

## MAPs bibliography of Technical Change in West African Agriculture

- Akinola, A.A. and T. Young (1985) *An application of the Tobit model in the analysis of agricultural innovation adoption processes: a study of cocoa spraying chemicals by Nigerian cocoa farmers*. Manchester International Development Centre, Manchester University.
- Altieri, M.A. and A. Yurjevic (1989) 'The Latin American Consortium on Agroecology and Development: a new institutional arrangement to foster sustainable agriculture among resource-poor farmers', *Development Anthropology Network*, 7:17-9.
- Andersson, J. A (1996) Potato cultivation in the Uporoto mountains, Tanzania: an analysis of the social nature of agro-technological change. *African Affairs*, 95 (378):85-106.
- Antoine, P. and Francis C. Byrnes (1993) 'Winrock's On-Farm Productivity Enhancement Program: Experience and Lessons Learned in West Africa', paper presented at Workshop on Developing African Agriculture: New Initiatives for Institutional Cooperation, Cotonou, Benin.
- Arene, C.J. (1992) 'Comparative economics of maize and rice production among resource-poor farmers in Anambra State of Nigeria', *African development review : a journal of the African Development Bank for the study and analysis of development issues in Africa : une publication de la Banque africaine de developpement pour l'etude et l'analyse des questions du developpement en Afrique*, 4,no.1, 102-13.
- Ashby J. & Sperling L. (1994) 'Institutionalising Participatory, Client-Driven Research and Technology Development in Agriculture', *Agricultural Administration (Research and Extension) Network Paper 49*, London: Overseas Development Institute.
- Arnaiz, M. (1995) 'Farmers' Organisations in the Technology Change Process: an Annotated Bibliography', *Agricultural Administration (Research and Extension) Network Paper 53*, Overseas Development Institute, London
- Beaudoux, E. and M. Nieuwkerk (1985) *Groupements Paysans d'Afrique*. L'Harmattan, Paris.
- Bebbington, A, Merrill-Sands, D. & J. Farrington (1994) 'Farmer and Community Organisations in Agricultural Research and Extension: Functions, Impacts and Questions', *Agricultural Administration (Research and Extension) Network Paper 47*, Overseas Development Institute, London.
- Bebbington, A. 1989. 'Institutional options and multiple sources of agricultural innovation: evidence from an Ecuadorian case study', *Agricultural Administration (Research and Extension) Network Paper 11*, Overseas Development Institute, London.
- Bebbington, A. and J. Farrington (1993) 'Governments, NGOs and agricultural development: perspectives on changing interorganisational relationships'. *Journal of Development Studies* 29:199-219.
- Biggs, Stephen D. & E. Clay (1987) 'Generation and diffusion of agricultural technology: a review of theories and experiences'. *Generation and diffusion of agricultural innovations: role of institutional factors*. Iftikhar, Ahmed and V. W. Ruttan (eds) 19-67. Aldershot: Gower.
- Biggs, Stephen D. (1989) 'A multiple source of innovation model of agricultural research and technology promotion'. *AGREN Network Paper No. 6*. Overseas Development Institute, London.
- Bosc, P-M. et al. (1995) 'Organisations socio-professionnelles: innovations organisationnelles et institutionnelles et stratégies des acteurs - Le cas du département de Bignona au Sénégal'.

*Innovation et sociétés: Quelles agricultures? Quelles innovations?* Byé, Pascale & José Muchnik eds. II: 63-76. Montpellier: CIRAD.

Bratton, M. 1990. 'Non-governmental organizations in Africa: can they influence public policy?' *Development and Change* 21:87-118.

Breth, S.A. (1998) *Africultural Intensification in Sub-Saharan Africa: Proceedings of the workshop on Securing the Production Base, Addis Ababa, Ethiopia, August 23-27, 1997 with CASIN, Sasakawa Africa Association and Global 2000. Centre for Applied Studies in International Negotiations, Geneva.*

Brock, L. (1976) *Innovation of winter season vegetable gardening among the Tamejirt, and iklan group of the northern Ader and southern Azawagh regions, department Tahoua, republic of Niger. pp.26-32*

Byé, Pascale & José Muchnik eds. 1995. *Innovation et sociétés: Quelles agricultures? Quelles innovations?* Montpellier: CIRAD.

Carney, D. (1996) 'Formal Farmers' Organisations in the Agricultural Technology System: Current Roles and Future Challenges'. *Natural Resource Perspectives 14*, Overseas Development Institute, London.

Breth, S.A. (1998) *Africultural Intensification in Sub-Saharan Africa: Proceedings of the workshop on Securing the Production Base, Addis Ababa, Ethiopia, August 23-27, 1997 with CASIN, Sasakawa Africa Association and Global 2000. Centre for Applied Studies in International Negotiations, Geneva.*

Collion, M-H. (1995) 'On Building a Partnership in Mali between Farmers and Researchers', *Agricultural Administration (Research and Extension) Network Paper 54*, Overseas Development Institute, London.

Copestake, J.G. (1990) 'The scope for collaboration between government and private voluntary organisations in agricultural technology development: the case of Zambia'. *Network Paper No. 20* Overseas Development Institute, London. .

Cowen, M. (1986) 'Change in state power, international conditions and peasant producers: the case of Kenya'. *Journal of Development Studies*, 22(2):355-384

Diallo, I. and T. Senghore (1990) *Gambian farmers in partnership with research and development agencies for testing and adopting agricultural innovations. ms.*

Eicher, C.K. (1995) 'Zimbabwe's maize-based green revolution: preconditions for replication'. *World Development*, 23(5):805-818

### **MAPs bibliography of Rice Production**

Adesina, A.A. and M.M. Zinnah (1993) 'Technology characteristics, farmers' perceptions and adoption decisions: a Tobit model application in Sierra Leone'. *Agricultural Economics*, 9:297-311.

Andriessse, W., Van Duivenbooden, N., Fresco, L.O., Windmeijer, P.N. (1994) 'A multi-scale approach to characterize inland valleys agro-ecosystems in West Africa'. *Netherlands Journal of Agricultural Science* 42: 159-179.

Asuming - Brempong, Samuel (1989) 'Ghana rice policy: the cost of self - sufficiency'. *Africa development / Council for the Development of Economic and Social Research in Africa*, 14, 4: 67-82.

Becker, L. and Diallo, R. (1992) *Characterisation and Classification of Rice Agro-Ecosystems in Côte d'Ivoire*. West Africa Rice Development Association, Bouaké, Côte d'Ivoire.

Bingen, R.J. (1985) 'Food Production and Rural Development in the Sahel: Lessons from Mali's Operation Riz-Segou'. *Westview Special Studies in Social, Political and Economic Development*. Westview Press Boulder and London.

Braun, J. (1988) 'Effects of technological change in agriculture on food consumption and nutrition: rice in a west African setting'. *World Development*, 16(9):1083-1098.

Bray, F. (1986) *The rice economies*. Oxford: Blackwell.

Brydon, L. 1981. 'Rice, yams and chiefs in Avatime: speculations on the development of a social order', *Africa*, 51(2):659-675.

Buddenhagen, I.W. and G.J. Perley (eds) (1977) *Rice in Africa*. Proceedings of a conference held at the International Institute of Tropical Agriculture, Ibadan, Nigeria 7-11 March , 1977. Academic Press

Buijsrogge, P. (1989) *Initiatives Paysannes en Afrique de l'Ouest*. L'Harmattan, Paris.

Canard, M. (1959) *Le Riz dans le Proche Orient aux Premiers Siecles de L'Islam*. 1959 : 113-131.

Chaveau, J., Dozon, J.P. and J. Richard (1981) 'Histoires de riz, histoires d'igname: le cas de la moyenne Ivory Coast', *Africa* 51 (2): 621-58.

Dally, A.M and G.Second (1990) 'Chloroplast DNA diversity in wild and cultivated species of rice (Genus *Oryza*, section *Oryza*), Cladistic-mutation and genetic-distance analysis', *Theoretical and Applied Genetics* 80,:209-22.

Dey, J. (1985) *Food production & rural development in the Sahel: Lesson from Mali's Operation Riz-Segou / Bingen*. R. J. Boulder, Colorado; London: Westview Press. 167pp.

Dey, Jennie (1984) *Women in rice-farming systems. Focus: Sub-Saharan Africa*. Food and Agriculture Organization. Women in Agricultural Production and Rural Development Service. Rome: FAO. 106 p.

Dia, I., Fall, B. (1990) *The contribution of different types of sociocultural studies to irrigation projects : the Kaskas experience*. West Africa Rice Development Association. Water Management Project; Landbouuniversiteit Wageningen. Department of Irrigation and Soil and Water Conservation. Saint-Louis, Senegal : WARDA. 32 p.

Diemer, G.; Huibers, F.P. (1991) *Farmer- managed irrigation in the Senegal River Valley : implications for the current design method: end-of-project report* WARDA Water Management Project. Landbouuniversiteit Wageningen. Department of Irrigation and Soil and Water Conservation West Africa Rice Development Association. Water Management Project West Africa Rice Development Association. Regional Station on Irrigated Rice, Saint-Louis. Wageningen: The Department. ix, 89 p.

Diemer, G., Speelman, J.J. (1992) *Incorporating the local economy and polity in the conceptual design of farmer managed irrigation schemes : a case-study from the Senegal river valley*. West Africa Rice Development Association. Water Management Project.

Landbouwniversiteit Wageningen. Department of Irrigation and Civil Engineering. Saint-Louis : West Africa Rice Development Association, 1992. 19 p.

Donovan, C. Miézan, K.M. Wopereis, M.C.S. Diack, B.S. and B. Douthwaite (1998) Technology transfer from Asia to Africa sets the stage for public and private-sector collaboration in new technology in Senegal. *IRRN* 23 (2) : 41-42.

Dresch, J. (1949) La riziculture en Afrique Occidentale, *Annales de Géographie* 58:295-312.

Ducrot, Raphaëlle (1995) Dynamique de la différenciation des innovations dans les systèmes de production - exemples de quelques thèmes techniques proposés pour l'intensification de la riziculture au lac Alaotra. In *Innovation et sociétés: Quelles agricultures? Quelles innovations?* Byé, Pascale & José Muchnik eds. II: 207-216. Montpellier: CIRAD.

FAO, (1994) The impact of structural adjustment programmes on the rice economies of selected countries in West Africa. Intergovernmental Group on Rice. Session (37th: 1994: Bangkok, Thailand) Rome. 20p.

Francis, P.A. *et al.* (1996) State, community and local development in Nigeria. World Bank Technical Paper No. 336. Washington D.C: World Bank.

Gamser, M.S. (1988) Innovation, technical assistance and development: the importance of technology users. *World Development*, 16(6):711-721.

Gilbert, Elon (1990) *NGOs and agricultural research: the experience of the Gambia*. AGREN Network Paper No. 12. Overseas Development Institute, London.

Glaszman, J.C. (1987) Isozymes and the classification of Asian rice varieties, *Theoretical and Applied Genetics* 74,pp.21-30.

Glaszman, J.C. (1988) Geographic pattern of variation among Asian native rice cultivars (*Oryza sativa* L.) based on fifteen isozyme loci, *Genome* 30, pp.782-92.

Goldman, A. (1991) Tradition and change in postharvest pest management in Kenya. *Agriculture and Human Values*, 8(1&2):99-113.

Gubbels, P. (1988) Peasant farmer agricultural self-development: the World Neighbours experience in West Africa. *ILEIA Newsletter* 4: 11-14.

Harlan, J. de Wet, J.M.J. and A.B.L Stemler (eds) (1976) The origins of African plant domestication, The Hague: Mouton.

Harlan, J. and J. Pasqueureau (1969) Decrue agriculture in Mali. *Economic Botany*.23, pp.70-74.

Henderson, P. and R. Singh (1990) NGO-Government collaboration in seed supply; case studies from the Gambia and from Ethiopia. *AGREN Network paper*, 14. London: ODI.

Hewapathirane, Daya U. (1991) The use of swamp lands for rice farming in Sierra Leone. *Eastern and Southern Africa geographical journal*, 2, no.1, 111-27.

Huibers, F., Speelman, J.-J. (1989) Water management in village irrigation schemes of the Senegal River Valley: technical aspects. Landbouwniversiteit Wageningen. Department of Irrigation and Civil Engineering. West Africa Rice Development Association. Water Management Project. Saint-Louis, Senegal: WARDA. 50 p.

- Inland Valley Consortium, WARDA (1994) Annual Report.
- Inland Valley Consortium, WARDA (1995) Annual Report.
- Inland Valley Consortium, WARDA (1997) A Framework for Regional Cooperation for the Sustainable Development of Inland Valley Agro-Ecosystems in sub-Saharan Africa. West Africa Rice Development Association, Bouaké, Côte d'Ivoire.
- Institut International du Management de l'Irrigation (1996) Méthodologie l'évaluation des performances et de diagnostic des systèmes irrigués. Ouagadougou, Burkina Faso.
- International Rice Research Institute (1981) A Report of an IRTP Monitoring Tour in West Africa 7-18, 1981. Manila, Philippines.
- International Water Management Institute (1999) IWMI's Strategy in Sub-Saharan Africa. Colombo, Sri Lanka.
- Jamin, J.Y. (Ed) and Windermeijer, P.N. (1995) Proceedings of the 1<sup>st</sup> Scientific Workshop of the Inland Valley Consortium, WARDA, Bouaké, Côte d'Ivoire, November 6-10, 1995.
- Jamin, J.Y. (Ed) and Windermeijer, P.N. (Rapporteur) (1994) Identification of Research Programs for the Inland Valley Consortium (IVC). *Minutes of the 2<sup>nd</sup> Annual Workshop of the Inland Valley Consortium*, WARDA, Bouaké, Côte d'Ivoire, April 26-28, 1994.
- Jamin, J.Y. (Ed) and Windermeijer, P.N. (1995) Proceedings of the 3<sup>rd</sup> Annual Workshop of the Inland Valley Consortium, WARDA, Bouaké, Côte d'Ivoire, March 23-24, 1995.
- Egg, J. (1991) Cereals trade and agricultural policies in the western sub-market (Gambia, Guinea Bissau, Guinea, Mali, Mauritania, Senegal): Regional processes and prospects for integration: Summary report/ Coste,: CILSS/OECD/Club du Sahel; Montpellier, France: INRA-ESR; Cotonou, Benin: Université Nationale du Bénin; Paris: IRAM. c250p.
- Jones, A. (1988) Evaluation of improved rice production technologies and socio-economic constraints to innovation among households cultivating rainfed rice in western Gambia: study conclusions and recommendations. c60p A 261 RRMG.
- Jones, M.P., Dingkuhn M., Johnson, D.E and Fagade, S.O.(eds) (1996). Interspecific Hybridization: Progress and Prospects. *Proceedings of the Workshop: Africa/ Asia Joint Research on Interspecific Hybridization between the African and Asian Rice Species (O.glaberrima and O.Sativa)*, WARDA, M'bé, Bouaké, Côte d'Ivoire. December 16-18, 1996.
- Joshi, Arun (1995) Farmer participatory research for the selection of rainfed rice cultivars / A. Joshi and J. R. Witcombe. 2nd.ed.
- Juo, A.S.R. and Lowe, J.A. (1986) The Wetlands and Rice in Sub-Saharan Africa. IITA, Ibadan, Nigeria.
- Junzo, K. (1992) Boucle du Niger : Approches multidisciplinaires Volume 3. Institut de Recherches sur les Langues et Cultures d'Asie et d'Afrique, Tokyo.
- Kaimowitz, D. (1993) The role of nongovernmental organizations in agricultural research and technology transfer in Latin America. *World Development* 21:1139-1150.
- Kennedy, E.; Reardon, T. (1994) Shift to non-traditional grains in the diets of East and West Africa: Role of women's opportunity cost of Time. *Food Policy* 19(1):45-56.

- Krebs P. and J.Vogel (1994) Birth of a Small Farmers' Group in Guinea, *Agricultural Administration (Research and Extension) Network Paper 50c*, London: Overseas Development Institute.
- Linares, O.(1981) From tidal swamp to inland valley: on the social organisation of wet rice cultivation among the Diola of Senegal, *Africa* 51, 557-94p.
- Linares, O.(1974) Power, prayer and production, Cambridge: Cambridge University Press.
- Lipton, M., Pain, A. and P. Richards (1993) *Rice research in Sierra Leone & Sri Lanka: policy, spread and impact*, World Bank, Washington D.C.
- Maradieux, M.C. (1990) Les ONG Americaines en Afrique. GRET/ORSTOM, Paris.
- Martin, A., Rea, G. and P. Anadu (1995) Opportunities for developing assistance to the RNR sector in Nigeria through Nigerian NGOs. Report by NRI to ODA.
- Matlon, P. (1990) Research needs for sustainable rice production in West Africa: WARDA's assessment and response. *International Rice Commission Newsletter* 39:231-238.
- Mattee, A. & Lassalle, T. (1994) Diverse and Linked: Farmers' Organisations in Tanzania. *Agricultural Administration (Research and Extension) Network Paper 50b*, Overseas Development Institute, London.
- McClymont, D.S. (1982) An investigation into the communication of innovations among commercial farmers in Zimbabwe. 244p
- McCorkle, C. M. Brandsletter, R. H. McClure (1988) A case study on farmer innovation and communication in Niger. Washington: Communication for Technology Transfer in Africa, Academy of Educational Development, 125p1718 RRMG
- Mekuria, M. (1994) Agricultural technology development and transfer in Ethiopia: challenges and experiences. *African Rural and Urban Studies*, 1(3):39-64.
- Mercoiret, M-R. (1995) Peasant Organisations in Sub-Saharan Africa: Some Reflections on Progress to Date. *Rural Extension Bulletin 7*, University of Reading Agricultural Extension and Rural Development Department, Reading.
- Mercoiret, M-R. (1990) The role of farming organisations in developing and spreading innovations: the case of CADEF (Senegal). 13p
- Merrill-Sands, D. & Collion, M-H. (1994) Farmers and Researchers: the Road to Partnership, *Agriculture and Human Values* 11 (ii & iii).
- Miézan, K.M Wopereis, M.C.S. and C. Donovan (1999) Technology development and transfer through partnerships: WARDA's experience with irrigated rice in the Sahel in *Agraforschung* 4/99.
- Mills, B. Gilbert, E. (1990) Agricultural innovation and technology testing by Gambian farmers: hope for institutionalising on farm research in small country research systems. *Journal of Farming Systems Research-Extension*, 1(2):47-66
- Mkandawire, M. (1984) Customary land, the state and agrarian change in Malawi: the case of the Chewa peasantry in the Lilongwe rural development project. *Journal of Contemporary African Studies*, 3(1/2):109-128.

- Moris, J. R.; Thom, D. J. (1990) Irrigation development in Africa: Lessons of experience / *Studies in water policy and management no.14 Water management synthesis II project.* - Boulder, CO, USA: Westview Press. 678p.
- Musyoka, J. Charles, R.A. and J.W. Kaluli. (1991) Inter-Agency collaboration in the development of agricultural technologies at National and district level in Kenya. *Agricultural Administration (Research and Extension) Network Paper 23*, Overseas Development Institute, London.
- Mwaka, V.M. (1990) The agriculture utility of wetlands of the Lake Kyoga Basin. *Eastern and Southern Africa geographical journal*, 1, no.1:10-25.
- Netting, R. McC. Stone, M. P. Stone, G. D. (1989) Kofyar cash cropping: choice and change in indigenous agricultural development. *Human Ecology*, 17(3):299-319.
- Nindi, B.C. (1985) Agriculture change in Tanzania: with examples from Iringa region. *Transafrican Journal of History*, 14: 101-111.
- Obasanjo, Olusegun (1987) Issues in agricultural development in Africa : Arturo Tanco Memorial Lecture delivered on April 10, 1987, at the International Rice Research Institute Los Banos, the Philippines / New York, Annual Arturo Tanco Memorial Lecture / Hunger Project. 10p.
- Obeng, H. (1994) Soils suitable for Large Scale Rice Cultivation in Ghana. In: *Proceedings of the First International Seminar on Rice in Ghana, Akosombo*. Unpublished ms.
- Ogbe, F.M.D. and Williams, J.T. 1978. Evolution in Indigenous West African Rice in *Economic Botany* 1978 32(1):59-64.
- Oosterbaan, R. J., Gunneweg, H. A. and A. Huizing (1986) Water control for rice cultivation in small valleys of West Africa. ILRI Annual Report. 1986:30-49. Partners in progress. Monrovia: WARDA, 1988. 32p.
- Osborn, T. (1990) Multi-institutional approaches to participatory technology development: a case study from Senegal. Overseas Development Institute, London. Network Paper No. 13.
- Ostrom, E. (1990) *Governing the Commons: the Evolution of Institutions for Collective Action*, Cambridge University Press, Cambridge.
- Oteng, J.W. (1994) Research Strategies for Improved Rice Production in Ghana. In: *Proceedings of the First International Seminar on Rice in Ghana, Akosombo*. Unpublished ms.
- Otoo, E. (1994) *Towards Increased Rice Production in Ghana: Research on the Sustainable Development of the Inland Valleys for Rice Production*. First International Seminar on Rice in Ghana, Akosombo unpublished.
- Paulme, D. (1954) *Les Gens du Riz: Kissi de Haute-Guinée Française*. Paris, Plon.
- Phillips-Howard, K. D. Adepetu, A. A. Kidd, A. D. (1990) *Aspects of change of fadama farming along the Delimi river, Jos LGC (1982-1990)*. Durham, UK: Dept of Geography, University of Durham, 16p R-JPERDP IR 18.
- Portères, R. (1955) Un problème d'Ethno-botanique : relations entre le Riz flottant du Rio-Nunez et l'origine médinigérienne des Baga de la Guinée Française in *Journal d'Agric. Tropicale et de Botanique Appliqué*, T.11, No10-11, Oct-Nov 1955 : 539-542.

Portères, R.(1949) Le système de riziculture par franges unariétales et l'occupation des fonds par les riz flottant dans l'Ouest-africain in *Revue internationale de Botanique Appliquée*, Novembre-Décembre no. 325-326 : 553-563.

Portères, R. (1976) African cereals: Eleusine, Fonio, Black Fonio, Teff, Brachiara, Paspalum, Pennisetum, and African Rice, in J.Harlan, J.M.J. de Wet and A.B.L Stemler (eds), *The origins of African plant domestication*, The Hague: Mouton, 1976.

Portères, R. (1966) Les noms des riz en Guinee (in nine parts), *Journal d'agriculture tropicale et de botanique appliquee*, 13,1966.

Prakah-Asante, K. Sandhu, S. and D. S. C. Spencer (1984) Experiences with rice in West Africa. In P.Matlon, R.Cantrell, D.King & M.Benoit-Cattin: *Coming Full Circle*. IDRC, Ottawa. pp.119-124.

Pyatt, N. J. (1991) Interactions, relationships and change in forestry extension. c100p F.1027 RRMG

Raunet, M. (1993) Bas-fonds et riziculture: Actes du seminaire d'Antananarivo, Madagascar 9-14 decembre 1991.Lowlands and rice growing: Proceedings of the Antananarivo seminar, Madagascar 9-14 December 1991 Montpellier, France: CIRAD. 517p.

Reardon, T.A. Thiombiano T. and C.L. Delgado (1988) L'importance des cereales non-traditionnelles dans la consommation des riches et des pauvres a Ouagadougou. *Economie Rurale* 190: 9-14.

Reynolds, L. Domenico, C.di Atta-Kruh, A. N. and J. Cobbina (1991). Alley farming in south western Nigeria: the role of farming systems research in technology development. 85-108p. 00006031

Richards, P. (1987) On the south side of the Garden of Eden: Creativity and innovation in sub-Saharan Africa. Dept. of Anthropology, University College, London. 11p.

Richards, P. (1992) The versatility of the poor: indigenous wetland management systems in Sierra Leone, in T.Bierschenk and G.Elwert (eds), *Folgen der Entwicklungshilfe*, Campus Verlag: Frankfurt.

Richards, P. (1986) Coping with hunger: hazard and experiment in an African rice farming system, London: Allen and Unwin.

Richards, P. (1985) Indigenous Agricultural Revolution: ecology and food-crop farming in West Africa, London : Hutchison.

Rouw, A. de (1991) Rice, weeds and shifting cultivation in a tropical rain forest: A study of vegetation dynamics.

Ruttan, V.W. (1975) Technology transfer, institutional transfer and induced technical and institutional change in agricultural development. In *Agriculture in development theory*. L.G. Reynolds ed. Yale university Press.

Ruttan, V.W. & Thirtle, C. (1989) Induced technical and institutional change in African agriculture. *Journal of International Development*, 1(1):1-45

Salih, M. A. M. (1987) Agrarian change in the central rainlands: Sudan. A socio-economic analysis. Uppsala, Sweden: Scandinavian Institute of African Studies, Uppsala, 178p6221 RRMG



Sally, H. (Ed). (1997) Améliorer les Performances des Périmètres Irrigués. Institut International du Management de l'Irrigation (IIMI) Représentation Régionale pour l'Afrique de l'Ouest. Ougadougou, Burkina Faso.

Silberfein, M. (1989) *Rural change in Machakos, Kenya: A historical geography perspective*. Lanham, MD, USA: University Press of America.

Simukonda, P. H. M. (1994) Integrated rural development in Malawi and socio-economic change: the Karonga project. *Development Southern Africa*, 11(3):283-300.

Skjonsberg, E. (1988) *Change in an African village: Kefa speaks*. West Hartford, Connecticut: Kumarian Press, 271p BA Zambia.

Speirs, M. (1991) Agrarian change and the revolution in Burkina Faso. *African Affairs*, 90(358):89-110.

Spencer, S. C. S. (1991) A farming system research strategy for the development of inland valleys for increased food production in West Africa. *Agricultural Systems in Africa* 1(2):5-14.

Thirtle, C. Townsend, R. and J. van Zyl (1995) *Testing the induced innovation hypothesis in south African agriculture: an error correction approach*. Washington, D.C. USA: Agriculture and Natural Resources Dept. World Bank, 31p R-IBRD WPS 1547.

Ton, K. & K. De Jong (1999). Irrigation technology and social change: an analysis of the social variables of technology. *Journal of Developing Areas*, 25(2):197-206

Van de Walle, Nicolas (1989) Rice politics in Cameroon : state commitment, capability, and urban bias. *Journal of modern African studies: a quarterly survey of politics, economics and related topics in contemporary Africa.*, 27, no.4, 579-99.

Van Duivenbooden, N. and Windmeijer, P.N. (1994) Final report of project activities by SC-DLO and WAU. Characterization of rice-growing agro-ecosystems in West Africa. SC-DLO, Wageningen, The Netherlands.

WARDA (1999) Rice Interspecific Hybridization Project: Research Highlights / West Africa Rice Development Association, Bouaké, Cote d'Ivoire 1999.

WARDA (1999) Participatory Varietal Selection: The Spark that Lit a Flame; West Africa Rice Development Association. Bouake, Cote d'Ivoire, 32p.

WARDA (1984) WARDA activities: highlights ... / West Africa Rice Development Association. Monrovia, Liberia.

WARDA (1987) A decade of mangrove swamp rice research / West Africa Rice Development Association.. Bouaké, Côte d'Ivoire : The Association. 52 p.

WARDA (1997) Looking back into the future. West Africa Rice Development Association, Bouaké, Côte d'Ivoire.

WARDA (1994) Training in Mangrove Rice Production. Instructor's Manual. West Africa Rice Development Association. Bouaké, Côte d'Ivoire.

WARDA (1988) Partners in progress: highlights / West Africa Rice Development Association. Monrovia, Liberia: WARDA.

WARDA (1994) The WARDA Model: Open Center and Task Force Approach to Collaboration. Bouaké, Côte d'Ivoire: West Africa Rice Development Association.

WARDA (1998) Report of the First Biennial WARDA/ National Experts Committee Meeting. WARDA Technology Transfer Strategy and Evolution of Rice Task Forces. West Africa Rice Development Association. Bouaké, Côte d'Ivoire.

WARDA (1991) A Program of Partnership. WARDA's New Vision and Approach to Collaboration with National Agricultural Research. West Africa Rice Development Association. Bouaké, Côte d'Ivoire.

WARDA (1998) Highlights of 1998 Activities. Focus Interspecifics. West Africa Rice Development Association.. Bouaké, Côte d'Ivoire.

WARDA (1999) Medium Term Plan 2000-2002. M'bé , Côte d'Ivoire April, 1999.

WARDA (1997) New Rice for Africa. West Africa Rice Development Association. Bouaké, Côte d'Ivoire.

Webb, P. (1989) Intrahousehold decision making and resource control: the effects of rice commercialisation in West Africa. International Food Policy Research Institute. Washington, D.C. : IFPRI. viii, 108 p. *Working papers on commercialisation of agriculture and nutrition*; no. 3.

Whitehead, A.(1988) Distributional effects of cash crop innovation: the peripherally commercialised farmers of north-east Ghana. *IDS Bulletin*, 19(2):59-65

Wiggins, S. (1995) Change in African farming systems between the mid 1970s and the mid 1980s. *Journal of International Development*, 7(6):807-848.

Windmeijer, P.N. and Andriessse, W. (eds.) (1993) Inland valleys in West Africa. An archaeological characterisation of rice-growing environments. Publication 52. International Institute for Land Reclamation and Improvement. Wageningen, The Netherlands, 160p.

Windmeijer, P.N., Van Duivenbooden, N., Andriessse, W. (1994) *Semi-detailed characterization of inland valleys in Côte D'Ivoire. Characterization of rice-growing agro-ecosystems in West Africa*. Technical Report 3, Volume 1: Main Report; Volume 2: Basic Data. SC-DLO, Wageningen, The Netherlands.

Winrock. (1994) *On-Farm Productivity Enhancement Program. Annual Report*. Winrock International Institute for Agricultural Development, Morrilton, AR. 72110-9537.

Wopereis, M.C.S. Miézan, K.M. Donovan, C. Ndiaye, A.M. and B. Douthwaite (1998) A New Senegalese thresher/ cleaner responds to small-farmer postharvest needs. *IRRN* 23 (2): 39-41.

Wopereis, M.C.S. Donovan, C. Nebie, B. Guindo, D. and M.K. N'Diaye (1999) Soil fertility management in irrigated rice systems in the Sahel and Savanna regions of West Africa; part 1 Agronomic analysis in *Field Crops Research* 61 (1999) p125-145.

Yung, J-M, Bosc, P-M. et Bruno Losch (1995) Stratégies des producteurs et phénomènes d'innovation au Sahel. In *Innovation et sociétés: Quelles agricultures? Quelles innovations?* Byé, Pascale & José Muchnik eds. II: 273-284. Montpellier: CIRAD

Zinnah, M.M., Compton, J. L., Adesina, A.A. (1993) Research - extension - farmer linkages with the context of the generation, transfer and adoption of improved mangrove swamp rice technology in West Africa. *Zeitschrift fur ausländische Landwirtschaft* 32, 2:201-14.

