocco describes the general situation concerning credit, apprenticeship, training, production cooperatives; presents an analysis of branches producing textiles, ceramics, wood, metal and leather goods; considers research and marketing issues; includes recommendations. Graphs and diagrams.

159. DEMAIN, H. M., ILO - Rapport au Gouvernement de la Republique du Togo sur la situation et les possibilites de creation et de organisation de l'artisanat Togolais. /Report by the Government of Togo Republic on the situation and possibilities of creation and organization of handicraft in Togo/. Geneva, 1968, pp. 129, tables.  
Fr Togo

Project report on the possibilities of improving handicraft industries in both rural and urban areas in Togo - comprises information on the present situation and recommendations, and covers also the possibility of cooperative organisation in the fields of handicrafts.

160. GRASSI, M. P., Report to the Government of the Republic of Somalia on the development of handicrafts and small-scale industries. ILO, Geneva, 1963, v. V, pp. 112, table.  
En Somalia

Project report on the development of handicrafts and small scale industry in Somalia surveys the present situation, covers the economic structure, the social structure, marketing, vocational training, credit, the

cooperative movement, etc., comments on relevant legislation, and includes recommendations in respect thereof.

161. HADZI, J. K., L'Artisanat dans le développement Togolais. /Handicraft development in Togo/. Ecole pratique des hautes études, section des sciences économiques et sociales, Paris, 1967, v. VIII, pp. 266, tables, map.  
Fr Togo

Comprehensive studies of the developing activities of handicrafts and the organisation of a cooperative system in Togo - covers traditional handicrafts in rural and urban areas, the financial and administrative aspects thereof, the aims of national planning, apprenticeship and vocational training, rural cooperatives, credit cooperatives, small scale industries, the legal status of the handicraftsman, etc. /maps and bibliography, pp. 245 to 266/.

162. MÜLLER, H., Das Handwerk in Marokko. /Handicraft in Morocco/. Frankfurt am Main - Universität. Forschungsinstitut für Handwerkswirtschaft, Frankfurt am Main, 1968, pp. 62, tables /ITS - Studien und Berichte, Bericht Nr 40/.  
De Morocco

Study of the role of handicrafts in the economy of Morocco - covers cooperative production, the occupational structure in small scale industry, working conditions, training programmes, etc., /Bibliography, pp. 61 and 62/.

163. SCHÄEDLER, K., L'Artisanat Togolais - propositions D'Amélioration. /Handicraft in Togo - Proposals of improvement/. ILO - Institut für Wirtschaftsforschung, München, 1965, pp. 35, tables.  
Fr Togo

Technical annex to the 1966 - 1970 National Plan of Togo on development of the handicrafts sector of the economy - comprises a survey of the situation of handicraft industries in the country and an outline of development objectives, and covers the occupational structure of the urban and rural handicraft sectors, vocational training, cooperatives organisation, etc., /Bibliography, pp. 32, ILO mentioned in references, and statistics.

164. SCHÄEDLER, K., Das Handwerk in Togo. /Handicraft in Togo/. Frankfurt am Main. Universität. Forschungsinstitut für Handwerkswirtschaft, Frankfurt am Main, 1967, pp. 82, tables. /ITS - Studien und Berichte, Bericht Nr. 38/.  
De Togo

Study of the present situation and further development possibilities in respect of handicrafts in Togo - covers the occupational structure in urban and rural areas, education /incl. vocational training/, employment opportunities, wages, the role of handicraft cooperatives and public administration therein, etc. /Statistics, bibliography, pp. 80 to 82, and ILO mentioned/.

#### HOUSING CO-OPERATIVES /URBAN, RURAL/

165. HEDDER, HELLMAR., Siedlungsgenossenschaften im Kolonisationsprozess der peruanischen Urwaldes eine Fallstudie. /Residential cooperatives in the colonization process of the Peruvian Jungle. Bielefelder Studien zur Entwicklungssoziologie = Bielefeld studies on the sociology of development 24, Saarbrücken; Fort Lauderdale; Breitenbach, 1984, V. 1, pp. 196, maps.

De Peru

166. Inquerito habitacional realizado no bairro da Munhuana. /Urban housing conditions in the Munhuana/. Portugal. Junta de Investigacoes do Ultramar. Lisboa, 1964, pp. 128.  
Estudos de ciencias politicas e sociais, No. 72.

Pt Mozambique

Mozambique. Report on a survey of urban housing conditions in the Menhuana neighbourhood in Lourenco Marques - concludes that social administration should assing state aid to promote housing cooperatives. Statistical tables.

#### OTHER CO-OPERATIVES /INCLUDING FORESTRY ETC./

See also: 217, 284

167. CHANDRASEKHARAN, C., Rural organizations in forestry. Unasylva /FAO/, 1983, v. 35, No. 142, pp. 2 - 11.  
En, es, fr Worldwide

Presents forestry institutions, forest services, role of cooperatives.

168. MAUNG, M., The elephant catching co-operative society of Burma - a case study on the effect of planned socio-economic change.

Asian survey /Berkeley, v. 6 /6/, Jun 1966, pp. 327 - 337.  
Microfilm.

En

Burma

Burma. The economic implications of planned social change. A case study of the application of modern technological change in traditional forestry activities, which created unemployment for elephant catchers, who organised a cooperatives society for the purpose of procuring credit and other aid from the government.

169. MOURA, V., Africa Jovem. Rio de Janeiro, Cooperativa cultural dos esperantistas. /Cultural cooperative of esperanto speaking people/. Rio de Janeiro, 1966, pp. 398, tables.

Pt

Africa

See

173

Africa. Cooperative movement in Mozambique, Angola, Senegal, Zaire, Congo, and South Africa R. Includes historical and geographical aspects, living conditions, demographic data and examines the cultural factor, industrial structure, discrimination and its economic implications and social implications.

170. Report. Technical Meeting for the Official Constitution of the Regional Wood Energy Cooperative Programme in Asia. FAO, Bangkok, 1985, pp. 93.

En

Asia

174

171. QIN, F., Expansion of forestry for promotion of rural development. Symposium on Forestry for Rural Development, Bangkok, 1985, pp. 15.

En

China

172. TIWARI, K. M., SINGH, R. V., Social forestry plantations along roads, railway lines and canals. Oxford and IBH Publishing Co. New Delhi, 1984, pp. 79.

En

India

175

176

## IV. NON-CONVENTIONAL CO-OPERATIVE FORMS

### TRADITIONAL FORMS OF MUTUAL SELF-HELP ASSOCIATIONS

also: 69, 114, 133

- . BRAUN, A., A collective discipline - self imposed. How drought inspired cooperation in Mali. Ceres. Revue de la FAO sur l'Agriculture et le Développement. Ceres. Revista FAO sobre Agricultura y Desarrollo. FAO, Rome, Review on Agriculture and Development, 1979, No. 69, pp. 19-24  
En, es, fr Mali

Proposed improvement of regional cooperation for development of the nomad herdmen's cooperative movement to create a balanced pastoralism and to improve management of grazing lands rationalising the transhumance.

- . GENTIL, D., Cooperatives Nigeriennes; Traditions villageoises et modernisation coopérative. /Nigerian cooperatives; Village traditions and cooperative modernization/. Hachette, Paris, 1973, V. VII, pp. 405.  
Fr Nigeria

Social Research Study of cooperative experience with respect to rural development and modernization in the Niger - suggests a structural model compatible with village traditions - includes a bibliography, pp. 393 - 405, map.

- . GUPTA, A. K., Why poor people don't cooperate: a study of traditional forms of cooperation with implications for modern organizations. Centre for Management in Agriculture, Ahmedabad, 1984, pp. 57.  
En India

Presents problems of rural development, rural cooperatives, self-help poverty, commercial enterprises, social stratification, small farms, tradition, modernization, models.

- . SEIBEL, H. D., ILO; Indigenous economic co-operation and its developmental function in Liberia. Cooperative Information, Geneva, 1970, v. 46. 737, pp. 7 - 53.  
En, fr, es Liberia

ILO Pub. Article on traditional forms of cooperative activities as organised by tribal populations and indigenous populations in Liberia covers saving and credit cooperatives, rural cooperatives, cooperative work groups, membership, leadership, etc., and includes suggestions for the modernisation of such cooperatives. /Bibliography, maps and references/.

177. SEIBEL, H. D., Indigenous self-help organizations and rural development: some Liberian and Ghanaian cases. Rural Development Participation Review, Ithaca, 1981, V. 2 /1/, pp. 11 - 16.  
En

Ghana, Liberia

Article on social participation through self-help associations in Ghana and Liberia - examines failure of imported cooperative movement, indigenous forms of cooperatives / such as those based on work, on saving, village community development /nkabon/, group work .nnoboa/, etc./, and reviews possible aid programmes to support traditional structures.

178. SEIBEL, H. D., MASSING, A., Traditional Organizations and Economic Development: Studies of Indigenous Cooperatives in Liberia. Praeger, New York, 1974, V. XXII, pp. 264.  
En

Liberia

Monograph on the contribution of traditional forms of cooperative work to Agricultural Development in Africa, illustrated by case studies of indigenous cooperatives in Liberia - argues that traditional forms of voluntary organizations /incl. rural cooperatives/ are capable of modernization, thus improving their contribution to social change and economic development in both rural areas and urban areas. Bibliography, pp. 262 and 263, map, references and statistical tables.

179. SPERLING, R., Labour recruitment among the Samburu of Kenya. Labour, Capital and Society, McGill University, Montreal, 1985, Vol. 18, No. 1, pp. 68 - 86, 5 tab.  
En, fr

Kenya

The paper investigates the recruitment of labour among Samburu pastoralists of northern Kenya. Focusing on herding, it shows that Samburu families are far from self sufficient labour units. Herd owners amass much of their needed work force by borrowing related children and by sharing tasks within their residential settlements. A variety of cooperative labour relationships have always co-existed although their frequency has changed through time. While Samburu herders increasingly seek wage employment in the Kenyan national economy, pre-capitalist labour arrangements persist within their own herding settlements where hired labour is virtually

absent. The discussion proceeds in two sections: a qualitative description of the various types of work arrangements and a quantified case study of labour recruitment in a lowland Samburu area. The analysis of pre-capitalist labour arrangements provides a base for understanding indigenous production as well as the effects of the current growth of a rural working class.

MODERN FORMS OF MUTUAL AND SELF-HELP ASSOCIATIONS, PRE-CO-OPERATIVES

See also: 69, 174, 175

180. DICKINS, W. E., A plan for the recovery and long-term development of beef cattle in the Sahel. Canadian theses, Carleton University, Ottawa, 1975, pp. 288.  
En  
Sahel

Proposes a plan for an agricultural project aimed at developing a multi-country self-sustaining cooperative cattle production industry managed by nomads in the Sahel - discusses development potential for beef production and trading in Sahel nations, basic requirements, management techniques, financing and implications for social and agricultural development in the region.

181. OBIECHINA, C. O. B., The cooperation of smallholders in the rehabilitation of export crop agriculture: a case study of oil palm production in south-eastern Nigeria. Land Reform, Land Settlement and Cooperatives, FAO, 1985, No. 1/2, pp. 75 - 82.  
En, es, fr  
Nigeria

## V. STRUCTURE OF THE CO-OPERATIVE MOVEMENT

### RELATIONSHIP BETWEEN CO-OPERATIVES ON THE SAME OR AT DIFFERENT LEVELS IN A COUNTRY

See also: 81, 146, 252

182. Cooperative sugar /National Federation of Cooperative Sugar Factories Ltd./ Published by P. J. Manohar Rao for the National Federation of Cooperative Sugar Factories Ltd., New Delhi, 1985, Vol. 16, No 6.  
En India
183. STEWART, B. A., Cooperatives and Agricultural Development: a case study of the Credit and Cooperatives Union of the Republic of Niger. Journal of African Studies, /Los Angeles/, V. II /2/, 1984, pp. 66 - 73.  
En Niger

Article making an evaluation of the efficiency of the Union of credit cooperatives and rural cooperatives in Zinder Province, /Niger/ - looks at UNCC's organisational structure, cooperative marketing performance, etc.: discusses obstacles to efficient agricultural marketing. Diagrams, references.

### RELATIONSHIP BETWEEN CO-OPERATIVE ORGANIZATIONS AT PLURINATIONAL AND INTERNATIONAL LEVELS

See also: 189

184. LINDQUIST, S., Landwirtschaftliche Entwicklungshilfe in Kenya /Development aid to Kenya agriculture/. Internationale Raiffeisen-Union, Information. 1974, 1, pp. 7 - 14.  
De Kenya

An extensive Scandinavian project to support agricultural cooperative in Kenya has been running since 1967. Five nordic countries are taking part in these aid activities. Summing up it is shown that the members of the co-operative have clearly achieved higher production and

therefore better living standards. The level of development of these cooperatives has become entirely different and is now through-out at an acceptable level. The activities up to 1977 /when the agreement runs out/ will be directed especially towards consolidating these results and to building up the savings and credit programme. Aid should also be contributed after 1972, but should be adjusted according to current conditions with some changes in emphasis.

## **VI. MANAGEMENT AND ADMINISTRATION OF CO-OPERATIVES**

## GENERAL

See also: 5, 6, 8, 21, 68, 195, 203, 251

185. Appropriate management systems for small farmers' cooperatives /with special reference to accounting and auditing systems/ for the Near East, North and Northeast Africa. Report /of an/ International Consultation, Feldafing /Germany, F. R./, 1983. Deutsche Stiftung für Internationale Entwicklung, Bonn, 1983, pp. 105.  
En Near East, North Africa  
Presents problems of rural cooperatives, smallholders, accounting, auditing.

186. CUYN, R. V., LUMANTA, M. F., RAMOS, M. G. Management of rural development in the 80' s: Philippine reflections; Management of Rural Development Program, University of the Philippines, Los Banos, 1982, pp. 198.  
En Philippines  
Rural development, development strategy, agricultural management, agricultural development, agricultural policy, policy making, cooperative movements, institution building.

187. GAIKWAD, V. R., GUPTA, V. K., Case studies: managing paddy-rice business of small farmers' integrated cooperatives. Rome, 1985, pp. 208.  
En Asia  
Presents cooperative activities, business management.

188. Guide pour la gestion appropriée des coopératives de petits exploitants agricoles /GACOPEA/ en Afrique francophone. /Guide to appropriate management of small farmers' cooperatives /GACOPEA/ in Francophone Africa/. Deutsche Stiftung für Internationale Entwicklung, Feldafing /Germany F. R./ Zentralstelle für Ernährung und Landwirtschaft, 1983, pp. 112.  
Fr Francophone Africa

189. HSIEH, CHI-HUANG., LU, CHI-FANG., She tui kung yeh ch'i yeh lao tung kuan li /Management of industrial and business manpower of the commune team/ Pei - ching fa hsing so-fa hsing, Pei-ching: Nung yeh ch'u pan she, 1983, pp. 96.  
Ch China
190. SEETHERAMAN, S. P., Managing cotton business of small farmers' integrated cooperatives; case studies /India/ Rome, 1984, pp. 126.  
En India  
Presents cotton, rural cooperatives, smallholders, business management, decision making.
191. SEETHARAMAN, S. P., MOHANAN, M., KUMAR, K., Management of integrated cooton cooperative system to reach small farmers. Manual. Rome, 1985, pp. 130.  
En India
192. SORIAL, E., Analysis of EWUP farm management data for the Abyuha site. Egypt Water Use and Management Project, Colorado State University, 1982, No 31, pp. 49, 19 tab.  
Egypt

The characteristics of farms at the El Minya project site of the Egypt Water Use and Management Project /EWUP/ are described. The farms for which record are kept are compared with the average of farms served by the Abyuha cooperative. Record keeping farms are larger than the average farms served by the cooperative. In contrast to the other EWUP project sites, land rental is more important among Abyuha cooperative farmers. The larger record keeping farms follow similar cropping patterns to the average for the Abyuha Cooperative, but have less berseem in relation to total cropped area, a difference which can be explained by fewer livestock on some of the larger record keeping farms. Crop enterprises budgets for the important crop enterprises on Abyuha farms are compared. The profitability of crops are compared on a per unit of land, per hour of labour and per unit of water basis. Depending on which resource /land, labour or water/ is considered most limiting, the relative profitability of crops is shown to vary.

RULES AND BY-LAWS, INTERNAL ADMINISTRATION

See also: 21, 185, 186, 188, 190, 191, 195, 203

193. Samahang Nayon Development Program of the Philippines: an evaluation: final administrative report. Agricultural Credit and Cooperatives Institute, University of the Philippines, Los Banos, 1979, pp. 36.  
En Philipines

Presents rural development, agricultural cooperatives cooperative movements, research programmes, staff, budget, IDRC mentioned.

DEMOCRACY IN CO-OPERATIVES  
MEMBER PARTICIPATION AND LEADERSHIP

See also: 21, 176, 185, 186, 188, 196, 203, 268, 296, 297

194. MUTIMBA, J., Leadership and management in cooperative farming. Zimbabwe agricultural journal, May - June 1985, v. 82 /3/, pp. 97 - 100  
ISSN: 0035-4686  
En Zimbabwe

195. CHATAGNON, F., Functions de gestion et animation. /Functions of management and administration/. Tiers-Monde /Paris/, v. II /41/, 1970, pp. 159 - 167.  
Fr Caribbean, Niger,  
Madagascar

Article comprising 3 case studies of the management and administrative aspects of rural marketing cooperative societies in Guadeloupe in the Caribbean, in Niger and in Madagascar, as an illustration of workers participation of rural workers in the promotion of cooperative societies.

PERSONNEL POLICY

See also: 21, 176, 185, 186, 188, 194, 195, 203

196. RAHMAN, A., Transition to collective agriculture, and peasant participation: North Vietnam, Tanzania and

Ethiopia. ILO, Geneva, 1980, v. II. pp. 19.

ISBN: 92-2-102329-X

En

North Vietnam, Tanzania,  
Ethiopia

Working paper based on a comparative study of experiences in collective farming, agricultural cooperatives and rural worker social participation in North Vietnam, Tanzania and Ethiopia - studies motivation from agricultural policy for inducing voluntary transition, and includes a summary of conclusions.

## VII. ECONOMICS OF CO-OPERATIVES

### BUSINESS POLICY, FINANCING INTERNAL PLANNING

See also: 6, 31, 68, 92, 93, 147, 251, 284, 286

197. ADEYMO, R., Appraisal of financial structure and capital management: the case of marketing co-operatives in Oyo State, Nigeria. Savings and Development, 1985, v. 9 /2/, pp. 189 - 202.  
En Nigeria
  198. ADEYMO, R., Egg production on cooperative farms: an economic analysis. Elsevier Applied Science Publishers, Agricultural Systems, Essex, 1986, v. 19 /1/, pp. 67 - 75.  
En Nigeria
  199. JHA, NAND KISHORE., Bank finance and green revolution in India. Amar Prakashan, Delhi, 1985, pp. 358.  
En India
  200. BENG-HUAT CHUA., The Chit Fund in Singapore: failure of a large-scale rotating credit association. In: South-East Asia: women, changing social structure and cultural continuity /Hainsworth, G. B./ University of Ottawa Press, Ottawa, 1981, pp. 119 - 134.  
ISBN: 2-7603-3207-1  
En South-East Asia
  201. DAS, S. K., Computer application at Mother Dairy Indian Dairyman, Delhi, 1986, Vol 38, No 1, pp. 1 - 7.  
En India
- The Mother Dairy /Delhi, India/, which processes 400 000 litres of milk / day, has a computerized control system for milk payments to the State Cooperative Dairy Federation, payments from retailers, inventory control, production and financial accounting and pay rolls. In addition, it can be used for on-line operations. A table is given of the various systems.
202. Financement et credit rural /Financing and rural credit /West Africa//. Agricultural Services Div. Consultation sur la Mobilisation des Institutions Cooperatives et des Sys-

tems Financiers en faveur du Developpement Rural. Lome /Togo/, 1984, FAO, Rome, 1984, pp. 49.  
Fr West Africa

Presents problems of rural development, agricultural credit, financing, cooperatives, agricultural banks.

203. HARPER, M., RAMACHANDRAN, K., Small business promotion: case studies from developing countries. Intermediate Technology Publications, London, 1984, pp. 118.  
ISBN: 0-946688-45-1  
En Developing countries

Presents small enterprises and business management, entrepreneurs, economic behaviour, decision making, employment creation, financial needs, technical cooperation, training, industrial promotion, production cooperatives.

204. MAHUVI, T. J., Production cooperatives and rural development in the United Republic of Tanzania. ECA, Addis Ababa, 1985, pp. 35.  
En Tanzania

Presents problems of rural cooperatives, cooperatives development, agricultural productivity and extension.

205. MARRIOTT, A. C., Report to the Government of Burma on the Development of the Union of Burma Co-operative Wholesale Society. Geneva, 1960, v. III, pp. 104, tables, charts.  
En Burma

Project report on activities of wholesale trade cooperatives in Burma - contains general information and recommendations concerning financial and administrative aspects thereof, business organization, management, transport and storage facilities, manufacturing industry activities, sales services, wage policy and wage incentives for the staff, etc.

206. PALMWANG, N., Central Cooperative Union of Swaziland: farm input sales 1981 - 83 and recommended strategy for 1984. Shiselweni district, Mbabane /Swaziland/, Jan 1984, pp. 16.  
En Swaziland

207. PARK, S. W., /National Agricultural Cooperative Federation, Seoul /Korea R./. Research Dept./ A case study of innovative agricultural credit scheme in Republic of Korea. The mutual credit programme of the NACF.  
Inter - Regional Seminar on Harnessing the Financial System in Support of Rural Development, Pune and New Delhi, 22 Jul - 11 Aug 1981. V. 3: Case studies /received from: Bangladesh, Kenya, Korea, Nepal, Pakistan, Philippines/.

- Reserve Bank of India, College of Agricultural Banking, 1981, V. III, pp. 1 - 4, 13 tables.  
En Korea Rep.

208. RAMANAN, S. G. V., /Agricultural Refinance and Development Corp., Bombay /India/.  
Mobilisation of funds by the financial system. Norms and disciplines for credit and resource management /in India/. Inter-Regional Seminar on Harnessing the Financial System in Support of Rural Development, Pune and New Delhi, 22 Jul - 11 Aug 1981. V. 2: Subject area papers by Indian authors. - Reserve Bank of India, Coll. of Agricultural Banking, 1981, pp. 176 - 238.  
En India

209. SHEIKH, N. H. E., AMMAR, S. A., Economic study of rice cooperative marketing system in Egypt. Annals of agricultural science /Moshtohor/, Zagazig University, 1984, v. 21 /2/, pp. 654 - 768.  
ISBN: 0570-1791  
Ar Egypt

210. Summary recommendations /extracts of various important committees appointed by the Reserve Bank of India and Government of India on cooperative/ rural credit system. Inter-Regional Seminar on Harnessing the Financial System in Support of Rural Development, Pune and New Delhi, 22 Jul - 11 Aug 1981. V. 4: Financing of rural sector. Institutions, systems and procedures in Indian context. Reserve Bank of India, Coll. of Agricultural Banking, 1981, pp. 1 - 74 /2/.  
En India

211. WERE, M. O., /Ministry of Agriculture, Nairobi /Kenya/. The impact of cooperative production credit scheme on small farmer development in Kenya. Inter-Regional Seminar on Harnessing the Financial System in Support of Rural Development. Pune and New Delhi, 22 Jul - 11 Aug 1981, V. 3: Case studies /received from: Bangladesh, Kenya, Korea, Nepal, Pakistan, Philippines/. Reserve Bank of India, Coll. of Agricultural Banking, 1981, pp. 1 - 30 /II/ - 2 graphs, 4 tables.  
En Kenya

### VIII. SOCIAL FUNCTIONS OF CO-OPERATIVES

See also: 3, 22, 29, 49, 50, 68, 117, 133, 139, 196

212. BWERINOFA, R. S., Study of two co-operatives for female ex-combatants: preliminary draft. ILO, Geneva, 1984, pp. 31.  
En Zimbabwe  
Draft report evaluating two production cooperatives /clothing industry and textile industry/ set up as an employment creation effort for young women war veterans in Zimbabwe - stresses vocational training needs; point out obstacles due to traditional attitudes, in addition to economic recession.
213. CHIMEDZA, R., Savings Clubs: The Mobilization of Rural Finances in Zimbabwe: Preliminary Draft. ILO, Geneva, 1984, pp. 87.  
En Zimbabwe  
Draft report and recommendations on savings and credit clubs for rural women in Zimbabwe - outlines historical background, including economic conditions and the social environment; notes the role of the Savings Development Movement in promoting clubs; outlines decision making structure, administrative aspects, membership, and sources of income /often earned from agricultural cooperatives type activities financed by club credit/; stresses importance in providing financial independence and employment opportunity.
214. BARRIA IROUME, L., CERECEDA, L. E., RIVAS, H., Estudio de casos sobre la comunidad El Corazon: el rol productivo de la mujer en una cooperativa campesina, Chile. /Case study on the 'El Corazon' community: women's productive role in a rural cooperative, Chile./  
Mesa Redonda sobre Estrategias de Sobrevivencia en Economias Campesinas: el Roy de la Mujer - Bagota, 1983, pp. 152.  
En Chile  
Estudio de casos sobre Ojopoi: una cooperativa campesina y estudio de casos sobre Repatriacion: un area de asentamiento antiguo en descomposicion, Paraguay. /Case study on 'Ojopoi': a rural cooperative and case study on 'Repatriacion': an old settlement area in decomposition,

- Paraguay/. FAO, Santiago, Regional Office for Latin America and the Caribbean.
- Mesa Redonda sobre Estrategias de Sobrevivencia en Economias Campesinas: el Rol de la Mujer - Bogota, 1983, Santiago, 1983, pp. 80.
- Es Paraguay
216. HANSEN, H., HANSEN, R., GJERSTAD, O., SARAZIN, C., A Organizacao Mulher Mocambicana / OMM.  
*/The Organization of Mozambican Women/. Journal of Eastern African Research and Development, 1985, V. 15, pp. 230 - 244. Faculty of Arts, University of Nairobi.*  
 En Mozambique  
 Paper presented at an international conference on „Women and Development in Africa”, Sept. 24/28, 1984, Nairobi, Kenya.  
 Presents rural women, interest groups, developmental history, armed forces, woman's status, producer cooperative, rural development.
217. HASHIM, O. A. G., Rural poverty alleviation in People's Democratic Republic of Yemen.  
 WCARRD Follow - up Programme. Rural poverty, series 9. Rome, 1984, pp. 80.  
 En Yemen Dem. Rep.  
 Presents problems of rural development, agricultural development, agricultural sector, education, rural cooperatives, health services.
218. HOUTART, F., LEMERCINIER, G., Hai Van: Life in a Vietnamese Commune. London, ZED Books, 1984, pp. 207. ISBN: 0-86232-234-0 /HD/  
 En Vietnam  
 Rural sociology field study of living conditions in a commune in Hai Hu district, Vietnam - analyses impacts of two agrarian reforms; looks at the village economic structure and structural change, leadership and popular participation in the rural cooperative; examines educational facilities and health services, the family /incl. the position of rural women/, cultural change and evolution of religious practice and value system in the Catholic rural community; discusses the sociology of social change. Photographs and statistical tables.
219. JACOBS, S., Women and Land Settlement in Zimbabwe. Review of African Political Economy /Sheffield/, 1984, pp. 33 - 50.  
 ISSN: 0305-6244  
 En Zimbabwe

Article on the impact of land settlement on the legal status and economic role of rural women in Zimbabwe - looks at the agrarian structure prior to colonialism and effects on women of subsequent capitalist farming; examines the family farming and cooperative farming resettlement models implemented since 1980, women's access to land, the squatter movement, membership in agricultural cooperatives, role of womens organizations; etc., concludes that the sex division of labour has not significantly improved since independence. /Bibliography/.

- KEBEBEW DAKA., HIRUT TEREFE., Az assessment of women in development through cooperatives in Ethiopia. National Workshop on Women in Agricultural Development - Awassa /Ethiopia/, 1983, Addis Ababa /Ethiopia/, 1983, pp. 86. En Ethiopia

- LEWINTER, M., Theoretical and Methodological Problems in Research on Women in Developing Countries. Women's Research Centre in Social Science, Copenhagen, 1982, pp. 65. /Arbejdsnotat, Nr. 5 /82/. En Developing countries

Research report, conference papers on obstacles occurring with research methods for research on women /incl. rural women in developing countries - looks at the preparation of a feasibility study of womens rural mobilization through production cooperatives in Mozambique; examines their social participation through womens organization and movements; analyses their economic role in China; discusses the inadequacy of data collecting on female labour force participation, female-headed households, etc. /Bibliography, references/.

- MIGNOT - LEFEBVRE, Y., Sortie du travail invisible: les femmes dans l'economie, Tiers Monde. /Output of unseen work: women in the Third World economy/. Paris, 1985, No. 102, pp. 242 - 478. Fr Developing countries

- La Mujer en las cooperativas agropecuarias en Nicaragua. /Women in agricultural cooperatives in Nicaragua/. Centro de Investigaciones y Estudios de la Reforma Agraria /Nicaragua/. Managua, 1984, bibliography, pp. 163 - 167. Es Nicaragua

- Produccion de alimentos por mujeres campesinas de Bioko. /Food production by rural women of Bioko/. Ministerio de Agricultura, Ganaderia y Desarrollo Rural, Malabo /Equatorial Guinea/. Malabo, 1985, pp. 102. Es Equatorial Guinea

- Rapport du Seminaire National sur L'emploi, La Population et le bien-etre familial dans les Secteurs Organises,

Niamey. /National Seminar report on employment, population and family welfare in organized sectors, Niamey/. Niger. Ministère de la Fonction Publique et du Travail, Niamey, 6 - 11 Aug. 1979, pp. 10, 15 annexes.

Fr Niger

Conference Report on problems of employment, population and family welfare in Niger - covers also educational development, social participation of women, Islamic conceptions of marriage and the family, role of ILO and of cooperatives in stimulating economic and social development; includes the statements made by representatives of the government, employers organizations and trade unions as well as a list of participants.

226. Rapport /Report/. Seminare sur la Femme et les Cooperatives - Yaounde /Cameroon/, 1977. African Training and Research Centre for Women, UNECA, Addis Ababa /Ethiopia/, UNECA, 1978, pp. 70.

Fr Africa

227. Report. Planning Consultation in Village - Level Training Workshop to Promote Women's Activities in Marketing in Selected African Countries. Harare /Zimbabwe/, 1984, Agricultural Services Div., FAO, Rome, 1984, pp. 30.

En Africa

228. Report. Centre on Integrated Rural Development for Africa, Arusha /Tanzania/; International Co-operative Alliance, Moshi /Tanzania/. Workshop on Women and Co-operatives for Cooperative Leaders and Commissioners Arusha, 1983, pp. 113.

En Tanzania

229. TEGEGNE, T., TENNASSIE, N., Rural poverty alleviation: the case of Ethiopia. In-depth study series /World Conference on Agrarian Reform and Rural Development No. 14. FAO, Rome, 1984, pp. 143.

En Ethiopia

Presents problems of underdevelopment poverty, land tenure, land reform, economic indicators, social indicators, agricultural production, rural cooperatives, role of women, political leadership, agricultural credit, health, education, agricultural statistics.

230. WHITE, C. P., Collectives and the Status of Women: the Vietnamese experience. Ceres /Rome/, v. 16 747, 1983, pp. 22 - 26.

En Vietnam

Article on the impact of collective farming on the economic role, the political and social status of rural women in Vietnam - examines their activities in agricul-

- tural cooperatives, the changes in men's attitudes, the rise in standard of living, and the role of womens organizations in promoting equal pay; discusses female cooperative leadership; reports on effects on the new agricultural policy of subcontracting. /Photographs and references/.
231. WIPPER, A., Women's voluntary associations. African women south of the Sahara /edited by Margaret Jean Hay and Sharon Stichter, Longman, London, 1984, pp. 69 - 86.  
ISBN: 0582643732  
En Africa

## IX. EDUCATION, TRAINING AND INFORMATION

### EDUCATION AND TRAINING OF MEMBERS

See also: 14, 24, 44, 65, 67, 68, 212, 217, 225, 245, 247

- 232. Agricultural Cooperative Training, Afghanistan. Termination report. FAO, Rome, 1986, pp. 34.  
En  
Afghanistan
- 233. BOTHAM, C. N., Les moyens audio-visuels dans l'education et la formation des cooperateurs. /Audio - visual means in education and in formation of cooperatives/.  
Reprint of 1967 ed. Issued also as: FAO Agricultural Development Paper No. 86. For English and Spanish ed. see FAO-access. No. 01549. FAO Economic and Social Development Series. FAO, Rome, 1977, No. 9, pp. 103.  
ISBN 92-5-200468-8  
Fr  
Developing countries
- 234. Co-operative Education and Trainig Material: The Socialist Republic of the Union of Burma. ILO, UNDP, Geneva, 1984,  
pp. 47. /Technical Report, 3./  
ISBN: 92-2-105006-8  
En  
Burma
- 235. The concept - rural life education through cooperatives.  
FAO, Rome, 1980, pp. 7.  
Ar, en  
Worldwide
- 236. GAIKWAD, V. R., Cooperative Training in Afghanistan. Mission report. FAO, Kabul, 1984, pp. 31.  
En  
Afghanistan  
  
Presents rural cooperatives, Afghanistan, - UNDP Project, Training.
- 237. LOVERIDGE, E. B., Interim Report to the Government of the Union of Burma on co-operative education. ILO, Geneva, 1963, V. II, pp. 54.  
En  
Burma  
  
Project Report on Co-operative Education in Burma - summarises the present situation, and includes recommendations concerning the establishment of a Training

Centre, teaching aids, teaching methods, the curriculum, etc.

238. Niger: Cooperative Training; Project Evaluation Report. ILO, Geneva, 1983, v. 14, pp. 12.  
En  
Niger

DANIDA - ILO pub. Project evaluation report on rural cooperatives and cooperative education in Niger - outlines project activities and results in respect of grain food storage, grain processing, cooperative marketing, development of audio - visual aids, literacy, etc., makes recommendations, particularly regarding international cooperation with voluntary organizations.

#### TRAINING OF EMPLOYEES

See also: 23, 212, 225, 233, 236, 245, 281

239. ARUA, E. O., An alternative approach to training of agricultural cooperative promotion agents for mass participation in Nigeria. Land Reform, Land Settlement and Cooperatives, FAO, 1983, /No 1/2/, pp. 63 - 81.  
En, es, fr  
Nigeria
240. Report. FAO/Finland Training Course on the Organization and Management of Dairy Cooperatives - Haemeenlinna /Finland/. FAO, Rome, 1982 - 1983, pp. 56.  
En  
Worldwide
241. GAIKWAD, V. R., Guide for the teaching of financial management course /cooperatives, Afghanistan/. FAO, Kabul, 1984, pp. 29.  
En  
Afghanistan
242. MORALES - GOMEZ, D. A., Educacion de los trabajadores en los centros de trabajo. Revista Interamericana de educacion de adultos. /Education of workers in work centres/. Patzcuaro: v. 3, No. 1, 1985, pp. 6 - 19.  
Es  
Mexico
243. De ROBERT, R., Mutual Assistance Educational Co-operatives in Morocco. Cooperatives Information, ILO, Geneva, 1969, v. 45 /1/, pp. 17 - 19.  
En, fr, es  
Morocco

Article on Training Programmes organised within the framework of efforts to expand the cooperative movement in Morocco - describes a scheme designed to provide

young workers with vocational training, to meet the cost of their training, to meet the cost of their training for a period of three years, and to organise workshops on a cooperative basis, so that end of the training period they can operate on their own without capital investment from outside.

244. Socialist Republic of the Union of Burma: Co-operative Project Management. UNDP, ILO, Geneva, 1984, pp. 18. /Technical report, 97/ ISBN: 92-2-105048-3

En

Burma

Project report and recommendations on teaching methods for training staff involved in cooperative management development in Burma - includes training of trainers in management techniques; gives guidelines in project management and on the-job training; makes recommendations on project design, implementation and project evaluation.

EDUCATIONAL PROGRAMMES BY INDUSTRIALIZED  
COUNTRIES FOR CO-OPERATORS FROM DEVELOPING  
COUNTRIES

245. ARTZY, M., Vocational Training and Functional Literacy in Cooperatives in Niger. Cooperative Information, ILO, Geneva, v. 46/2, 1970, pp. 19 - 32 and 1971, V. 47/2, pp. 41 - 55.

En, fr, es

Niger

Article on cooperative education, vocational training and functional literacy for cooperative and rural development in Niger - cover financial problems, the need to co-ordinate all activities connected with rural development at the local level, etc., and outlines training programmes.

246. DOCK, S. J., Case Studies of Community - based Nonformal Education in Zimbabwe 1981: Interim Report on Nonformal Education Research Project. Zimbabwe: University Institute of adult education., Harare, 1982, v. 1.

En

Zimbabwe

Interim report containing twenty case studies of community-based nonformal education programmes in Zimbabwe - reviews projects concerning agricultural extension, cooperative education, adult education literacy, community development, health education, education of women and choice of technology in urban and rural com-

munity for the improvement of family welfare, crop yields and standard of living; includes project evaluation. Map, references, statistical tables.

#### HIGHER EDUCATION

See also: 236, 244

247. BELLONCLE, G., GENTLI, D., Pedagogie de L'implantation du mouvement cooperatif au Niger. /Pedagogy of implanting the cooperative movement in Niger/. Communautés, archives Internationales de sociologie de la cooperation et du developpement, /Paris/, 1986, pp. 50 - 71.  
Fr Niger

Article on the Theoretics and development of a teaching method in respect of cooperative education in traditional rural communities in Niger - covers psychological aspects, community relations, etc.

## X. CO-OPERATIVES AND THE STATE

### GENERAL

See also: 6

248. MILIMO, J. T., The role of rural institutions related to the agrarian transformation in rural development of African countries with centrally planned economies: the case of Zambia.

Workshop on the Transformation of Agrarian Systems in Centrally Planned Economies in Africa. Arusha /Tanzania/, 1983, pp. 30.

En Zambia

Presents rural development and centrally planned economy institutions, and cooperatives.

### LAWS, LEGISLATION, DECREES FOR CO-OPERATIVES AND INFLUENCING CO-OPERATIVES /INCLUDING TAX REGULATIONS/

See also: 59, 272, 293

249. Burundi. Laws, statutes, etc. Decret-Loi No. 1/3 du 4. 2. 1981 portant statut General de la Cooperative au Burundi. /Legislation - Law No. 1/3 of 4. 2. 1981/ containing General Status of cooperatives in Burundi/. Bujumbura, 1981, pp. 23.

Fr Burundi

Text of legislation establishing status for cooperatives: sets up organising committee to define objectives, carry out feasibility study, arrange administrative aspects and financing; legislation does not apply to „pre-cooperatives“ which are entitled to function during an interim probationary period.

250. HARRISS, B., State and market. State intervention in agricultural exchange in a dry region of Tamil Nadu: South India. Concept, New Delhi, 1984, pp. 360.  
En India
251. Law on co-operatives. Social and Labour Bulletin, Geneva, 1980, v. 72, pp. 256 - 257.  
ISSN: 0377 5380  
En Mozambique
- Article on labour legislation of Jul 1979 in Mozambique laying down regulations for establishing and operating cooperatives - covers registration, membership, administration and financing.
252. LOUIS, R., Nouvelle loi cooperative en Republique Democratique de Somalie. /A new cooperative law in the Democratic Republic of Somalia/. Revue des Etudes Cooperatives /Paris/, v. 1787, Oct-Dec 1974, pp. 43 - 57.  
Fr Somalia
- Article commenting on 1974 legislation concerning cooperative organizations in Somalia.
253. New Legislation on Co-operatives. Social and Labour Bulletin, ILO, Geneva, 1981, v. 72, pp. 242 - 243.  
ISSN: 0377 - 5380  
En Burundi
- New regulations governing cooperatives emphasise firm commercial basis and require feasibility study before getting go-ahead. /Burundi ILO PUB cooperative/.
254. Niger: Consultation en legislation cooperative. Rapport de Mission. /Consultation on cooperative legislation, mission report/. ILO, Geneva, 1984, v. 1.  
Fr Niger
- Mission report advising on agricultural co-operative legislation in Niger - includes standard text of statutes, internal regulations, typical contracts.
255. Niger. Laws, Statutes, etc. Decret No. 79-05 du 18 Janvier 1979 portant application de L' ordonnaunce No. 78-19 du 12 Octobre 1978 portant status des organismes ruraux a caractere cooperatif et mutualiste.  
Decree No. 79-05 of January 18, 1979, stating application of order No. 78-19 of October 12, 1978, containing statute of rural organisms of cooperative and mutual character.  
Fr Niger

Text of legislation of 18 Jan 1979 regulating formation, functioning and dissolution of rural cooperatives in Niger.

256. Niger. Status of rural cooperatives. Social and Labour Bulletin, Ilo, Geneva, 1979, v. 747, pp. 450 - 451.  
En Niger

Article on legislation of Oct 1978 and Jan 1979 on rural cooperatives in Niger - covers conditions and procedure for formation of cooperatives at local level and national level, their legal status and decision making bodies.

#### CO-OPERATIVES AND LAND REFORM

See also: 1, 3, 15, 18, 24, 27, 56, 62, 98, 218, 229, 281

257. BENNAMANE, A., Agrarian transformation in Algeria: labour process and performance in Algerian collective agriculture. Workshop on the Transformation of Agrarian Systems in Centrally Planned Economies in Africa. Arusha /Tanzania/, 1983, pp. 60.  
En Algeria

Presents Centrally Planned Economy, Collective Farming, Rural Cooperatives, Agricultural Labour.

258. BILGRAMI, S. A. R., Land Reforms in India: a review. Agricultural banker, Apr/Jun 1984, v. 7/27, pp. 29 - 33., New Delhi.  
En India

259. LUU, N. N., Institutional Factors and Technological Innovation in North Vietnamese Agriculture. Geneva, 1982, v. III, pp. 99.  
ISBN: 92-2-103208-6  
En North Vietnam

Working paper examining the impact of institutional factors on the diffusion of technological change in the agricultural sector in Vietnam - discusses the theoretical background, impact of land reform, collective farming, agricultural cooperatives, agricultural research, agricultural education, agricultural training, irrigation, etc., and effects of agricultural mechanization on productivity and agricultural employment. Bibliography, pp. 98 and 99 and references.

260. KIROS, F. G., /ed./. Challenging rural poverty: experiences in institution-building and popular participation of rural development in Eastern Africa. Organization for Social Science Research in Eastern Africa /OSSREA/. Trenton, NJ /USA/. Africa World Press, 1985, pp. 234.  
 ISBN 0-86543-020-9  
 En East Africa

261. KIRSCH, OTTFRIED, C., WORZ, JOHANNES F. G., Genossenschaftliche Produktionsforderung in Ägypten. /Cooperative promotion of production in Egypt the failure of unified crop rotation within agrarian reform programmes for old lands/. Studies in applied economics and rural institutions: publications of the Research Centre for International Agrarian Development, Heidelberg, 14. Saarbrücken; Fort Lauderdale: Breitenbach, 1985, pp. 87, maps.  
 ISBN: 388 1562958  
 En Egypt

262. MAIRICH, L., Acerca de la transformacion cooperativista del sector campesino en Cuba. /Cooperative reshaping of the farming sector in Cuba/. Beiträge zur tropischen Landwirtschaft und Veterinärmedizin. Karl-Marx-Universität, Leipzig, 1984, v. 22 /4/, pp. 341 - 353.  
 ISSN: 0301-567X  
 Es Cuba

263. MENGISTU WOUBE., Problems of land reform implementation in rural Ethiopia: a case study of Dejen and Wolmera districts. Geografiska Regionstudies /Sweden/, Uppsala Univ., Dept. of Human Geography, Uppsala, 1986. No. 16, pp. 174.  
 ISBN: 91-506-0482-1  
 En Ethiopia

264. MULUGETTA, B., WHITE, C., Major issues in agrarian transformation: report. Workshop on the Transformation of Agrarian Systems in Centrally Planned Economies in Africa - Arusha /Tanzania/, 1983 - 1984, pp. 75.  
 En, fr Africa

265. PARAMESHWARA, N., RAYAPPA, P. H., Collective and distribute land reforms in India. Land reforms in India / edited by A. R. Rajapurohit, Ashish Pub. House, New Delhi, 1984, pp. 74 - 93.  
 En India

Paper presented at „Symposium on Land Reforms in India.“ Mar 18, 1982, Karnataka, India. Includes comments by participants. Includes references.

266. PLUM, W., Sozialer Wandel im Maghreb - Voraussetzungen und Erfahrungen der Genossenschaftlichen Entwicklung. /Social changes in Maghreb - prospects and experience of cooperative development/.  
 En

Friedrich-Ebert-Stiftung. Forschungsinstitut, Verlag für Literatur und Zeitgeschehen, Hannover, 1967, pp. 420, illus., tables, diagrs., charts, maps.

De Algeria, Morocco, Tunisia

Study in social research of social implications of agrarian reforms in Algeria, Morocco, and Tunisia - covers demopgraphic factors, living conditions of nomads, the role of France in agricultural polocy formulation, rural cooperatives, sociological aspects of rural migration to urban areas, urbanization, the role of small scale industries, manpower problems, land tenure, economic planning, etc., Bibliography, pp. 363 to 393, and maps.

267. POPP, H., Bodenreform und Genossenschaftswesen in Marokko. /Landreform and cooperative movement in Morocco/. Quarterly Journal of International Agriculture, Frankfurt, v. 19 /1/, 1980, pp. 49 - 66.

De Morocco

Article, Land Reform and Agricultural Cooperatives, Morocco - trends and failures /1956 - 1966/, agrarian reform phase /since 1966/, land re-distribution. Bibliography, pp. 65, 66, graphs and maps.

268. RAHMAN, A., Transition to collective agriculture and peasant participation: North Vietnam, Tanzania and Ethiopia. Bangladesh Development Studies, Dacca, 1979, v. 7 /3/, pp. 1 - 22.

En North Vietnam, Tanzania, Ethiopia

Article making a comparative study of farmer social participation in collective farming in Ethiopia, Tanzania and Vietnam - examines peasants attitudes towards goverment-sponsored land reform, land ownership, public ownership through agricultural cooperatives, the work point system, decision making, Ujamaa villagisation policy, farming of communal land, role of rural worker organizations, leadership, adoption of collectivism in stages, and evaluates future trends.

269. SUKDEO, F., Report on agrarian reform. FAO Regional Conference for Latin America. Montevideo, 1978, Georgetown /Guyana/, 1978, pp. 73.

En Guyana

270. TEGEGNE TEKA., Agrarian transformation: the Ethiopian experience. Workshop on the Transformation of Agrarian Systems in Centrally Planned Economies in Africa. Arusha /Tanzania/, 1983, pp. 61.

En Ethiopia



## **GOVERNMENTAL, ADVISORY AND PROMOTIONAL SERVICES FOR CO-OPERATIVES**

See also: 13, 19, 55, 133, 189, 268, 299

275. COLOMBAIN, M., Rapport sur l'introduction de societes cooperatives parmi les populations indigenes du Maroc. /Report in the introduction of cooperative societies amongst the indigenous populations in Morocco./, ILO, Geneva, 1987, pp. 40.  
Fr Morocco

Mission report on implantation of cooperatives in Morocco in 1987 - discusses promotion of economic and social development amongst the indigenous population, partic. elimination of poverty and social problems; stresses the initial need for provision of state aid; recommends the selection and training of a person capable of assuming a leadership role and becoming an intermediary between various types of cooperative, and also the government.

276. ILO - Establishment of co-operative promotion centres. SociaT and LaBour Bulletin, Geneva, 1980, v. 4, pp. 489 - 490.  
ISSN: 0377-5380  
En Togo

Note on continued government action to actively promote cooperatives by setting up network of regional centres. /Rural cooperative/.

277. MASON, J. B., Food and nutrition problems and opportunities for government/donor collaborative action in Kenya: a possible agenda for action. United Nations Administrative Committee on Coordination, Subcommittee on Nutrition, Nairobi, 1985, Rome, 1985, pp. 13.  
En Kenya

278. OOMMEN, T. K., Social transformation in rural India. Mobilization and State intervention. New Delhi, Vikas, 1984, pp. 326.  
ISBN: 0-7069-2476-2  
En India

279. PAPE, R., Relations entre cooperatives-banques de developpement - gouvernement: cas particulier de la Cote d' Ivoire /. /Relations among cooperatives-development banks-government: case study of Ivory Coast/. Consultation sur la Mobilisation des Institutions Cooperatives et des Systems

Financiers en faveur du Developpement Rural - Lome /Togo/, 1984, pp. 18.

Fr Ivory Coast

Presents agricultural banks, government services - agricultural credit, savings.

280. Review of food and nutrition problems and opportunities for government/donor collaborative action in Kenya. Executive summary. United Nations Administrative Committee on Coordination, Subcommittee on Nutrition. Rome, 1985, pp. 13.  
En Kenya

#### ROLE OF CO-OPERATIVES IN ALL ASPECTS OF STATE PLANNING

See also: 1, 3, 4, 27, 50, 56, 85, 89, 116, 132, 170, 206, 225, 257, 264, 274

281. EGER, GUDRUN., Das Comilla- Genossenschaftsprogramm zur ländlichen Entwicklung in Bangladesh, Erfolg oder Misserfolg? /The Comilla associations program for rural development in Bangladesh/. Social science studies on international problems, Saarbrücken, Breitenbach, 1982, pp. 93 - 99, bibl.

ISBN: 388 1562095  
De Bangladesh

282. ODDARD, P. O., GOMEZ, G., HARRISON, P., HOOVER, G., Product is progress: rural electrification in Costa Rica. AID project impact evaluation report No. 22. Washington, 1981, v. 1 /various pagins/.

En Costa Rica

Presents problems of electrification in rural areas, economic and social implications, surveys, aid evaluation, project evaluation, energy consumption and utilization, cooperatives, internal migration, statistical data, bibliography.

283. JUNEJA, G. C., GROTE - GANSEY, H. J., MERTIN, R. G., National Co-operative Dairy Development Plan., Bangladesh. FAO, Dacca, 1984, pp. 183.

En Bangladesh

284. MIRALAO, V. A., PALANCA, E. H., Philippine rural electrification program: final report submitted to the Regional Rural Electrification Survey, Asian Development

Bank, 23 Sept 1983. Quezon City, Project/Institute of Philippine Culture 181., Quezon City, 1983, pp. 214.  
En Philippines

Presents electrification in rural areas, development projects, financing, rural cooperatives, energy policy, renewable energy sources, costs, tariffs, Asian Development Bank.

285. MISHRA, J., /ed./. Planning and regional development in India. Jalandar /India/, Gaurav, 1985, pp. 280.  
ISBN 81-85006-07-5  
En India
286. PALMVANG, N., Central Cooperative Union of Swaziland: five year marketing plan 1984/85 - 1988/89 with budgets. Mbabane /Swaziland/, 1984, pp. 21.  
En Swaziland
287. RICHTER, H. V., State agricultural credit in postwar Burma. Malayan Economic Review /Singapore/, 1968, v. 13 /1/, pp. 101 - 117, tables, microfilm.  
En Burma

Article on national rural credit programmes in Burma - covers agricultural policy, credit cooperatives, administrative aspects, agrarian reform, etc.

## XI. EXTERNAL RELATIONS OF CO-OPERATIVE MOVEMENTS

### RELATIONS WITH TRADE UNIONS

See also: 5, 10, 11, 136, 225

288. Projet d'assistance à la confédération nationale des travailleurs du Togo /CNTT/ pour l'organisation et la promotion de la coopérative syndicale de consommation du Togo /CNTT/: Rapport de la mission d'évaluation tripartite. /Project of assistance for National Trade Union Federation of Togo for organization and promotion of consumers cooperatives. Mission report./ ILO, Geneva, 1982, pp. 29.  
Fr Togo

Mission report presenting a tripartite project evaluation of technical assistance to the national trade union federation of Togo in view of organizing and promoting consumers cooperatives - covers recruitment and training of personnel, management techniques, marketing, work organization, etc., and includes recommendations.

### RELATIONS WITH INTER-GOVERNMENTAL ORGANIZATIONS

See also: 210, 286

289. HEVLETT, R., The problems with movement-to-movement support /cooperatives/. Committee for the Promotion of Aid to Cooperatives - Vienna, 1983, Rome, 1983, pp. 5.  
En Developing countries

## XII. INTERNATIONAL CO-OPERATIVE ACTIVITIES

### TRADE, FINANCE

See also: 16, 19, 101

290. CORADINI, ODACIR LUIZ., FREDERICQ, ANTOINETTE., Agricultura, cooperativas e multinacionais. /Agriculture, cooperatives and internationals/. Colecao Agricultura e sociedade, Zahar Editores, Rio de Janeiro, 1982, pp. 184.  
Pt Brazil
291. DEVADHAR, Y. C., Indian cooperatives in agricultural export trade policy and performance. Valkunth Mehta National Institute of Cooperative Management, Pune, 1981, pp. 48.  
En India
292. KUYNAK, E., /ed./, World food marketing systems. Butterworths, London, 1986, pp. 333.  
ISBN 0-407-00358-4  
En Developing countries

### XIII. SUBJECTS RELATED TO CO-OPERATIVES

See also: 5, 17, 20, 34, 49, 50, 62, 84, 119, 126, 134, 161, 162, 174, 187, 190, 207, 214, 215, 268, 294, 295, 296, 297, 299

293. BHADURI, A., RAHMAN, M. A. Studies in rural participation. Oxford and IBH PUB. CO., New Delhi, 1982, V. VII. pp. 229.  
En Developing countries

Monograph prepared within the WEP framework comprising rural sociology case studies on the social participation of rural workers in rural development in selected developing countries - examines relation between self reliance and participation in Tanzania and Vietnam, the role of bureaucracy and legislation in Papua New Guinea, rural worker organizations, peasant movements and agricultural cooperatives in India and Bangladesh, effects of land reform in Ethiopia, social stratification /proletarianization/ in Chile, etc.,

294. BINKERT, G. H., Agricultural production and economic incentives: food policy in Mozambique. Harvard University. Harvard Institute for International Development. Cambridge, Mass., 1983, v. III, pp. 70. /Development discussion Paper, No. 154./  
En Mozambique

Research paper on agricultural development and food policy in Mozambique - reviews the historical background to economic conditions; analyses the impact of socialist development policy on rural development, partic. land tenure and land reform, villagislation, the economic role of rural women, rural cooperatives and state farms; looks at the agricultural market structure and obstacles; discusses food supply issues.

295. HANSEN, E. D., BALDERRAMA, J., Erosion control: a challenge to Bolivia. Erosion control: a Challenge in our time., USA; International Erosion Control Association, 1985, pp. 209 - 218, 4 tab.  
En Bolivia

Land clearing in the humid Chaco valley of southern Bolivia has led to problems of soil erosion. The principal method of control, terracing by use of road grader by a cooperative of local farmers, is summarized.



## XIV. RESEARCH

### RESEARCH METHODS AND ORGANIZATIONS

See also: 4, 174, 193, 221, 294

299. Directory of the organizations and companies associated with dairying in Pakistan. FAO, Rome, 1980, pp. 26.  
En Pakistan
300. HUIZER, G., Resolving contradictions within cooperatives: a case study of participatory action research in Peru. Land reform, land settlement and cooperatives. Food and Agriculture Organization of the United Nations. Rome, 1985, V. /1/2/, pp. 57 - 74.  
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