

Weltagrarbericht: Bericht zu Afrika südlich der Sahara (SSA)

Herausgegeben von Stephan Albrecht

Addendum zur deutschen Ausgabe: Literaturliste

Anm.: Diese Literaturliste wurde aus dem Originalbericht* der Vollständigkeit halber übernommen. Hierfür wurden die Literaturangaben aller Kapitel zusammengefasst und in alphabetischer Reihenfolge gelistet. Die Literaturliste wurde nicht formal bearbeitet, aber durchgesehen. Offensichtlich nicht mehr existierende Internetquellen wurden gestrichen. Die Liste ist aus Umfangsgründen kein Bestandteil der Druck- und auch nicht der elektronischen Gesamtausgabe. Die elektronische Gesamtausgabe ist unter http://hup.sub.uni-hamburg.de/HamburgUP_IAASTD-SSA abrufbar; dort kann auch die Druckausgabe bestellt werden. Der Originalbericht wurde von Beverly McIntyre, Hans R. Herren, Judi Wakhungu und Robert T. Watson herausgegeben. Das IAASTD-Sekretariat hat die Rechte an der deutschsprachigen Ausgabe dem Herausgeber übertragen.



* Elektronisch frei verfügbar unter
http://www.agassessment.org/reports/subglobal/Agriculture_at_a_Crossroads_Volume%20V_Sub-Saharan%20Africa_Subglobal_Report.pdf.

- AATF. 2005. Harnessing the potential of public/ private partnerships: The African agricultural technology foundation annual report. AATF, Nairobi.
- Abassa, K.P. 1995. Improving food security in Africa: The ignored contribution of livestock. ECA/FAO, Addis Ababa.
- Abate, T., A. van Huis, and J.K.O. Ampofo. 2000. Pest management strategies in traditional agriculture: An African perspective. Ann. Rev. Entomol. 45:631-659.
- Abdallah, R., D. Mackenzie, and G.R. Bamwenda. 2005. Initiating agricultural biotechnology in Tanzania. Trop. Pest. Res. Inst., Arusha, Tanzania.
- Abiola, F.A., A. Sere, and J.G. Sawadogo. 1988. Cholinesterase depression among Senegalese crop protection workers exposed to organophosphorus pesticides. Bull. Environ. Contam. Toxicol. 41:483-488.
- ADB. 2007. Selected statistics for African countries 2007. Volume XXVI. African Dev. Bank, Ivory Coast.
- Adu-Anning, C., 2004. The rattan industry in Ashanti and Western region of Ghana. p 263-274. In T. Sunderland and O. Ndoye (ed) Forest products, livelihoods and conservation. Case studies of non-timber forest product systems: Vol. 2, Africa. CIFOR, Bogor.
- Africabio. 2001. Submission on the OAU model law on biosafety. Available at <http://www.africabio.com>. Africabio, South Africa.
- Aguilar-Manjarrez, J., and S.S. Nath. 1998. A strategic reassessment of fish farming potential in Africa: Cifa technical Pap. 32. FAO, Rome.
- Ahmed, M.M. and J.H. Sanders. 1998. Shifting from extensive to intensive agricultural systems: A case study in the Sudan. Agric. Syst. 58:253-268.
- Ahmed, M.M., J.H. Sanders, and W.T. Nell. 2000. New sorghum and millet cultivar introduction in sub-Saharan Africa: Impacts and research agenda. Agric. Syst. 64:55-65.
- Ajayi, F.A., and N.E. Lale. 2001. Seed coat texture, host species and time of application affect the efficiency of essential oils applied for control of *Callosobruchus maculatus* in stored pulses. Int. J. Pest Manage. 47:161-166.

Literatur

- Ajayi, O.C, F. Place, F. Kвесига, and . Mafongoya. 2006. Impact of natural resource management technologies: Fertilizer tree fallows in Zambia. *Occas. Pap.* 5. World Agroforestry Centre, Nairobi.
- Ajayi, O.C., S. Franzel, E. Kuntashula, and F. Kвесига. 2003. Adoption of improved fallow soil fertility management practices in Zambia: Synthesis and emerging issues. *Agrofor. Sys.* 59:317-326.
- Akpalu, W. 2006. Individual discount rate and regulatory compliance in a developing country fishery. Available at <http://www.csae.ox.ac.uk/conferences/2006-EOI-RPI/papers/csaе/Akpalu.pdf>. Proc. CSAE Conf. Reducing poverty and inequality, Oxford, 19-21 Mar 2006. Goetborg Univ., Sweden.
- Alders, R.G., and P.B. Spradbrow. 1999. Newcastle disease in village chickens: A field manual. Maputo, Mozambique.
- Allem, A.C., and S.K. Hahn. 1988. Cassava germplasm strategy for Africa. Crop genetic resources of Africa. Proc. Int. Conf. Nairobi. 26-30 Sep 1988. IBPGR, IITA, CNR, UNEP, Nairobi.
- Allen, D.J., and J.B. Smithson. 1988. The regional program on bean, in southern Africa: Strategy and progress in plant improvement. Crop genetic resources of Africa. Proc. Int. Conf. Nairobi. 26-30 Sep 1988. IBPGR, IITA, CNR, UNEP, Nairobi.
- Altieri, M.A., and L.C. Merrick. 1987. In situ conservation of crop genetic resources through maintenance of traditional farming systems. *Econ. Bot.* 4:86-96.
- Anderson, A., D. Bryceson, B. Campbell, D. Chitundu, J. Clarke, M. Drinkwater, et al. 2004. Chance, change and choice in Africa's drylands: A new perspective on policy priorities in the drylands of Africa. CIFOR Policy Brief. Available at http://www.cifor.cgiar.org/publications/pdf_files/research/livelelihood/Dryland.pdf. CIFOR, Bogor.
- Anderson, J.R., G. Feder, and S. Ganguly. 2006. The rise and fall of training and visit extension: An Asian mini-drama with an African epilogue? p. 149-172. In A.W. Van den Ban and R.K. Samanta (ed) *Changing roles of agricultural extension in Asian nations*. B.R. Publ., New Delhi.

- Anderson, J.R., P.G. Pardey, and J. Roseboom. 1994. Sustaining growth in agriculture: A quantitative review of agricultural research investments. *Agric. Econ.* 10:107-123.
- Andreini, M., N. Van de Giesen, A. Van Edig, M. Fosu, and W. Andah. 2000. Volta basin water balance. *Disc. Pap. Dev. Pol.* 21. ZEF, Bonn.
- Andreini, M., W. Andah, C. Balazs, E. Boelee, P. Cecchi, A. Huber-Lee et al. 2005. Small multi-purpose reservoir ensemble planning: Innovative methods. Challenge Program Nile Basin Workshop, Entebbe, 27 Nov-2 Dec 2005.
- AQUASTAT. 2005. Irrigation in Africa in figures: AQUASTAT survey 2005 [Online]. Available at <http://www.fao.org/ag/AGL/AGLW/aquastat/regions/africa/index.stm>. FAO, Rome.
- ASARECA. 2006a. ASARECA's role in reducing poverty and hunger in Sub-Saharan Africa. ECAPAPA Enews. 9(2).
- ASARECA. 2006b. Agricultural production and soil nutrient mining in Africa: Implications for resource conservation and policy development. ecapapa/archives.php. ECAPAPA Enews. 9(11).
- ASARECA. 2006c. Biotechnology stakeholder findings on GMOs and food policy choices for Sub Saharan Africa. ECAPAPA Enews. 9(11).
- Ashby, J. A. 2001. Integrating research on food and the environment: An exit strategy from the rational fool syndrome in agricultural science. *Conserv. Ecol.* 5:20.
- Ashby, J., A.R. Braun, T. Gracia, M.P. Guerrero, L.A. Hernandez, C.A. Quirós, and J.I. Roa. 2000. Investing in farmers as researchers: Experience with local agricultural research committees in Latin America. CIAT, Cali.
- Ashton, P.J. 2002. Avoiding conflicts over Africa's water resources. *Ambio* 31(3):236-242.
- Asibey, E.O.A., and G.S. Child. 1990. Wildlife management for rural development in sub-Saharan Africa. *Unasylva* 41:3-10.
- Asiedu, J.J. 1989. Processing tropical crops: A technological approach. Macmillan Education, London.

Literatur

- Asiedu, R., S.Y.C. Ng, D. Vuylsteke, R. Terauchi, and S.K. Hahn. 1992. Analysis of the need for biotechnology research on cassava, yam, and plantain. G. Thottapilly et al. (ed) Biotechnology: Enhancing research on tropical crops in Africa. Ebenezer Baylis, UK.
- Astorkiza, K., I. del Valle, I. Astorkiza, T.J. Hegland, and S. Pascoe. 2006. The knowledge base for fisheries management. Dev. Aquacult. Fish. Sci. Ser. 36:9.
- AVERT. 2007. Sub-Saharan HIV and AIDS statistics [Online]. Available at <http://www.avert.org/subadults.htm>. West Sussex, UK.
- Ayele, W.Y., S.D. Neill, J. Zinsstag, M.G. Weiss, and I. Pavlik. 2004. Bovine tuberculosis: An old disease but a new threat to Africa. Int. J. Tuberc. Lung Dis. 8:924-937.
- Baijukya, F.P. 2004. Adapting to change in banana-based farming systems of Northwest Tanzania: The potential role of herbaceous legumes. PhD Thesis. Available at <http://library.wur.nl/wda/dissertations/dis3653.pdf>. Wageningen Univ., Netherlands.
- Bailey, S.W. 1954. Air-tight storage of grains: Its effects on insect pests 1: Calandra granaria L. Aust. J. Agric. Res. 6:33-40.
- Balile, D. 2003. Southern African nations adopt common GM strategy. Science and Development Network, UK.
- Barnes, R.D., and A.J. Simons. 1994. Selection and breeding to conserve and utilize tropical tree germplasm. p. 84-90. In R.R.B. Leakey, A.C. Newton (ed) Tropical trees: The potential for domestication: Rebuilding forest resources. HMSO, London.
- Barnes, R.D., D.L. Filer, and S.J. Milton. 1996. Acacia karroo: Monograph and annotated bibliography: Trop. For. Pap. 32. Oxford Forestry Inst., UK.
- Barrett, C.B. 2002. Natural resources management research in the CGIAR: A meta-evaluation: The CGIAR at 31. CGIAR, Washington DC.
- Bartley, D.M., and F. Martin. 2004. Introduction of alien species/strains and their impact on biodiversity. M.V. Gupta et al. (ed) Use of genetically improved and alien species for aquaculture and conservation of aquatic biodiversity in Africa. The WorldFish Center, Penang.

- Bass, S., K. Thornber, M. Markopoulos, S. Roberts, and M. Grieg-Gran. 2001. Certification's impacts on forests, stakeholders and supply chains. IIED, London.
- Bassett, T.J. 2005. Card-carrying hunters, rural poverty, and wildlife decline in northern Côte d'Ivoire. *Geograph. J.* 171:24-35.
- Bassett, T.J., and J. Crummey (ed) 2003. African savannas: Global narratives and local knowledge of environmental change. James Currey, Oxford.
- Bationo, A., F. Lompo, and S. Koala. 1998. Research on nutrient flows and balances in West Africa: State-of-the-art. *Agric. Ecosyst. Environ.* 71:19-35.
- Batjes, N.H. 2001. Options for increasing carbon sequestration in West African soils: An exploratory study with special focus on Senegal. *Land Degrad. Dev.* 12:131-142.
- BBC. 2005. Mobile growth "fastest in Africa". Available at <http://news.bbc.co.uk/2/hi/business/4331863.stm>. BBC, London.
- Beer, J., M. Ibrahim, and F. Sinclair. 2005. The history and future of agroforestry research and development: Policy impacts and needs. In G. Mery et al. (ed) *Forests in the global balance: Changing paradigms. World Series*. Vol. 17. Int. Union Forest Res. Org., Helsinki.
- Behnke, R., I. Scoones, and C. Kerven (ed) 1993. Range ecology at disequilibrium: New models of natural variability and pastoral adaptation in African savannas. ODI, London.
- Beintema, N., and G.-J. Stads. 2004. Sub-Saharan African agricultural research: Recent investment trends. *Outlook Agric.* 33:239-246.
- Beintema, N., and G.-J. Stads. 2006. Agricultural R&D investments in sub-Saharan Africa: An era of stagnation. IFPRI, Washington DC.
- Beintema, N., and G.J. Stads. 2006. Agricultural science and technology indicators (ASTI): Initiative background report. IFPRI, Washington DC.
- Bekunda, M., P. Ebanyat, E. Nkonya, D. Mugendi, and J. Msaky. 2004. Soil fertility status, management and research in East Africa. *E. Afr. J. Rural Dev.* 20:94-112.
- Belcher, B., and K. Schreckenberg. 2007. Commercialisation of non-timber forest products: A reality check. *Dev. Policy Rev.* 25:355-377.

Literatur

- Bellon, M.A. 2006. Crop research to benefit poor farmers in marginal areas of the developing world: A review of technical challenges and tools. CAB Rev.: Perspect. Agric. Vet. Sci. Nutr. Nat. Res. 1(70).
- Bender, A. 1992. Meat and meat products in human nutrition in developing countries: Food Nutr. Pap. 53.FAO, Rome.
- Béné, C., G. Macfadyen, and E.H. Allison. 2006. Enhancing the contribution of small-scale fisheries to poverty alleviation and food security. Fish. Tech. Pap. 481. FAO, Rome.
- Bengis, R.G., R.A. Kock, and J. Fischer. 2002. Infectious animal diseases: The wildlife/ livestock interface. OIE Sci. Tech. Rev. 21:53-65.
- Bentley, J.W. 1994. Facts, fantasies and failures of farmer participatory research. Agric. Human Values 11:140-150.
- Berndes, G., M. Hoogwijk, and R. Van den Broek. 2003. The contribution of biomass in the future global energy supply: A review of 17 studies. Biomass Bioenergy 25:1-28. Source: Temu and Temu, 2006.
- Berthaud, J., and A. Charrier. 1988. Genetic resources of Coffee. R.J. Clarke and R. Macrae (ed) Coffee agronomy. Elsevier, London.
- Bhattarai, M., and A. Narayananamoorthy. 2003. Impact of irrigation on agricultural growth and poverty alleviation: Macro level analysis in India. IMWI-TATA Water Policy Prog., Sri Lanka.
- Bindraban, P.S., and R. Rabbinge. 2003. Technologies that can make a difference: Enhancing agricultural productivity in Africa. Background Pap. 2. IAC, Amsterdam.
- Biodiversity International. 2007. Sub-Saharan Africa. Available at http://www.biodiversityinternational.org/regions/sub-saharan_africa/index.asp. Biodiversity Int., Rome.
- Birgegard, L.E. 1993. Natural resources tenure: A review of issues and experiences with emphasis on sub-Saharan Africa. Swedish Univ. Agric. Sci., Uppsala.
- Bizimana, N. 1994. Traditional veterinary practice in Africa. Ashburn, Germany.

- Blackden, M., C. Canagarajah, S. Klasen, and D. Lawson. 2006. Gender and growth in sub-Saharan Africa: Issues and evidence. World Inst. Dev. Econ. Res, Helsinki.
- Blench, R.M.B. 2001. Till the cows come home: Why conserve livestock diversity? I. Koziell and J. Saunders (ed) Living off biodiversity: Exploring livelihoods and biodiversity issues in natural resource management. IIED, London.
- Blom, A., R. Van Zalinge, E. Mbea, I.M.A. Heitkonig, and H.H.T. Prins. 2004. Human impact on wildlife populations within a protected Central African forest. Afr. J. Ecol. 42:23-31.
- Boffa, J.M., L. Turyomurugyendo, J.P. Barnekow-Lilleso, and R. Kindt. 2005. Enhancing farm tree diversity as a means of conserving landscape-based biodiversity. Mount. Res. Dev. 25:212-217.
- Bohannan, P. 1963. Land, tenure and land tenure. In D. Biebuyck (ed) African agrarian systems. Int. African Inst., London.
- Bojo, J. 1996. The costs of land degradation in sub-Saharan Africa. Ecol. Econ. 16:161-173.
- Bokosi, J.M. 1988. Bean evaluation in Africa. p. 97-203. Crop genetic resources of Africa. Proc. Int. Conf., Nairobi, 26-30 Sep 1988. IBPGR, UNEP, IITA, CNR, Nairobi.
- Bonkoungou, E.G. 1996. Drought, desertification, and water management in sub-Saharan Africa. Available at <http://www.unu.edu/unupress/unupbooks/80918e/80918E01.htm>. UN Univ., Tokyo.
- Bowen-Jones, E., D. Brown, and E. Robinson. 2002. Assessment of the solution-oriented research needed to promote a more sustainable bushmeat trade in Central and West Africa. DEFRA, UK.
- Brady, N. 1990. The nature and properties of soils. 10th ed. MacMillan, New York.
- Breman, H. 1995. Sustainable agriculture in the Sahel? Integrated perennials and fertilizers. p. 213-235. J. Bouma et al. (ed) Ecoregional approaches for sustainable land use and food production: Systems approaches for sustainable agricultural development. Kluwer Academic Publ., New York.

Literatur

- Briske, D.D., S.D. Fuhlendorf, and F.E. Smein. 2003. Vegetation dynamics on rangelands: A critique of current paradigms. *J. Appl. Ecol.* 40:601-610.
- Britannica. 2007. Africa, the colonial legacy. Available at <http://www.britannica.com/ebi/article-195882>. Britannica Student Encyclopedia Online.
- Brown, L.R., H. Feldstein, L. Haddad, C. Pena, and A. Quisumbing. 1995. Generating food security in the year 2020: Women as producers, gatekeepers and shock absorbers. 2020 Vision Brief. IFPRI, Washington DC.
- Bruinsma, J. (ed) 2003. World agriculture towards 2015/2030: An FAO perspective. Earthscan, London.
- Brumby, P., and G. Gryseels. 1985. Stimulating milk production in milk deficit countries of Asia and Africa. p. 62-72. A.J. Smith (ed) Milk production in developing countries. Cent. Trop. Vet. Med., Univ. Edinburgh, UK.
- Brummett, R.E., and R.P. Noble. 1995. Aquaculture for African small-holders. Tech. Rep. 46. ICLARM, Manila.
- Brush, S.B. 1992. Farmers' rights and genetic conservation in traditional farming systems. *World Dev.* 20:1617-1630.
- Brush, S.B. 2000. The issues of *in situ* conservation of crop genetic resources. p. 3-26. In S.B. Brush (ed) Genes in the field: On-farm conservation of crop diversity. Lewis Publ., Boca Raton, IDRC, Ottawa, IPGRI, Rome.
- Buresh, R.J., P.A. Sanchez, and F. Calhoun (ed) 1997. Replenishing soil fertility in Africa. Soil Sci. Soc. Am. Spec. Publ. 51. Madison WI.
- Burley, J. 1987. Small-scale forest enterprises: International forestry research networks: Objectives, problems, and management. *Unasylva* 39:3-4.
- CA. 2007. Water for food, water for life: A comprehensive assessment of water management in agriculture. Earthscan, London and IWMI, Colombo.

- Campbell, B., and J.A. Sayer (ed) 2003. Integrated natural resources management: Linking productivity, the environment and development. CABI Int., Wallingford.
- Carmignani, F. 2006. The road to regional integration in Africa: Macroeconomic convergence and performance in COMESA. *J. Afr. Econ.* 15:212-250.
- Carney, J.A. 1988. Struggles over land and crops in an irrigated rice scheme: The Gambia. p. 59-78. In J. Davison (ed) Agriculture, women and land: The African experience. Westview Press, Boulder.
- Carrere, C. 2004. African regional agreements: Impact on trade with or without currency unions. *J. Afric. Econ.* 13:199-239.
- Caswell, G.H. 1984. The value of the pod in protecting cowpea seed from attack by bruchid beetles. *Samaru J. Agric. Res.* 2:49-55.
- CBD. 2007. International day for biological diversity. Convention on Biodiversity, Montreal.
- CGIAR Science Council. 2004. Synthesis of lessons learned from initial implementation of the CGIAR Pilot Challenge Programs. Ann. Gen. Meet., Mexico, Oct 2004. CGIAR Secretariat, Washington DC.
- Chalmers, G., B. Lennon, L. Villeda, L. Heron, E. Pelican, S. Charitonenko et al. 2005. A fresh look at rural and agricultural finance. RAFI Note 1. Washington DC.
- Chandler, R.F.Jr. 1979. Rice in the tropics: A guide to the development of national programme. Westview Press, Boulder.
- Chang, T.T. 1994. The biodiversity crisis in Asia crop production and remedial measures. In C.I. Peng and C.H. Chou (ed) Biodiversity and terrestrial ecosystems. Inst. Bot., Academia Sinica Monograph Ser. No. 14. Academia Sinica, Taipei.
- Charitonenko S., L. Heron, G. Chalmers, B. Lennon, and M. Miller. 2005. Innovations in rural deposit mobilization. RAFI Note 9. Washington DC.
- Chaudenson, R. 2004. De Ouagadougou (1988) à Ouagadougou (2004) en passant par Libreville (2003). (In French). p. 211-221. Penser la Francophonie: Concepts, actions et outils linguistiques. Actes des

Literatur

- premières Journées scientifiques communes des réseaux de chercheurs concernant la langue, Ouagadougou, 31 May-1 Jun 2004. AUF, Paris.
- Chema, S., E. Gilbert, and J. Roseboom. 2003. A review of key issues and recent experiences in reforming agricultural research in Africa. Res. Rep. 24. ISNAR, Washington DC.
- Chude, V. 2007. Progress in the implementation of the outcomes of the Africa fertilizer summit. Expert Group Meeting on Agriculture and Rural Transformation in Africa, Addis Ababa, 23-25 Apr 2007. UNECA, Addis Ababa.
- CIAT. 2002. The soil, water and nutrient management program: Rising to the challenge of soil degradation. Available at http://www.ciat.cgiar.org/tsbf_institute/pdf/swnm_textonly_brochure.pdf. CIAT, Cali.
- CIAT. 2006. Snap beans for income generation by small farmers in East Africa. CIAT in Africa. Highlights No. 31, June 2006. Available at <http://www.ciat.cgiar.org/africa/pdf/highlight31.pdf>. CIAT, Cali.
- Cleaver, K.M., and G.A. Schreiber. 1994. Reversing the spiral: The population, agriculture and environment nexus in sub-Saharan Africa. World Bank, Washington DC.
- Clive, J. 2006. Global status of commercialized biotech/GM crops. Brief 35. ISAAA, Ithaca NY.
- Collinson, C. 2001. The business costs of ethical supply chain management: Kenyan flower industry case study. Nat. Resources Inst., Kent.
- Colson, E. 1971. The impact of the colonial period on the definition of land rights. p. 193-215. In V. Turner (ed) Colonialism in Africa, 1870-1960. Vol. 3. CUP, Cambridge.
- Commission for Africa. 2005. Our common interest: Report of the commission for Africa. Commission for Africa, London.
- Cooper, P.J.M., and G.L. Denning. 1999. Scaling up the impact of agroforestry research. Development series: Delivering on the promise of agroforestry. ICRAF, Nairobi.
- Cooper, P.J.M., J. Dimes, K.P.C. Rao, B. Shapiro, B. Shiferaw, and S. Twomlow. 2006. Coping better with current climatic variability in the rain-fed farming systems of sub-Saharan Africa: A dress rehearsal for

- adapting to future climate change? Global theme agroecology. Rep. 27. ICRISAT, Nairobi.
- Coppock D.L. (ed) 1994. The Borana plateau of southern Ethiopia: Synthesis of pastoral research, development and change: 1980-91. ILCA, Ethiopia.
- Crouch J.H., H. Quemada, and J. Webster 2003. Assessment of biotechnology in South Africa. consultancy mission report. USAID, Washington DC.
- Crucible II Group. 2000. Seeding solutions 1: Policy options for genetic resources: People, plants and patents revisited. IDRC, IPGRI and Dag Hammarskjöld Foundation, Litopixel, Rome.
- Daborn, C.J., J.M. Grange, and R.R. Kazwala. 1996. The bovine tuberculosis cycle: An African perspective. *J. Appl. Bacteriol.* 81:527-532.
- Damania, A.B. 1996. Field evaluation and utilization of collections of cereal genetic resources: The current status. *Indian J. Plant Genetic Resourc.* 9:31-42.
- Das, M.D. 1995. Improving the relevance and effectiveness of agricultural extension activities for women farmers: An Andre Mayer research study. FAO, Rome.
- Das, S.M., and J.I. Mkonyi. 2003. Important aspects of conservation of indigenous cattle in Tanzania. Proc. Sci. Conf. Tanzania Soc. Ani. Prod. (TSAP), 20th, Tanga, 28-30 Oct 2003.
- Das, S.M., and S.H. Mbaga. 2002. Importance of centralized recording scheme for dairy cattle to the development of livestock in Tanzania. Proc. Sci. Conf. Tanzania Soc. Anim. Prod. (TSAP), 20th, Arusha, 3-5 Dec 2002.
- Das, S.M., J.K. Msechu, M.L. Kyomo, D.B. Mpiri, and S.W. Chenyambuga. 2003. State of farm animal genetic resources in Tanzania. TVA 20th Sci. Conf., Arusha, 2-4 Dec 2003.
- Dauwers, A. 2007. Uganda hosts banana trials. *Nature* 447:1042.
- David, S. 1998. Producing bean seeds: Handbook for small-scale bean producers. CIAT, Kampala.

Literatur

- Davis, K. 2006. Farmer field schools: A boon or bust for extension in Africa? *J. Int. Agric. Ext. Education* 13:91-97.
- Dawson, I.K., and W. Powell. 1999. Genetic variation in the Afromontane tree *Prunus africana*, an endangered medicinal species. *Mol. Ecol.* 8:151-156.
- De Castro, J.J., and R.M. Newson. 1993. Host resistance in cattle tick control. *Parasitol. Today* 9:13-17.
- De Haan, C., H. Steinfeld, and H. Blackburn. 1997. Livestock and the environment: Finding a balance. WRENmedia, UK.
- De Leeuw, P.N., L. Reynolds, and B. Rey. 1995. Nutrient transfer from livestock in West African agricultural systems. p. 371-392. J.M. Powell et al. (ed) *Livestock and sustainable nutrient cycling in mixed farming systems of sub-Saharan Africa Vol. II*. ILCA, Ethiopia.
- Deame, L. 2001. Earth trends: Global AIDS toll bleak. World Resources Inst., Washington DC.
- Debouvy, P. 2001. Analyse comparée des systèmes locaux de formation agricole: Enseignement méthodologique pour la rénovation des dispositifs de formation [In French]. Exposé, 20 April.
- Degrande, A., K. Schreckenberg, C. Mbossö, P.O. Anegbeh, J. Okafor, and J. Kanmegne. 2006. Farmers' fruit tree growing strategies in the humid forest zone of Cameroon and Nigeria. *Agrofor. Syst.* 67:159-175.
- Dejene, A. 2003. Integrated natural resources management to enhance food security: The case for community-based approaches in Ethiopia. Working Pap. 16. ENRS, FAO, Rome.
- Dejene, A., E. Shishira, P. Yanda, and F.H. Johnsen 1997. Land degradation in Tanzania: Perception from the village. Tech. Pap. 370. World Bank, Washington DC.
- Delgado, C.L., M. Rosegrant, H. Steinfeld, S. Ehui, and C. Courbois. 1999. Livestock to 2020: The next food revolution. FAE Disc. Pap. 28. IFPRI, Washington DC.
- Delgado, C.L., N. Wada, M. Rosegrant, S. Meijer, and M. Ahmed. 2003. Fish to 2020: Supply and demand in changing global markets. IFPRI, Washington DC.

- Demirbas, A. 2007. Progress and recent trends in biofuels. *Progress Energy Combustion Sci.* 33:1-18.
- Demissie, A. 1991. Crop genetic resources of Africa: Potentially valuable crop plants in a vavilovian center of diversity: Ethiopia. p. 89-98. Proc. Int. Conf., Nairobi, 26-30 Sep 1988. IBPGR, UNEP, IITA, CNR, Nairobi.
- Demombynes, G., and J. Hoogeveen. 2004. Growth, inequality and simulated poverty paths for Tanzania, 1992-2002. Policy Res. Working Pap. 3432. World Bank, Washington DC.
- Dent, D.R., and C.J. Lomer. 2001. The convention of biological diversity and product commercialisation in development assistance projects: A case study of LUBILOSA, CAB Int., Wallingford.
- Dercon, S., T. Bold, and C. Calvo. 2004. Insurance for the poor? Available at <http://ideas.repec.org/p/qeh/qehwps/qehwps125.html>. Queen Elizabeth House, Univ. Oxford, UK.
- Dery, B.B., R. Otsyina, and C. Nga'tigwa. 1999. Indigenous knowledge of medicinal trees and setting priorities for their domestication in Shinyanga Region, Tanzania. ICRAF, Nairobi.
- Devendra, C., J. Morton, B. Rischkowsky, and D. Thomas. 2005. Livestock systems. E. Owens et al. (ed) *Livestock and wealth creation: Improving the husbandry of animals kept by resources—poor people in developing countries*. Nottingham Univ. Press, UK.
- Devereux, S. 2003. Policy options for increasing the contribution of social protection to food security. Forum for food security in Southern Africa. IDS, Univ. Sussex, UK.
- DeVries, J., and G. Toennissen. 2001. Securing the harvest: Biotechnology, breeding and seed systems for African crops. CAB Int., U.K.
- Dey, J. 1981. Gambian women: Unequal partners in rice development project? p. 109-122. N. Nelson (ed) *African women in the development process*. Frank Cass, London.
- Dlamini, Z. 2006. The role of non-GM biotechnology in developing world agriculture [Online]. Available at <http://www.scidev.net/dossiers/index.cfm?fuseaction=policybrief&dossier=6&policy=114>. Science and Development Network (SciDevNet).

Literatur

- Di Falco, S., and J.P. Chavas. 2006. Crop genetic diversity, farm productivity and the management of environmental risk in rainfed agriculture. *Eur. Rev. Agric. Econ.* 33:289-314.
- Diao, X., E. Diaz-Bonilla, S. Robinson, and D. Orden. 2005. Tell me where it hurts, and I'll tell you who to call: Industrialized countries' agricultural policies and developing countries. Available at <http://www.ifpri.org/divs/mtid/dp/papers/mtidp84.pdf>. IFPRI, Washington DC.
- Dike, M.C. 1994. An annotated checklist and the identity of major storage insect pests in Nigeria. *Samaru Misc. Pap.* 130:1-17.
- Dike, M.C. 2005. Challenges of pests and diseases to national efforts in sustained agricultural productivity. In V.B. Ogunlela et al. (ed) *Proc. Nat. Conf. on prospects and prob. of agricultural development in N. states of Nigeria*. Inst. for Dev. Res., Ahmadu Bello Univ., Zaria, Nigeria.
- Dike, M.C., and G.B. Mshelia. 1997. Laboratory assessment of the efficacy of eucalyptus leaf and stem powders n the control of *Callosobruchus maculatus* (F.) on stored cowpea. *Samaru J. Agric. Res.* 14:11-18.
- Dinerstein, E., D.M. Olson, D.J. Graham, A.L. Webster, S.A. Primm, M.P. Bookbinder et al. 1995. A conservation assessment of the terrestrial ecoregions of Latin America and the Caribbean. World Bank, Washington DC.
- Diouf, J. 1989. The challenge of agricultural research in Africa. John Crawford Memorial Lecture. Available at <http://www.worldbank.org/html/cgiar/publications/crawford/craw5.pdf>. CGIAR, Washington DC.
- Distefano, E. 2005. Human wildlife conflict worldwide: Collection of case studies, analysis of management strategies and good practices. FAO, Rome.
- Dixon, J., A. Gulliver, and D. Gibbon. 2001. Farming systems and poverty: Improving farmers' livelihoods in a changing world. World Bank, Washington DC and FAO, Rome.
- Dixon, J., A. Gulliver, and D. Gibbon. 2001. Farming systems and poverty. M. Hall (ed) *Improving farmers' livelihoods in a changing world*. Available at <http://www.fao.org/DOCREP/004/ac349e/ac349e02.htm>. FAO, Rome.

- Dongier, P., J.V. Domelen, E. Ostrom, A. Ryan, W. Wakeman, A. Bebbington et al. 2002. Community-driven development. Chapter 9. J. Klugman (ed) A sourcebook for poverty reduction strategies. World Bank, Washington DC.
- Donovan, G., and F. Casey. 1998. Soil fertility management in sub-Saharan Africa. Tech. Pap. 408. World Bank, Washington DC.
- Dore, T., M. Le Bail, P. Martin, B. Ney, and J. Roger-Estrade (ed) 2006. L'Agronomie aujourd'hui. Editions Quae, Versailles.
- Doss, C.R. 1999. Twenty five years of research on women farmers in Africa: Lessons and implications for agricultural research institutions. Econ. Prog. Pap. 99-02. CIMMYT, Mexico.
- Downs, R.E., and S.P. Reyna. 1988. Land and society in contemporary Africa. Univ. New Hampshire.
- Drucker, A.G. 2001. The economic valuation of AnGR: Importance, application and practice. Proc. Int. Wrkshp Comm-Bsd. Manage. Animal Genetic Research, Mbabane, Swaziland. 7-11 May 2001. FAO, UNDP, Rome.
- Drucker, A.G., M. Smale, and P. Zambrano. 2005. Valuation and sustainable management of crop and livestock biodiversity: A review of applied economics literature. IFPRI, IPGRI, ILRI, Washington DC.
- Du Guerny, J. 1999. AIDS and agriculture in Africa: Can agricultural policy make a difference? FAO, Rome.
- Dube, O.P., and G. Pickup. 2001. Effects of rainfall variability and communal and semi-commercial grazing on land cover in southern African rangelands. Clim. Res. 17:195-208.
- Dufey, A. 2006. Biofuels production, trade and sustainable development: Emerging issues. IIED, London.
- East African Business Week. 2007. Nepad's other easy option. EABW, Kampala.
- Eba'a Atyi, R., and M. Simula. 2002. Forest certification: Pending challenges for tropical timber. Tech. Ser. No. 19. Int. Trop. Timber Org. (ITTO), Yokohama, Japan.

Literatur

- EC (European Commission). 1999. Final report of a mission carried out in Uganda from 19/8 to 20/8/1999 for the purpose of assessing controls on pesticide residues in fish coming from Lake Victoria. DG SANCO/1129/1999. EC, Brussels.
- ECJRC. 2003. Global land cover 2000. Available at <http://ies.jrc.cec.eu.int/31.html>. European Commission Joint Res. Center, Brussels.
- Eicher, C.K. 1999. Institutions and the African farmer. Third Distinguished Economist LectureCIMMYT, Mexico.
- Eicher, C.K. 2001. Africa's unfinished business: Building sustainable research systems [Online]. Available at <http://www.worldbank.org/afr/aftrs/mombasa.doc>. Michigan State Univ. and ASARECA, Entebbe.
- Eicher, C.K., K. Maredia, and I. Sithole-Niang. 2005. Genetically modified crops: A response to the African food crisis. ECAPAPA ENewsl. 8:13.
- Eilu, G., J. Obua, K.J. Tumuhairwe, and C. Nkwine. 2003. Traditional farming and plant species diversity in agricultural landscapes of south-western Uganda. Agric. Ecosyst. Environ. 99:125-134.
- Ejigu, B. 1999. Extension policy and its implementation in relation to sustainable land use and food security intervention. p. 249-253. In T. Assefa (ed) Food security through sustainable land use policy, institutional land tenure and extension issues in Ethiopia. Proc. 1st. NOVIB Partners Forum on Sust. Land Use, Addis Ababa.
- Ejigu, D., and Y. Mekonnen. 2005. Pesticide use on agricultural fields and health problems in various activities. East Africa Med. J. 82:8:427-432.
- Ekpere, J. 2002. The OAU's model law: The protection of the rights of local communities, farmers, and breeders, and for the regulation of access to biological resources [Online]. Available at http://www.grain.org/brl_files/oau-booklet.pdf. Org. African Unity, Lagos, Nigeria.
- Ellis, F. 2005. Small farms, livelihood diversification, and rural-urban transitions: Strategic issues in Sub-Saharan Africa. Available at http://www.ifpri.org/events/seminars/2005/smallfarms/sfproc/SO4_Ellis.pdf. School Dev. Studies, Univ. East Anglia, UK.
- Ellis, J.E. 1992. ILCA's rangeland research programme in the arid and semi-arid zones: Review and recommendations. ILCA, Addis Ababa.

- Ellis, J.E., and D.M. Swift. 1988. Stability of African pastoral ecosystems: Alternate paradigms and implications for development. *J. Range Manage.* 41:450-459.
- Engels, J.M.M., V.R. Rao, A.H.D. Brown, and M.T. Jackson (ed) 2002. Managing plant genetic diversity. CABI Publ., Wallingford.
- Ervin, T.L. 1988. The tropical forest canopy: The heart of biotic diversity. p. 123-129. E.O. Wilson (ed) *Biodiversity*. Nat. Acad. Press, Washington DC.
- Estache, A., B. Speciale, and D. Veredas. 2005. How much does infrastructure matter to growth in sub-Saharan Africa?. Available at <http://www.ecares.ulb.ac.be/ecare/people/members/veredas/veredas/David%20Veredas%20African%20Infrastructures%20Version%201.pdf>. U. Libres de Bruxelles, Belgium.
- Eswaran, H., R. Alcatraz, E. van den Berg, and P. Reich. 1997. An assessment of the soil resources of Africa in relation to productivity. *Geoderma* 77:1-18.
- Eswaran, H., R. Lal, and P.F. Reich. 2001. Land degradation: An overview. p. 20-35. In E.M. Bridges et al. (ed) 2001. *Response to land degradation*. Enfield Sci. Publ., New Hampshire.
- EurepGAP. 2007. Global partnership for safe and sustainable agriculture. Available at http://www.eurepgap.org/Languages/English/index_html. Euro-Retailer Produce Good Agricultural Practices, Cologne, Germany.
- FAD. 2003. Projet d'appui à la lutte préventive contre le criquet pèlerin dans quatre membres de la CLCPRO. (In French) Fonds Africain de Développement, Abidjan.
- Fagerberg-Diallo, S. 2002. Learning to read woke me up!: Motivations, and constraints, in learning to read in Pulaar (Senegal). Available at http://www.iiz-dvv.de/englisch/Publikationen/Ewb_ausgaben/58_2002/eng_ared.htm. DVV Int., Bonn.
- Fan, S., P. Hazell, and S. Thorat. 2000b. Government spending, growth and poverty in rural India. *Amer. J. Agric. Econ.* 82:1038-1051.

Literatur

- Fan, S., P. Hazell, and T. Haque. 2000a. Targeting public investments by agroecological zone to achieve growth and poverty alleviation goals in rural India. *Food Policy* 25:411-428.
- FAO. 1990. The major significance of «minor» forest products: Local people's uses and values of forests in the West African humid forest zone. *Community Forestry Notes*. FAO, Rome.
- FAO. 1993. Fisheries management in southeast Lake Malawi, the upper Shire River and Lake Malombe. *CIFA Fish. Tech. Rep.* 21. FAO, Rome.
- FAO. 1994. Grain storage techniques: Evolution and trends in developing countries. FAO, Rome.
- FAO. 1995. The effects of HIV/AIDS on farming systems in eastern Africa. FAO, Rome.
- FAO. 1996. Fisheries and aquaculture in sub-Saharan Africa: Situation and outlook in 1996. FAO, Rome.
- FAO. 1996. Namibia: Women, agriculture and rural development. Available at http://www.fao.org/documents/show_cdr.asp?url_file=/docrep/V9094e/V9094e00.htm. FAO, Rome.
- FAO. 1997. Impact du VIH/SIDA sur les systèmes d'exploitations agricoles en Afrique de l'ouest. [In French]. FAO, Rome.
- FAO. 1997. Review of the state of world aquaculture: *Fisheries Circular* 886, Rev. 1. FAO, Rome.
- FAO. 1998. Integrated tick and tick-borne disease control programme: Project findings and recommendations. Available at <http://www.fao.org/docrep/field/381303.htm>. FAO, Rome.
- FAO. 2000a. La Situation mondiale des pêches et de l'aquaculture (In French). FAO, Rome.
- FAO. 2000b. Africa regional aquaculture review. Proc. of workshop, Accra, 22-24 Sept. *CIFA Occas. Pap.* 24. FAO, Rome.
- FAO. 2000c. The state of the food insecurity in the world 2000. FAO, Rome.
- FAO. 2001. State of the world's forests. FAO, Rome.
- FAO. 2002. Agriculture: Towards 2015/2030. FAO, Rome.

- FAO. 2002. Comprehensive Africa agriculture development programme: New partnership for Africa's development. FAO, Rome.
- FAO. 2002. The state of agricultural biodiversity in the livestock sector: Threats to livestock genetic diversity. FAO, Rome.
- FAO. 2003. Forestry outlook study for Africa Eur. Commission, African Dev. Bank and FAO, Rome.
- FAO. 2003a. The state of food security in the world. FAO, Rome.
- FAO. 2003b. State of the world's forests. FAO, Rome.
- FAO. 2004a. Current world fertilizer trends and outlook to 2008/9. FAO, Rome.
- FAO. 2004b. Public participation in decision-making regarding GMOs in developing countries: How to effectively involve rural people? Available at <http://www.fao.org/biotech/logs/c12logs.htm>. FAO, Rome.
- FAO. 2004c. Statistical yearbook 2004. FAO, Rome.
- FAO. 2005. State of food insecurity in the world 2005. FAO, Rome.
- FAO. 2005a. Irrigation in Africa, Europe and Latin America. Update of the digital global map of irrigation area: Version 4 [Online]. Available at <http://www.fao.org/nr/water/aquastat/irrigationmap/index50.stm>. FAO, Rome.
- FAO. 2005b. Situation des forêts du monde (In French). FAO, Rome.
- FAO. 2006a. Bioenergy option: Introducing the international bioenergy platform. IBEP, FAO, Rome.
- FAO. 2006b. Contribution of fisheries to national economies in West and Central Africa: Policies to increase the wealth generated by small-scale fisheries. New Directions Fish. Policy Briefs No. 03. Available at <http://www.sflp.org/briefs/eng/notesynthese.html>. FAO, Rome.
- FAO. 2006c. Regional review on aquaculture development: Sub-Saharan Africa 2005. Fish. CircularNo.1017/4 FIRI/C1017/4. FAO, Rome.
- FAO. 2006d. Assessment of the world food security situation. Committee on World Food Security, Rome. 30 Oct-4 Nov 2006. FAO, Rome.
- FAO. 2007. State of the world's forests. FAO, Rome.

Literatur

- FAO. 2007a. FAO statistical databases [Online]. Available at <http://www.faostat.fao.org>. FAO, Rome.
- FAO. 2007b SARD and agricultural biodiversity. Policy brief 16. FAO, Rome.
- FAO. 2007c. Report on food deprivation: Towards the Millennium Development Goals on hunger reduction. Stat. Div. Working Pap. Ser. ESS/ESSA/008e. FAO, Rome.
- FAO. 2007d. Women and sustainable food security. SD dimensions. Available at <http://www.fao.org/sd/fsdirect/fbdirect/fsp001.htm>. FAO, Rome.
- FAO/SPAAR. 2002a. History of agriculture research development in sub-Saharan Africa. Spec. Prog. African Agric. Res., FAO, Rome.
- FAO/SPAAR. 2002b. Impact of foreign assistance on institutional development of national agricultural research systems. Res. Tech. Pap. 10. FAO, Special Program African Agric. Research, Rome.
- FAO/WHO. 1999. Understanding the Codex Alimentarius.. Available at <http://www.fao.org/docrep/w9114e/W9114e00.htm>. FAO, Rome and WHO, Geneva.
- FAOSTAT. 2005. Statistical database [Online]. Available at <http://faostat.fao.org>. FAO, Rome.
- FARA. 2007. Grounding the African agriculture vision. FARA Ann. Rep. 2006. FARA, Accra.
- Farrington, J., and A. Martin. 1988. Farmer participation in agricultural research: A review of concepts and practices. Occas. Pap. 9. ODI, London.
- Farrington, J., and G. Gill. 2002. Combining growth and social protection in weakly integrated rural areas. Nat. Resource Perfect. No. 9. ODI, London.
- Faulkner, J.W. 2006. Water use, productivity, and profitability of small scale irrigation schemes in Ghana's Upper East Region. MSc. thesis, Cornell Univ., Ithaca NY.

- Fay, M., and T. Yipes. 2003. Investing in Infrastructure: What is needed from 2000 to 2010? Policy Res. Work. Pap. 3102. World Bank, Washington DC.
- Fibre for Africa. 2007a. SAT3: Opening up affordable bandwidth in Africa. Available at [http://www.fibreforafrica.net/main.shtml?conds\[0\]\[category.....\]='About%20SAT3'&als\[select\]=4018621&als\[MYALIAS_6\]=About%20SAT3](http://www.fibreforafrica.net/main.shtml?conds[0][category.....]='About%20SAT3'&als[select]=4018621&als[MYALIAS_6]=About%20SAT3). Fibre for Africa, South Africa.
- Fibre for Africa. 2007b. EASSy: Opening up affordable bandwidth in Africa. Available at [http://www.fibreforafrica.net/main.shtml?conds\[0\]\[category.....\]='About%20EASSy'&als\[select\]=4018619&als\[MYALIAS_6\]=About%20EASSy](http://www.fibreforafrica.net/main.shtml?conds[0][category.....]='About%20EASSy'&als[select]=4018619&als[MYALIAS_6]=About%20EASSy). Fibre for Africa, South Africa.
- Fibre for Africa. 2007c. Open versus closed approaches to international fibre. Available at [http://fibreforafrica.net/main.shtml?x=4911249&als\[MYALIAS_6\]=Open%20versus%20closed%20approaches%20to%20international%20fibre&als\[select\]=%3Cdiv%3ENo%20item%20found%3C/div%3E](http://fibreforafrica.net/main.shtml?x=4911249&als[MYALIAS_6]=Open%20versus%20closed%20approaches%20to%20international%20fibre&als[select]=%3Cdiv%3ENo%20item%20found%3C/div%3E). Fibre for Africa, South Africa.
- Fischer, G., M. Shah, N. Tubiello, and H. van Velthuizen. 2005. Socio-economic and climate change impacts on agriculture: An integrated assessment, 1990-2080. Phil. Trans. R. Soc. 360:2067-2083.
- Fisheries Opportunities Assessment. 2006. Coastal Resources Center, Univ. Rhode Island and Florida Int. Univ.
- Fisheries Opportunities Assessment. 2006. Coastal Resources Center, Univ. Rhode Island and Florida Int. Univ.
- Fletcher, S.M., P. Zhang, and D.H. Carley. 1992. Groundnut production, utilization and trade in the 1980s. p. 17-32. In S. Nigeria (ed) Groundnut: A global perspective. Proc. Int. Workshop, Pantancheru, India, 22-29 Nov 1991. ICRISAT, India.
- Fok, M., W. Liang, D. Romano, and P. Yotopoulos. 2007. Genetically modified seeds and decommodification: An analysis based on the Chinese cotton case. Working Pap. 312. Stanford Center Int. Dev., CA.
- Fondoun, J.M., and T. Manga. 2000. Farmers' indigenous practices for conserving *Garcinia kola* and *Gnetum africanum* in southern Cameroon. Agroforest. Syst. 48:289-302.

Literatur

- Foster, S., and M. Phillips. 1998. Economics and its contribution to the fight against malaria. *Annals of Trop. Med. Parasitol.* 92:391-398.
- Franzel, S., and S.J. Scherr. 2002. Trees on the farm: Assessing the adoption potential of agroforestry practices in Africa. Univ. Maryland, College Park.
- Franzel, S., and W. Wambugu. 2007. The uptake of fodder shrubs among smallholders in East Africa: Key elements that facilitate widespread adoption. In M.D. Hare and K. Wongpichet (ed) *Forages: A pathway to prosperity for smallholder farmers*. Proc. Int. Symp. Fac. Agric., Ubon Ratchathani Univ., Thailand. ICRAF, Nairobi.
- Franzel, S., R. Coe, P. Cooper, F. Place, and S.J. Scherr. 2001. Assessing the adoption potential of agroforestry practices in sub-Saharan Africa. *Agric. Syst.* 69:37-92.
- Friis-Hansen, E., and D. Kiambi. 1997. Re-introduction of germplasm for diversification of the genetic base of the Somali agricultural production system. Project Termination Rep. IPGRI, Rome.
- Fuhlendorf, S.D., D.D. Briske, and F.E. Smeins. 2001. Herbaceous vegetation change in variable rangeland environments: The relative contribution of grazing and climatic variability. *Appl. Veg. Sci.* 4:177-188.
- Gallup, J.L., J. Sachs, and A.D. Mellinger. 1998. Geography and economic development. NBER working Pap. W6849. Available at <http://ssrn.com/abstract=145013>. Social Science Research Network.
- Gandah, M., A. Stein, A.J. Brouwer, and J. Bouma, 2000. Dynamics of spatial variability of millet growth and yields at three sites in Niger, West Africa, and implications for precision agriculture research. *Agric. Syst.* 63:123-140.
- Garner, P. 2006. Economic growth in sub-Saharan Africa. Available at <http://ssrn.com/abstract=853184>. Social Sci. Res. Network.
- Gebremedhin, B., and S. Swinton. 2003. Investment in soil conservation in northern Ethiopia: The role of tenure security and public programs. *Agric. Econ.* 29:69-84.

- German, L., H. Mansoor, G. Alemu, W. Mazengia, T. Amede, and A. Stroud. 2007. Participatory integrated watershed management: Evolution of concepts and methods in an ecoregional program of the eastern African highlands. *Agric. Syst.* 94:189-204.
- Gichuki, F. 2004. Managing the externalities of dry season river flow: A case study from the Ewaso Ngiro North River Basin, Kenya. *Water Resources Res.* 40(8).
- Gillespie, S. 2006. Understanding the links between agriculture and health: Agriculture and HIV/AIDS. Focus 13, Brief 7. IFPRI, Washington DC.
- Giuliani, A. 2005. Agrobiodiversity conservation and agro-ecotourism: Opportunities to improve livelihoods. Int. Workshop Rural Tourism and Sustainable Development: Promoting a pro-poor approach, Rome, 17-18 Nov 2005. IPGRI, Rome.
- Gladwin, C.H. 1991. Fertilizer subsidy removal programs and their potential impacts on women farmers in Malawi and Cameroon. p. 191-216. In C.H. Gladwin (ed) Structural adjustment and African women farmers. Univ. Florida Press, Gainesville.
- Gladwin, C.H., J.S. Peterson, and R. Uttaro. 2002. Agroforestry innovations in Africa: Can they improve soil fertility on women farmers' fields? Available at <http://www.africa.ufl.edu/asq/v6/v6i1a10.htm>. African Studies Q., Univ. Florida.
- Goldman, L., and N. Tran. 2002. Toxics and poverty: The impact of toxic substances on the poor in developing countries. World Bank, Washington DC.
- Goli, A.E., F. Begemann, and N.Q. Ng. 1991. Germplasm diversity in bambara groundnut and prospects for crop improvement. Crop genetic resources of Africa. Proc. Int. Conf. Nairobi, 26-30 Sept 1988. IBPGR, UNEP, IITA, CNR, Nairobi.
- Gotoh, K., and T.T. Chang. 1979. Crop adaptation. p. 234-257 J. Sneep and Hendrickson (ed) Plant breeding perspectives. Centennial publication. Koninklijk Kweekbedrijf en Zaadhandel J. van der Have. Centre Agric. Publ. Doc., Wageningen.

Literatur

- Gottret, M.A.V.N., and D. White. 2001. Assessing the impact of integrated natural resource management: Challenges and experience. *Conserv. Ecol.* 5(2):17.
- Gouse, M., J. Piesse, and C. Thirtle. 2006. Output and labour effects of GM maize and minimum tillage in a communal area of KwaZulu Natal. *J. Dev. Perspect.* 2:192-207.
- Gouse, M., J.F. Kirsten, B. Shankar, and C. Thirtle. 2005. Bt cotton in KwaZulu Natal: Technology triumph but institutional failure: Technology triumph but institutional failure. Available at http://www.grain.org/research_files/Gouse_et.al.pdf. GRAIN, Barcelona.
- Gouse, M., L.F. Kirsten, and L. Jenkins. 2003. Bt cotton in South Africa: Adoption and the impact on farm incomes amongst small-scale and large-scale farmers. *Agrekon* 42:15-28.
- Graffham, A. 2006. European standards affect African growers. *Pesticide Newsl.* 71:14. Available at <http://www.pan-uk.org/Projects/Fairness/PN71/pn71p14.pdf>.
- GRAIN. 1990. Building on farmers' knowledge. Available at <http://www.grain.org/seedling/?id=350>. GRAIN, Barcelona.
- Greathead, D.J. 1967. A review of biological control in the Ethiopian Region. *Tech. comm.* 5. Commonwealth Inst. Biol. Control, UK.
- Grey, D. 2004. The World Bank and water resources: Management and development. *Water week* 2004. World Bank, Washington DC.
- Grist, D.H. 1953. Rice. Longman, Green and Co., London.
- Gryseels, G. 1988. The role of livestock in the generation of smallholder farm income in two vertisols areas of the central Ethiopian highland. S.C. Jutzi et al. (ed) *Management of vertisols in sub-Saharan Africa*. ILCA, Addis Ababa.
- Gupta, S., and Y. Yang. 2006. Unblocking trade. *Finance Dev.* 43(4). Available at <http://www.imf.org/external/pubs/ft/fandd/2006/12/gupta.htm>
- Gyasi, E.A., G. Kranjac-Berisavljevic, E.T. Blay, and W. Oduro (ed) 2004. Managing agrodiversity the traditional way: Lessons from West Africa in sustainable use of biodiversity and related natural resources.

- Available at <http://www.unu.edu/unupress/sample-chapters/> Agrodiversity.pdf. UN Univ. Press, Tokyo.
- Haddad, L., and S. Gillespie. 2001. Effective food and nutrition policy responses to HIV/ AIDS: What we know and what we need to know. *J. Int. Dev.* 13:487-511.
- Haggblade, S., I. Kirsten, R. Mkandawire, and F.P. de Vries. 2004. Agricultural successes in the Greater Horn of Africa: Conference overview. NEPAD/IGAD Conf. Agricultural successes in the Greater Horn of Africa. Nairobi, 22-25 Nov 2004. NEPAD, Johannesburg.
- Haile A., D.G. Selassie, B. Zereyacob, and B. Abraham. 2003. On-farm storage studies in Eritrea. DCG Rep. 28. Drylands Coordination Group, Norway.
- Hall, A., and S. Nahdy. 1999. New methods and old institutions: The "systems context" of farmer participatory research in national agricultural research systems: The case of Uganda. AgRen Pap. 93. ODI, DFID, London.
- Hall, A.J., L. Mytelka, and B. Oyeyinka. 2004. Innovation systems: Concepts and implications for agricultural research policy and practice. UN Univ. Maastricht, Netherlands.
- Hall, A.J., L. Mytelka, and B. Oyeyinka. 2006. Concepts and guidelines for diagnostic assessments of agricultural innovation capacity. The UNU-MERIT Working Pap. Ser. 17. UN Univ. Maastricht, Netherlands.
- Hall, M. 2001. Farming systems and poverty: Improving farmer's livelihood in a changing world. FAO, Rome.
- Hallam, D., P. Liu, G. Lavers, P. Pilkauskas, G. Rapsomanikis, and J. Claro. 2004. The Market for non-traditional agricultural exports. Commodity Trade Tech. Pap. 3. FAO, Rome.
- Hamilton, P., M. Jensen, and R. Southwood. 2004. African Internet country market profiles. Available at <http://www.balancingact-africa.com/profile1.html>; <http://www.balancingact-africa.com/profile2.html>; <http://www.balancingactafrica.com/profile3.html>. Balancing Act News Updates, London.
- Hardin, G. 1968. The tragedy of the commons. *Science* 162:1243-1248.

Literatur

- Hare, P.D., and N.H. Chau. 2002. Excision of selectable marker genes from transgenic plants. *Nat. Biotech.* 20:575-580.
- Harkness, C. 1970. The trade in Nigerian groundnuts. *Samaru Agric. News.* 12:62-65.
- Harsch, E. 2004. Agriculture: Africa's engine for growth. *Africa Recovery* 17(4):13.
- Hartwich, F., M.V. Gottret, S. Babu, and J. Tola, 2007. Building public-private partnerships for agricultural innovation in Latin America: Lessons from capacity strengthening. Disc. Pap. 699. IFPRI, Washington DC.
- Harvey, C.A., C. Villanueva, J. Villacís, M. Chacón, D. Muñoz, M. López et al. 2005. Contribution of live fences to the ecological integrity of agricultural landscapes. *Agric. Ecosyst. Environ.* 111:200-230.
- Harwood, R.R., and A.H. Kassam (ed) 2003. Examples of research problems, approaches and partnerships in action in the CGIAR: Research towards integrated natural resources management. Interim Sci. Council, CGIAR, FAO, Rome.
- Hauser, S., C. Nolte, and R.J. Carsky. 2006. What role can planted fallows play in the humid and sub-humid zone of West and Central Africa? *Nutr. Cycl. Agroecosyst.* 76:297-318.
- Hawkes, C., and M.T. Ruel (ed) 2006. Understanding the links between agriculture and health. 2020 Vision Focus 13. IFPRI, Washington DC.
- Hazell, R., and R.K. Pachauri (ed) 2006. Bioenergy and agriculture: Promises and challenges. Focus 14. IFPRI, Washington DC.
- Heal, G. 2002. Nature and the marketplace. Island Press, Washington, DC.
- Heemskerk, W., N. Lema, D. Guindo, C. Schouten, Z. Semgalawe, H. Verkuijl et al. 2003. A guide to demand-driven agricultural research: The client-oriented research management approach. Royal Trop. Inst. (KIT), Amsterdam.
- Heap, R.B. 1994. Can the new biotechnology increase agricultural production in sub-Saharan Africa? p. 32-45. V. Ravichandran and R.R. Daniel (ed) The role of science in food production in Africa. COSTED-IBN, Madras, India.

- Hegland, T.J. 2006. Fisheries policy-making: production and use of knowledge. In L. Motos and D.C. Wilson (ed) The knowledge base for fisheries management. Dev. Aquacult. Fish. Sci. Ser. 8:36.
- Heidhues, F., A. Atsain, H. Nyangito, M. Padilla, G. Ghersi, and J.-C. Le Vallée. 2004. 2020: development strategies and food and nutrition security in Africa: An assessment. Disc. Pap. 38. Available at http://www.ifpri.org/2020/dp_dp38/2020dp38.pdf. IFPRI, Washington DC.
- Hein, L. 2006. The impacts of grazing and rainfall variability on dynamics of a Sahelian rangeland. *J. Arid. Environ.* 68:488-504.
- Heinemann, J.A. 2007. A typology of the effects of (trans)gene flow on the conservation and sustainable use of genetic resources. FAO, Rome.
- Henao, J., and C. Baanante. 2006. Agricultural production and soil nutrient mining in Africa: Implication for resource conservation and policy development. IFDC, Muscle Shoals AL.
- Henao, J., and C.A. Baanante. 2006. Agricultural production and soil nutrient mining in Africa: Summary of IFDC technical bulletin. IFDC, Muscle Shoals AL.
- Henning, M.W. 1956. Animal diseases in South Africa. 3rd ed. Central News Agency, Johannesburg.
- Hiernaux, P. 1993. The crisis of Sahelian pastoralism: Ecological or economic? ILCA, Addis Ababa.
- Hilhorst, T., and F. Muchena. 2000. Nutrients on the move: Soil fertility dynamics in African farming systems. IIED, London.
- Hobart, F. 2004. The role of market standards and competitiveness in biodiversity conservation. Chemonics, Washington DC.
- Hofs, J.L., M. Fox, M. Gouse, and J. Kirsten. 2006. Diffusion du coton génétiquement modifié en Afrique du Sud: Des leçons pour l'Afrique zone franc. (In French). *Revue Tiers Monde*. 188:799-823.
- Holmberg, J. 2007. Natural resources in sub-Saharan Africa: Assets and vulnerabilities. Available at <http://www.sweden.gov.se/sb/d/9037/a/83507>. Rethinking Africa, Gov. Sweden, Stockholm.

Literatur

- Holmboe-Ottesen, G., and M. Wandel. 1991. Wife, today I only had money for pombe: Gender and food: Women's bargaining power and agricultural change in a Tanzanian Community. K.A. Stolen and M. Vaa (ed) Gender and change in developing countries. Norwegian Univ. Press, Oslo.
- Holmgren, P., E.J. Masakha, and H. Sjöholm. 1994. Not all African land is being degraded: A recent survey of trees on farms in Kenya reveals increasing forest resources. *Ambio* 23:390-395.
- Homann, S., and B. Rischkowsky. 2001. Integration of indigenous knowledge into land use planning for the communal range lands of Namibia. *Indigenous Knowl. Dev. Monitor* 9:3.
- Howard, G.W. 2004. Invasive species in water-dependent ecosystems. p. 22-26. M.V. Gupta (ed) Use of genetically improved and alien species for aquaculture and conservation of aquatic biodiversity in Africa. The WorldFish Center, Penang.
- Hudson, D.A., and R.G. Jones. 2002. Simulating present-day and future climates of southern Africa using the Hadley Centre regional climate model. Tech. Note, Hadley Centre Climate Predict. Res., Met Office, Bracknell, UK.
- Hughes, R.H., and J.S. Hughes. 1992. Directory of African wetlands. IUCN, Switzerland.
- Humavindu, M.N., and J.I. Barnes. 2003. Trophy hunting in the Namibian economy: An assessment. *S. Afr. J. Wildl. Res.* 33:2:65-70.
- Hursey, B.S., and J. Slingenbergh. 1995. The tsetse fly and its effect on agriculture in sub-Saharan Africa: World animal review, 50 Years. FAO, Rome.
- Hussey, N.W. 1990. Agricultural production in the third world: A challenge for natural pest control. *Exp. Agric.* 26:171-183.
- IAC (InterAcademy Council). 2004. Realizing the promise and potential of African agriculture: Science and technology strategies for improving agricultural productivity and food security in Africa. Available at <http://www.interacademycouncil.net/?id=10015>. IAC, the Netherlands.

- IAC (InterAcademy Council). 2004. Realizing the promise and potential of African agriculture: Science and technology strategies for improving agricultural productivity in Africa. IAC, Amsterdam.
- Ibrahim, M.N.M., J. Tharmaraj, and J.B. Schiere. 1988. Effect of variety and nitrogen application on nutritive value of rice straw and stubble. Biol. Waste 24:267-274.
- ICLARM-GTZ. 1991. The context of small-scale integrated agriculture-aquaculture systems in Africa: A case study of Malawi. ICLARM Stud. Rev. 18. The WorldFish Center, Penang.
- IEA. 2002. World energy outlook 2002. IEA. Paris.
- IEA. 2006. World energy outlook 2006. IEA. Paris.
- IITA. 2004. Research highlights: Annual report 2004. IITA, Ibadan.
- ICSTD. 2005. GMO labeling continues to divide CODEX. Bridges Biotech. News 5. UNESCAP, Bangkok.
- ICSU. 2006. Sustainable energy for sub-Saharan Africa: Science plan. Available at http://www.icsu-africa.org/sustainable_energy_rep_2007.pdf. Int. Council Sci. Unions Reg. Off. Africa (ICSU-ROA), Pretoria.
- IEA. 2005. World energy outlook. IEA, Paris.
- IFPRI. 2001. Thinking through globalization. Perspective 23. IFPRI, Washington DC.
- IFPRI. 2005. Can public & private sectors work together for the poor?. Available at <http://www.ifpri.org/pubs/newsletters/ifpriforum/if200506.htm>. IFPRI, Washington DC.
- IFPRI. 2006. The role of agriculture development: Implications for sub-Saharan Africa. Disc. Pap. 29. IFPRI, Washington DC.
- ILO. 2005. Global employment trends model. Available at <http://www.ilo.org/public/english/employment/strat/global06.htm>. Int. Labor Office, Geneva.
- ILRI. 2001. ILRI strategy to 2010: Making the livestock revolution work for the poor. ILRI, Nairobi.
- ILRI. 2003. The livestock revolution. ILRI, Nairobi.

Literatur

- Inocencio, A., H. Sally, and D.J. Merry. 2003. Innovative approaches to agricultural water use for improving food security in sub-Saharan Africa. Working Pap. 55. IWMI, Colombo.
- Integrated Framework. 2005. Tanzania: Diagnostic trade integration study. Vol. 2. Integrated Framework for Trade-Related Tech. Assistance to Least Developed Countries, Geneva.
- IPCC. 2007. Climate change 2007: Impacts, adaptation, and vulnerability. Working group II contribution to the fourth assessment report of the Intergovernmental Panel on Climate Change (IPCC). Cambridge Univ. Press, UK.
- IPCC. 2007. Summary for policymakers. Climate change 2007: Impacts, adaptation and vulnerability: Contribution of working group II to the fourth assessment report of the intergovernmental panel on climate change. Cambridge Univ. Press, UK.
- IPCC. 2007a. Climate change 2007: The physical science basis: Summary for policy makers. Contribution of working group 1 to the Fourth Assessment Report of IPCC. Cambridge Univ. Press, UK.
- IPCC. 2007b. Climate change 2007: Impacts, adaptation and vulnerability. Contribution of working group 2 to the Fourth Assessment Report of IPCC. Cambridge Univ. Press, UK.
- IRIN. 2006. Pastoralist communities in Turkana face rising HIV rate. Available at <http://www.aegis.com/news/irin/2006/> IR061014.html. Integrated Regional Information Network, Geneva.
- IRRI. 1993. Rice almanac. IRRI, Manilla.
- Irz, X., L. Lin, C. Thirtle, and S. Wiggins. 2001. Agricultural productivity growth and poverty alleviation. Dev. Policy Rev. 19:449-466.
- Isaacs, M., M. Hara, and J. Raakjær-Nielsen. 2005. South African fisheries reform: Past, present and future? PLAAS Policy Brief No. 16. Univ. Western Cape, South Africa.
- Isaacs, M., M. Hara, and J. Raakjær-Nielsen. 2007. Has reforming South African fisheries contributed to wealth redistribution and poverty alleviation? Ocean Coastal Manage. 50:301-313.

- Itano, N. 2005. Africa's cell phone boom creates a base for low-cost banking. Available at http://www.usatoday.com/tech/products/gear/2005-08-28-cell-banksafrica_x.htm. Christian Science Monitor.
- ITU. 2004. Has Africa's ICT renaissance begun? Available at <http://www.itu.int/AFRICA2004/media/renaissance.html>. International Telecommunication Union, Switzerland.
- Izac, A.-M., and P.A. Sanchez. 1998. Toward a natural resource management paradigm for international agriculture: Example of agroforestry research. ICRAF, Nairobi.
- Jackson, L.E., U. Pascual, and T. Hodgkin. 2007. Utilizing and conserving agrobiodiversity in agricultural landscapes. *Agric. Ecosyst. Environ.* 121:196-210.
- Jacobsen, P. 1991. ECF immunisation in southern highlands, 1990-1991. Proc. Sci. Conf. Tanzania Vet. Assoc. (TVA) 9th, Arusha, 3-5 Dec 1991.
- Jaffe, G. 2006. Comparative analysis of the national biosafety regulatory systems in East Africa: Biotechnology in Africa's development. EPTD Disc. Pap. 146. IFPRI, Washington DC.
- Jaffee, S. 2003. From challenge to opportunity: The transformation of the Kenyan fresh vegetable trade in the context of emerging food safety and other standards in Europe. ARD Disc. Pap. 2. World Bank, Washington DC.
- Kane, S., T. Sallah, G. Alex, and K. van der Meer. 2004. Horticultural exports from developing countries. *Agric. Investment Sourcebook* Module 06. World Bank, Washington DC.
- Jahnke, H.E. 1982. Livestock production systems and livestock development in tropical Africa. Keiler Wissenschaftsverlag Vauk, Germany.
- James, C. 2007. Global status of commercialized biotech/GM crops. Brief No. 35-2006. ISAAA, Ithaca NY.
- Jamu, D., and R.E. Brummett. 2004. Opportunities and challenges for African aquaculture. The WorldFish Center, Penang.
- Jarvis, D., B. Sthapit, and L. Sears (ed) 2000. Conserving agricultural biodiversity in situ: A scientific basis for sustainable agriculture. IPGRI, Rome.

Literatur

- Jayne, T., M. Villarreal, P. Pingali, and G. Hemrich. 2004. Interactions between the agricultural sector and the HIV/AIDS pandemic: Implications for agriculture policy. *ESA Working Pap. 04-06.* FAO, Rome.
- Johnson, B. 2000. Genetically modified crops and other organisms: Implications for agricultural sustainability and biodiversity. In G.J. Persley and M.M. Lantin (ed) *Agricultural biotechnology and the poor.* CGIAR, Washington DC.
- Johnson, N., N. Lilja, and J.A. Ashby. 2003. Measuring the impact of user participation in natural resource management research. In D.J. Watson (ed) *Proc. Int. Conf. Impact of agricultura research and development: Why has impact assessment research not made more of a difference?* CIMMYT, Mexico.
- Juma, S.K. 2004. Tanzania marine and coastal environment management project (MACEMP): Environmental and social situation analysis. Min. Natural Resources Tourism, United Rep. Tanzania.
- Kabayo, J.P. 2002. Aiming to eliminate tsetse from Africa. *Trends Parasitol.* 18:473-475.
- Kabeh, J.D., and N.E.S. Lale. 2004. Effect of preharvest sprays of neem (*Azadirachta indica* A. Juss) seed products and pirimiphos methyl and harvest seed modification on infestation of cowpeas by storage bruchids in the field and store in Maiduguri, Nigeria. *Nigerian J. Entomol.* 21:104-116.
- Kajoba G.M. 1993. Food crisis in Zambia. Zambia Printing Co., Lusaka.
- Kamara, A., and H. Sally. 2004. Water management options for food security in South Africa: Scenarios, simulations, and policy implications. *Dev. South. Afr.* 21:365-384.
- Kambewwa, B.M.D., M.-W. Mfilitilodze, K. Huttner, C.B.A. Wollny, and R.K.D. Phoya. 1997. The use of indigenous veterinary remedies in Malawi: Ethnoveterinary medicine, alternatives in livestock development. *Proc. Int. Conf.,* Pune, India. 4-6 Nov 1997. BAIF Dev. Res. Found., Pune.
- Kamuni, P.M., J.S. Oketch, and C. Huggins. 2005. Land access and the return and resettlement of IDPs and refugees in Burundi. p. 195-267. In

- C. Huggins and J. Clover (ed) From the ground: Land rights, conflict and peace in sub-Saharan Africa. African Centre for Technology Studies, Nairobi and Inst. for Security Studies, Pretoria.
- Kandji, S.T., L. Verchot, and J. Mackensen. 2006. Climate change and variability in the Sahel region: Impacts and adaptation strategies in the agricultural sector. World Agroforestry Centre and UNEP, Nairobi.
- Kante, S. 2001. Gestion de la fertilité des sols par classe d'exploitation au Mali Sud. (In French). PhD thesis. Wageningen Univ., Netherlands.
- Kante, S. 2001. Gestion de la Fertilité Des Sols par Classe d'Exploitation au Mali-Sud. (In French). Doctoral thesis. Wageningen Univ., Netherlands.
- Karekezi, S., K. Lata, and S.T. Coelho. 2004. Traditional biomass energy: Improving its use and moving to modern energy use. Thematic background paper. Int. Conf. Renewables, Bonn, 1-4 June 2004. GTZ.
- Kartha, S., G. Leach, and S.C. Rajan. 2005. Advancing bioenergy for sustainable development: Guidelines for policymakers and investors. ESMAP, Washington DC.
- Kelly, V. 2006. Factors affecting demand for fertilizer in sub-Saharan Africa. ARD Disc. Pap. 23. World Bank, Washington DC.
- Kenya Ministry of Agriculture. 2004. Strategy for revitalizing agriculture (2004-2014). Available at http://www.kilimo.go.ke/index.php?option=com_content&task=view&id=15&Itemid=99999999. Gov. Kenya, Nairobi.
- Kim, H., and J. Kim. 2003. Diversity, institutions and economic growth in Sub-Saharan Africa. 1st KIEP Africa Regional Seminar, Korean Inst. Econ. Policy, 27 Feb 2003. Available at <http://www.keusa.or.kr/europe/Document/2003-2/2003-2-5.pdf>.
- Kindt, R., A.J. Simons, and P. van Damme. 2004. Do farm characteristics explain differences in tree species diversity among western Kenyan farms? Agrofor. Syst. 63:63-74.
- King, H. 1993. Aquaculture development and environmental issues in Africa. R. Pullin et al. (ed) Environment and aquaculture in developing countries. ICLARM, Manila.

Literatur

- Kirk, E. 1996. The role of land tenure and property rights in sustainable resource use: The case of Benin. In Guiding principles: Land tenure in development cooperation. GTZ, Eschborn.
- Kirkby, R.A. 1990. The ecology of traditional agroecosystems in Africa. p. 173-180. In M.A. Altieri and S.B. Hecht (ed) Agroecology and small farm development. CRC Press, Boca Raton.
- Kirschbaum, M.U.F. 2004. Direct and indirect climate change effects on photosynthesis and transpiration. Plant Biol. 6:242-253.
- Kiszewski, A., and A. Teklehaiamanot. 2004. A review of the clinical and epidemiological burdens of epidemic malaria. Am. J. Trop. Med. Hyg. 71:128-135.
- Kochlar, S.L. 1986. Tropical crops: A textbook of economic botany. Macmillan, New York.
- Kuiseu, J., and A. Thiam. 2006. Locust in the Sahel: Delayed response is fatal. Agric. Rural Dev. 13:63-64.
- Kumwenda, J.D.T., S. Waddington, S.S. Snapp, J.B. Jones, and M.J. Blackie. 1997. Soil fertility management in the smallholder maize based cropping systems of eastern and southern Africa. p. 153-172. In C. Eisher (ed) The emerging maize revolution. Michigan State Univ., E. Lansing.
- Kydd J., A. Dorward , J. Morrison, and G. Cadisch. 2002. Agricultural development and pro poor economic growth in sub-Saharan Africa: Potential and policy. Available at <http://ageconsearch.umn.edu/bitstream/123456789/25394/1/adwp0204.pdf>. ADU Working Pap. 02/04. Imperial Coll. Sci. Tech. Med., Wye.
- Lakew, K., and Y. Mekonnen. 1998. The health status of northern Omo State farm workers exposed to chloropyrifos and profenifol. Ethiop. Med. J. 36:175-184.
- Lal, R. 1999. Integrated watershed management in the global ecosystem. CRC Press, Boca Raton FL.
- LEAD (Livestock, Environment and Development). 2003. Livestock and environment toolbox. Available at <http://lead.virtualcentre.org/en/dec/toolbox>. FAO, Rome.

- Leakey, R.R.B. 1999. Agroforestry for biodiversity in farming systems. p. 127-146. In W.W. Collins and C.O Qualet (ed) Biodiversity in agroecosystems. CRC Press, Boca Raton FL.
- Leakey, R.R.B. 2001. Win:Win landuse strategies for Africa 1: Building on experience with agroforests in Asia and Latin America. Int. For. Rev. 3:321-330.
- Leakey, R.R.B., and A.C. Newton. 1994. Tropical trees: The potential for domestication and Rebuilding of Forest Resources. HMSO, London.
- Leakey, R.R.B., and Z. Tchoundjeu. 2001. Diversification of tree crops: Domestication of companion crops for poverty reduction and environmental services. Exp. Agric. 37:279-296.
- Leakey, R.R.B., Z. Tchoundjeu, K. Schreckenberg, S.E. Shackleton, and C.M. Shackleton. 2005. Agroforestry tree products (AFTP's): Targeting poverty reduction and enhanced livelihoods. Int. J. Agric. Sustain. 3:1-23.
- Leakey, R.R.B., Z. Tchoundjeu, K. Schreckenberg, S.E. Shackleton, and C.M. Shackleton. 2005. Agroforestry tree products (AFTP's): Targeting poverty reduction and enhanced livelihoods. Int. J. Agric. Sustain. 3:1-23.
- Leakey, R.R.B., Z. Tchoundjeu, K. Schreckenberg, S.E. Shackleton, and C.M. Shackleton. 2005. Agroforestry tree products (AFTP's): Targeting poverty reduction and enhanced livelihoods. Int. J. Agric. Sustainability 3:1-23.
- Lebbie, S.H.B. 1996. Livestock and food security in smallholder production systems in Africa: Beyond meat and milk. p. 381-396. In Food security in Africa: Challenges, opportunities, and targets for animal production. Proc. Conf. South African Society of Animal Science, Germiston, South Africa.
- Leisz, S. 1998. Burundi Country Profile. J. Bruce (ed) Country profiles of land tenure: Africa. Research Pap. 130. Land Tenure Center, Univ. Wisconsin, Madison.
- Lelo, K.F., and P.M. Makenzi. 2000. Sustainable use and development in sub-Saharan Africa: Proc. 2nd Pan-African Symp. Sustainable use of natural resources in Africa, Ouagadougou. July 2000. Available at <http://www.iucn.org/themes/ssc/susg/resources/pas2.htm>. IUCN, Gland.

Literatur

- Lemons, J., R. Victor, and D. Schaffer (ed) 2003. Conserving biodiversity in arid regions: Best practices in developing nations. Kluwer Acad. Publ., Hingham MA.
- Lengkeek, A.G., H. Jaenicke, and I.K. Dawson. 2005. Genetic bottlenecks in agroforestry systems: Results of tree nursery surveys in East Africa. Agrofor. Syst. 63:149-155.
- Lepers, E., E.F. Lambin, A.C. Janetos, R. DeFries, F. Achard, N. Ramankutty, and R.J. Scholes. 2005. A synthesis of information on rapid land-cover change for the period 1981-2000. Available at <http://www.geo.ucl.ac.be/LUCC/lucc.html>.
- Leshner, A.I. 2007. Outreach training needed. Editorial. Science 315:161.
- Levey, L.A., and S.J. Young (ed) 2002. Rowing upstream: Snapshots of pioneers of the information age in Africa. Sharp Media, Johannesburg.
- Lilja, N. 2003. Impact of participatory plant breeding: An overview. Available at <http://www.sgrp.cgiar.org/Publications/QoS-FinalReportFeb18.pdf>. p. 30. L. Sperling (ed) Proc. Workshop: The quality of science in participatory plant breeding. Rome, 30 Sept-4 Oct 2002. CGIAR, Washington DC.
- Lilles, J.P.B., L.P. Dhakal, P.K. Jha, and H.L. Aryal. 2001. Addressing small holders demand for propagation material of woody species part I: Analysis and strategy proposal. HMG/Danida Seed Centre, Humlebaek.
- Liniger, H., and W. Critchley (ed) 2007. Where the land is greener: Case studies and analysis of soil and water conservation initiatives worldwide. WOCAT, CTA, Wageningen, FAO, Rome, UNEP, Nairobi and CDE, Berne.
- Liniger, H.P., D.B. Thomas, and H. Hurni. 1998. WOCAT—World overview of conservation approaches and technologies— preliminary result from eastern and southern Africa. p. 1037-1046. In Towards sustainable land use. Vol. II. Adv. Geoeology 31. Catena Verlag, Germany.
- Lohmeyer, U. (ed) 2002. Back to basics: Traditional inland fisheries management and enhancement systems in sub-Saharan Africa and their potential for development. COFAD, Tutzing and GTZ, Eschborn.

- Lundgren, L. 1993. Twenty years of soil conservation in Eastern Africa. Reg. Soil Conserv. Unit Tech. Handbook 4. SIDA, Nairobi.
- MA (Millennium Ecosystem Assessment). 2005. Ecosystems and human well-being: Current state and trends: Findings of the conditions and trends working group. Island Press, Washington DC.
- MA. 2005a. Biodiversity: Current state and trends assessment. Island Press, Washington, DC.
- MA. 2005b. Subglobal scenarios in ecosystems and human well-being: Subglobal assessments. Millennium Ecosystem Assessment, Island Press, Washington DC.
- MA. 2005c. Ecosystems and human well-being: Biodiversity synthesis. Millennium Ecosystem Assessment Island Press, Washington DC.
- Mafongoya, P.L., A. Bationo, J. Kihara, and B.S. Waswa. 2006a. Appropriate technologies to replenish soil fertility in southern Africa. Nutr. Cycl. Agroecosyst. 76:137-151.
- Mafongoya, PL., E. Kuntashula and G. Sileshi. 2006b. Managing soil fertility and nutrient cycles through fertilizer trees in southern Africa. p. 273-289. In N. Uphoff et al. (ed) Biological approaches to sustainable soil systems. CRC Press, Boca Raton FL.
- Maganga, F.P., H.L. Kiwasila, I.H. Juma, and J.A. Butterworth. 2004. Implications of customary norms and laws for implementing IWRM: Findings from Pangani and Rufiji basins, Tanzania. Phys. Chem. Earth 29:1335-1342.
- Maghembe, J.A., A.J. Simons, F. Kвесига, and M. Rarieya. 1998. Selecting indigenous trees for domestication in Southern Africa: Priority setting with farmers in Malawi, Tanzania, Zambia and Zimbabwe. ICRAF, Nairobi.
- Makkar, H.P.S., and G.J. Viljoen (ed) 2005. Application of gene-based technologies for improving animal production and health in developing countries. Springer, Netherlands.
- Makumba, W., B. Janssen, O. Oenema, F.K. Akinnifesi, D.Mweta, and F. Kвесига. 2006. The long term effects of a gliricidiamaze intercropping

Literatur

- system in Southern Malawi on gliricidan and maize yields, and soil properties. *Agric. Ecosyst. Environ.* 116:85-92.
- Malakooti, M.A., K. Biomndo, and G.D. Shanks. 1998. Reemergence of epidemic malaria in highlands of western Kenya. *Emerg. Infect. Dis.* 4:671-676.
- Malaney, P., A. Spielman, and J. Sachs. 2004. The malaria gap. *Am. J. Trop. Med. Hyg.* 71:141-146.
- Mando, A. 1997. The role of termites and mulch in the rehabilitation of crusted Sahelian soils. Ph.D thesis. Wageningen Univ., Netherlands.
- Manuh, T. 1998. Women in Africa's development: Africa recovery. Briefing Pap. 11. Available at <http://www.un.org/ecosocdev/geninfo/afrec/bpaper/maineng.htm>. UN, Geneva.
- Marley, P.S. 1996. The importance of fungi in cereals grain storage. *NOMA* 12:13-17.
- Marples, H.J.S. 1964. An analysis of milk production in shorthorn Zebu herd at Entebbe. *Trop. Agric.* 41:15-19.
- Masters, W. 2002. Overview and priorities for science and technology in West Africa. USAID West Africa regional program to end hunger in Africa (IEHA). USAID, Washington DC.
- Matlon, P. 1987. The West African semi-arid tropics. In J. Mellor et al. (ed) Accelerating food production in sub-Saharan Africa. Johns Hopkins Univ. Press, Baltimore MD.
- Mavedzenge, B., F. Murimbarimba, and C. Mudzivo. 1999. Experiences of farmer participation in soil fertility research in southern Zimbabwe. *Managing Africa's soils* 5. Nottingham Press, UK.
- McCann, J.C. 2005. Maize and grace: Africa's encounter with a new world crop 1500-2000. Harvard Univ. Press, Cambridge.
- McKinley, T. 2005. Economic alternatives for sub-Saharan Africa: Poverty traps, MDG-based strategies and accelerated capital accumulation: Paper for the G-24 Meeting, 15-16 Sept 2005. Available at <http://www.g24.org/mcki0905.pdf>. UNDP, New York.
- McNeely, J.A. (ed) 2001. The great reshuffling: Human dimensions of invasive alien species. IUCN, Gland, Switzerland and Cambridge, UK.

- McNeely, J.A., and S.J. Scherr. 2003. Ecoagriculture: Strategies to feed the world and save wild biodiversity. Island Press, Washington DC.
- Meilleur, B.A., and T. Hodgkin. 2004. In situ conservation of crop wild relatives: Status and trends. *Biodiversity Conserv.* 13:663-684.
- Meinzen-Dick, R., A. Knox, B. Swallow, and F. Place. 2002. Innovation in natural resource management: The role of property rights and collective action in developing countries. IFPRI, Washington DC.
- Mekonnen, Y., and A. Gessesse. 1998. Documentation on the uses of and its possible antileishamnial and antifertility effects. SINET: Ethiop. J. Sci. 21:287-295.
- Mekonnen, Y., and T. Agonafir. 2002. Pesticide sprayers' knowledge, attitude and practice of pesticide use on agricultural farms of Ethiopia. *Occup. Med.* 52:311-315.
- Mellor, J.W., and C. Ranade. 2002. Why does agricultural growth in low and middle income countries reduce poverty so much more than urban tradable growth? Abt Assoc., Bethesda.
- Melmed-Sanjak, J. and S. Lastarria-Cornhiel. 1998. Development of good practice guidelines for land leasing: Some preliminary considerations. Internal Rep. to FAO. Land Tenure Center, Univ. Wisconsin, Madison.
- Mengesha, M.H., and S.A. Rao. 1991. Status and diversity of African germplasm collections maintained at ICRISAT. In *Crop genetic resources of Africa*. Proc. Int. Conf. Nairobi, 26-30 Sept 1988. IBPGR, UNEP, IITA, CNR, Nairobi.
- Menkir, A., and Y. Kebede. 1984. High rainfall, intermediate altitude sorghum. *Sorghum Newsl.* 27:3-4.
- Mesko, N., E. Wiegers, V. Hermanrud. 2003. Impacts of HIV/AIDS on agriculture in Namibia, Uganda and Zambia. FAO/World Agric. Inform. Center, Rome.
- Metcalf, D., J.D. Astwood, R. Townsend, H.A. Sampson, S.L. Taylor, and R.L. Fuchs. 1996. Assessment of the allergenic potential of foods derived from genetically engineered crop plants. *Crit. Rev. Food Sci. Nutr.* 36:S165-S186.

Literatur

- Michon, G., and H. de Foresta. 1999. Agroforests: Incorporating a forest vision in agroforestry. L.E. Buck et al. (ed) Agroforestry in sustainable agricultural systems. CRC Press and Lewis Publ., New York.
- Mickels-Kokwe, G. 2006. Small-scale woodland based enterprises with outstanding economic potential: The case of honey in Zambia. CIFOR, Bogor.
- Minja, M.M.J. 1994. Medicinal plants used in the promotion of animal health in Tanzania. Office Int. des Epizooties, Revue, Scientifique Technique, 13:3.
- Minja, M.M.J., and R.D. Allport. 2001. Ethnoveterinary knowledge practiced by Maasai in Simanjiro district northern Tanzania: Ethnoveterinary knowledge project. Ministry of water and livestock development/VETAID, Tanzania.
- Minot, N., and M. Ngigi. 2004. Are horticultural exports a replicable success story? Evidence from Kenya and Côte d'Ivoire. Available at <http://www.ifpri.org/divs/mtid/dp/mtidp73.htm>. IFPRI, Washington DC.
- Minot, N., and M. Ngigi. 2004. Are Kenya's horticultural exports a replicable success story? 2020 Vision Briefs 12 No. 77. IFPRI, Washington DC.
- Mistry, P. 1995. Open regionalism: Stepping stone or milestone towards an improved multilateral trading system? p. 3-22. In J.J. Teunissen (ed) Regionalism and the global economy. FONDAD, The Hague.
- MNRT (Ministry of Natural Resources and Tourism). 1998. National Forest Policy. Gov. Tanzania, Dar es Salaam.
- MNRT (Ministry of Natural Resources and Tourism). 2002a. Beekeeping Act No. 15. Gov. Tanzania, Dar es Salaam.
- MNRT (Ministry of Natural Resources and Tourism). 2002b. Forest Act No. 14. Gov. Tanzania, Dar es Salaam.
- Molden, D.J., and C. de Fraiture. 2004. Investing in water for food, ecosystems and livelihood. IWMI, Colombo.

- Morrison, W.I., M. Murray, and W.I.M. McIntyre. 1981. Bovine trypanosomiasis. M. Ristic and I. McIntyre (ed) Diseases of cattle in the tropics. Martinus Nijhoff Publ., the Hague.
- Mortimore, M., and M. Tiffen. 1995. Population and environment in time perspective: The Machakos story. p. 69-90. T. Binns (ed) Population and environment in Africa. Wiley, Chichester.
- Moyo, S. 2005. Land question and land reform in southern Africa. Presentation at RSA Land Summit, Soweto, 28 Sep-1 Aug 2005.
- Moyo, S., and P. Yeros. 2005. Resurgence of social movements. S. Moyo and P. Yeros (ed) Reclaiming the land: The resurgence of rural movements in Africa, Asia and Latin America. Zed Books, London.
- Msechu, J.K.K., S.M. Das, and D.B. Mpuri. 1987. Improvement of zebu cattle productivity through breeding. TSAP Proc. 14:1-22.
- Muchena, P. 1994. Implications of climate change for maize yields in Zimbabwe. Implications of climate change for international agriculture: Crop modeling study. EPA, Washington DC.
- Mukanda, N., and R. Mwiinga. 1993. Soil and water management in Zambia. p. 37-40. N. Hudson and R. Cheatle (ed) Working with farmers for better land husbandry. IT Publ., London.
- Muleba, N., and H.C. Ezumah. 1985. Optimizing cultural practices for cowpea in Africa p. 289-295. In S.R. Singh, and K.O. Rachie (ed) Cowpea research, production and utilization. John Wiley, UK.
- Muntemba, S., and C.M. Blackden. 2000. Gender and poverty in Africa. Conf. on Poverty Alleviation in Africa, Nairobi, 6-10 Mar 2000. CAPA/World Bank, Washington DC.
- Murwira, H. K., M.J. Swift, and Frost. 1995. Manure as a key resource in sustainable agriculture. p. 131-148. J.M. Powell et al. (ed) Livestock and sustainable nutrient cycling in mixed farming systems of sub-Saharan Africa II. ILCA, Addis Ababa.
- Murwira, H.K., and H. Kirchmann. 1993. Comparison of carbon and nitrogen mineralisation of cattle manure subjected to different treatments, in Zimbabwean and Swedish soils. R. Merrkx and J.

Literatur

- Mulongoy (ed) The dynamics of soil organic matter in relation to the sustainability of tropical agriculture. John Wiley, Leuven.
- Murwira, H.K., P. Mutuo, N. Nhamo, Marandu, R. Rabeson, M. Mwale et al. 2002. Fertilizer equivalency values of organic materials of differing quality. 113-122. B. Vanlauwe et al. (ed) Integrated nutrient management in sub-Saharan Africa. CAB Int., Wallingford.
- Musahara, H., and C. Huggins. 2005. Land reform, land scarcity and post-conflict reconstruction: A case study of Rwanda. p. 269-346. In C. Huggins and J. Clover (ed) From the ground: Land rights, conflict and peace in sub-Saharan Africa. Inst. Security Studies, African Centre Tech. Studies, Nairobi.
- Musibono, D.E. 1992. Qualite de l'Eau et Aquaculture: Une approche d'Ecodeveloppement. (In French). MTD Engineering, Kinshasa.
- Musibono, D.E., and K. Mbale. 1995. Notes préliminaires sur une plante aquatique tropicale, Hydrocharis chevalieri (DeWild) Dandy, à potentialités socio-économiques (In French). Annales Fac. Sci. UNIKIS, Kisangani, Zaire.
- Myers, N. 1986. Tackling extinction of species: A great creative challenge. Albright lecture, Univ. California, Berkeley.
- Myers, N. 1988. Tropical forests and their species: Going, going ...? p. 28-34. E.O. Wilson (ed) Biodiversity. Nat. Acad. Press, Washington DC.
- Nagayets, O. 2005. Small farms: Current status and key trends: Information brief prepared for the Future of Small Farms Research Workshop, Wye College, 26-29 June 2005. Available at <http://www.ifpri.org/events/seminars/2005/smallfarms/sfproc/> Appendix_InformationBrief.pdf.
- Nakimbugwe, H., J. Solkner, and A. Williams. 2004. Open nucleus cattle breeding program in the Lake Victoria crescent region of Uganda. Proc. Conf. Rural Poverty Reduction Research and Development. Trans. Deutscher Tropentag, Berlin. 5-7 Oct 2004. Humboldt Univ., Berlin.
- Ndam, N., 2004. *Prunus africana*: A traditional medicine finds international fame. p. 33-36. In C. Lopez and P. Shanley (ed) Riches of the forests: For health life and spirit in Africa. CIFOR, Bogor.

- Ndlovu, L.R., and P.H. Mugabe. 2002. Nutrient cycling in integrated plant-animal systems: Implications for animal management strategies in smallholder farming systems. C.B. Barrett et al. (ed) Natural resources management in African agriculture: Understanding and improving current practices. CAB Int., UK.
- Ndoye, O., and J.C. Tieguhong. 2004. Forest resources and rural livelihoods: The conflict between timber and non-timber forest products in the Congo Basin. Scand. J. For. Res. 19(S4):1-9.
- Neiland, A.E., S. Chimatiro, U. Khalifa, B.M.B. Ladu, and D. Nyeko. 2005. Inland fisheries in Africa: Key issues and future investment opportunities for sustainable development. NAGA Q. 28:3-4. World Fish Center, Penang.
- Nelson, F. 2007. Emergent or illusory? Community wildlife management in Tanzania. Issue Pap. 146. Int. Inst. Environ. Dev., London.
- Neondo, H. 2002. More Kenyans consume raw milk due to poverty. Available at <http://www.cityfarmer.org/milkKenya.html> Urban Agric. Notes, Canada's Off. Urban Agric.
- NEPAD. 2001. A new African initiative. Merger of the millennium partnership for the African recovery programme (map) and omega plan. Available at <http://www.nepad.org.ng/PDF/About%20Nepad/NAI.pdf>. NEPAD, South Africa.
- NEPAD. 2002. Comprehensive African agriculture development programme. NEPAD Secretariat, South Africa.
- NEPAD. 2003. Comprehensive African agriculture development program. Available at www.nepad.org/2005/files/documents/caadp.pdf. NEPAD Secretariat, African Union, Nairobi.
- NEPAD. 2004. Implementing the comprehensive Africa agriculture development programme and restoring food security in Africa. Available at www.nepad.org/2005/files/documents/172.pdf. NEPAD, South Africa.
- NEPAD. 2005. Africa fish for all. NEPAD Fish for All Summit, Abuja, 22-25 Aug 2005. NEPAD, WorldFish Center, FAO, Rome.

Literatur

- Nestle, B. 1984. Animal production systems in different regions. p. 131-140. B. Nestle (ed) World animal science: Development of animal production systems. Elsevier, Amsterdam.
- Neuenschwander, P. 1993. Human interactions in classical biological control of cassava and mango mealybugs on subsistence farms in tropical Africa. p. 143-177. In M.A. Altieri (ed) Crop protection strategies for subsistence farmers. Westview Press, Boulder.
- Neuenschwander, P., C. Borgemeister, and J. Langewald. 2003. Biological control in IPM Systems in Africa. CABI Publ., UK.
- Ngono, L.D., and O. Ndoye. 2004. Njansang and bush mango: Cameroonian seeds in national and international markets. p. 21-24. In C. Lopez and P. Shanley (ed) Riches of the forests: For health life and spirit in Africa. CIFOR, Bogor.
- Ngowi, A.V., D.N. Maeda, C. Wesseling, T.J. Partanen, M.P. Sanga, and G. Mbise. 2001. Pesticide-handling practices in agriculture in Tanzania. Int. J. Occup. Environ. Health 7:326-32.
- Ngugi, D. 2005. ISNAR division's stakeholders need assessment for Eastern and Central Africa: Synthesis report. IFPRI, Addis Ababa.
- Ngwale J., G. Kamukala, G.W. Bashagi, and R. Lima. 2004. Kilwa district consultations: Design of Rufiji-Mafia-Kilwa seascape marine coastal resources management programme. Prepared for the World Wildlife Fund, Dar es Salaam.
- Ninnin, B. 1994. Elements d'Economie spatiale des energies traditionnelles: Application au cas de cinq pays sahelens: Burkina Faso, Gambie, Mali, Niger, Senegal. (In French). Review of policies in the traditional energy sector. World Bank, Washington DC.
- Njobe, B. 2003. NEPAD's comprehensive African agricultural program. p. 7-8. In A. Omore and D. Sheikh (ed) Study on science and technology strategies for improving agricultural productivity and food security in eastern and central African countries. Proc. Conf. Workshop E. and C. Africa, Nairobi, 31 Jan-2 Feb 2003. ASARECA, IAC, Entebbe.
- Nordlee, J.A., S.L. Taylor, J.A. Townsend, L.A. Thomas, and R.K. Bush. 1996. Identification of Brazil nut allergen in transgenic soybeans. New Eng. J. Med. 334:688-692.

- Norse, D., and J. B. Tscharley. 2000. Links between science and policy making. *Agric. Ecosyst. Environ.* 82:15-26.
- Norval, R.A.I., B.D. Perry, and A.S. Young. 1992. The epidemiology of Theileriosis in Africa. Academic Press, London.
- NRC (National Research Council). 1979. Tropical legumes: Resources for the future. Nat. Acad. Sci., Washington DC.
- NRC. 2004. Biological confinement of genetically engineered organisms. Nat. Acad. Press, Washington DC.
- NRI. 2002. Smallholders in export horticulture: A guide to best practices. Nat. Resources Inst., Kent.
- Ntare, B.R., F. Waliyar, M. Ramouch, E. Masters, and J. Ndjeunga (ed) 2005. Market prospects for groundnut in West Africa? CFC Tech. ICRISAT, India.
- Ntiamoa-Baidu, Y. 1997. Wildlife and food security in Africa: FAO conservation guide. FAO, Rome.
- Nyong, A. 2005. Impacts of climate change in the tropics: The African experience. Available at http://www.stabilisation2005.com/Tony_Nyong.pdf. Univ. Jos, Nigeria.
- OAU. 1980. The Lagos plan of action for the economic development of Africa: 1980-2000. Available at http://www.uneca.org/itca/ariportal/docs/lagos_plan.pdf. Org. African Unity, Addis Ababa.
- Oba, G., and D.G. Kotile. 2001. Assessment of landscape level degradation in southern Ethiopia: Pastoralists versus ecologists. *Land Degrad. Dev.* 12:461-475.
- Obuobie, E., B. Keraita, G. Danso, P. Amoah, O.O. Cofie, L. Raschid-Sally et al. 2006. Irrigated urban vegetable production in Ghana: Characteristics, benefits and risks. Available at <http://www.cityfarmer.org/GhanaIrrigateVegis.html>. IWMI-RUAF-IDRC-CPWF, Accra.
- Ochieng, C.M.O. 2007. Revitalising African agriculture through innovative business models and organizational arrangements: Promising developments in the traditional crops sector. *J. Modern Afr. Studies* 45:143-169.

Literatur

- OECD. 2006. Guiding principles on using infrastructure to reduce poverty. Report prepared by the Task Team on Infrastructure for poverty reduction. OECD, Paris.
- Ogutu, J.O., N. Bhola, and R. Reid. 2005. The effects of pastoralism on the density and distribution of carnivores and their prey in the Mara ecosystems of Kenya. *J. Zoology* 265:281-293.
- OIE (World Organization for Animal Health). 2007. Rinderpest. OIE, Paris.
- Okalebo, J.R., C.O. Othieno, P.L. Woomer, N.K. Karanja, and J.R.M. Semoka. 2006. *Nutr. Cycl. Agroecosyst.* 76:153-170.
- Okojie, C., and A. Shimeles. 2006. Inequality in sub-Saharan Africa: A synthesis of recent research on the levels, trends, effects and determinants of inequality in its different dimensions. Overseas Dev. Inst., London.
- Okoli, O.O. 1991. Yam germplasm diversity, uses and prospects for crop improvement in Africa. p. 109-117. In *Crop genetic resources of Africa. Proc. Int. Conf. Nairobi, 26-30 Sept. 1988.* IBPGR, UNEP, IITA, CNR, Nairobi.
- Okwach, G.E. 2000. Tillage and cover effects on runoff, erosion and soil characteristics in semi-arid Machakos District of Kenya. p. 114-130. In E.K. Biamah (ed) *Conservation tillage for dryland farming. Technological options and experiences in Eastern and Southern Africa. Workshop Rep. 3, RELMA, Nairobi.*
- Oldeman, L.R. 1994. The global extent of soil degradation. In D.J. Greenland and T. Szaboles (ed). *Soil resilience and sustainable land use.* CAB Int., Wallingford.
- Olsson, L., L. Eklundh, and J. Ardö. 2005. A recent greening of the Sahel: Trends, patterns and potential causes. *J. Arid Environ.* 63:556.
- Olubayo, F.M., and G.R. Port. 1997. The efficacy of harvest time modification and intercropping as methods of reducing the field infestation of cowpeas by storage bruchids in Kenya. *J. Stored Prod. Res.* 33:271-276.
- Omamo, S.W. 2003. Policy research on African agriculture: Trends, gaps and challenges. *Res. Rep. 2. ISNAR, The Hague.*

- Omamo, S.W., and J.K. Lynam. 2003. Agricultural science and technology policy in Africa. *Res. Policy* 32(9):1681-1694.
- Onduru, D.D., F.M. Muchena, L. Gachimbi, and F. Maina. 2002. Experiences with farmer field schools in Kenya: Literature review on IPM, IPPM, and INM. INMASP, The Hague.
- Onken, A.B., and C.W. Wendt. 1989. Soil fertility management and water relationships. In *Soil, crop and water management systems for rainfed agriculture in the Sudano-Sahelian zone*. Proc. Int. Workshop, Niamey, 7-11 Jan 1987. ICRISAT Sahelian Center, Niamey.
- Orden, D., H. Lofgren, and E. Gabre-Madhin. 2004. Trading up: How international trade and efficient domestic markets can contribute to African development. 2020 Afr. Conf. Brief 5. IFPRI, Washington DC.
- Ostrom, E. 2000. Collective action and the evolution of social norms. *J. Econ. Perspec.* 14:137-158.
- Oweis, T., and A. Hachum. 2001. Reducing peak supplemental irrigation demand by extending sowing dates. *Agric. Water Manage.* 50:109-123.
- Owen, E. 2005. Introduction: The need to change the “mind-set”. p. 1-11. E. Owen et al. (ed) *Livestock and wealth creation: Improving the husbandry of animals kept by resources-poor people in developing countries*. Nottingham Univ. Press, UK.
- Owusu, N., M.P. Jones, and B.N. Singh. 1999. Genetic of tolerance for iron toxicity in rice. *Res. Notes*. IRRI, Manila.
- Paarlberg, R., D. Wafula, I. Minde, and J.W. Wakhungu. 2006. Commercial export risks from approval of genetically modified (gm) crops in the COMESA/ASARECA Region. Available at http://wwwacts.or.ke/pubs/monographs/pubs/rabesa_report4.pdf. ACTS, Nairobi.
- Pala, A.O. 1976. African women in rural development: Research priorities. Am. Council Educ., Washington DC.
- Pala, A.O. 1983. Women's access to land and their role in agriculture and decisionmaking on the farm: Experiences of the Juluo of Kenya. *J. Eastern Africa. Res. Dev.* 13:69-85.

Literatur

- Paling, R.W., and R.H. Dwinger. 1993. Potential of trypanotolerance as a contribution to sustainable livestock production in tsetse affected Africa. *Vet. Q.* 50:60-67.
- Palm, C.A., S.A. Vosti, P.A.. Sanchez, and P. Ericksen. 2005. Slash-and-burn agriculture: The search for alternatives. Columbia Univ. Press, New York.
- PAN Africa. 1999. Réglementation des pesticides dangereux au Sénégal. (In French). Monitoring & Briefing 4, Pesticide Action Network, Dakar.
- PAN Africa. 2000. Regulation of dangerous pesticides in Ghana. Monitoring & Briefing 5, Pesticide Action Network, Dakar.
- PAN Asia and the Pacific. 1999. Warning: Pesticides are dangerous to your health! Stop endocrine disrupting chemicals. Pesticide Action Network, Penang.
- Pankhurst, D., and S. Jacobs. 1988. Land tenure, gender relations and agricultural production: The case of Zimbabwe's peasantry. In J. Davison (ed) Agriculture, women and land: The African experience. Westview Press, Boulder.
- Pardey, P. G., N. M. Beintema, S. Dehmer, and S. Wood. 2006. Agricultural research: A growing global divide? Univ. Minnesota, St. Paul and IFPRI, Washington DC.
- Pardey, P.G., B. Koo, B.D. Wright, M.E. Van Dusen, B. Skovmand, and S.Taba. 1999. Costing the ex situconservation of genetic resources: Maize and wheat at CIMMYT. EPTD Disc. Pap. 52. IFPRI, CIMMYT, Mexico City.
- Payne, W.J.A. 1990. An introduction to animal husbandry in the tropics. 4th ed. Longmans, UK.
- Persley, G. 1990. Biosafety in agricultural technology. p. 345-352. Biotechnology: Enhancing research on tropical crops in Africa. CTA and IITA, Ibadan.
- Persley, G. 2003. New genetics, food and agriculture: Scientific discoveries, societal dilemmas. Int. Council Sci., Paris.

- Phuthego, T.C., and R. Chanda. 2004. Traditional ecological knowledge and community based natural resources management: Lessons from a Botswana wildlife management area. *Appl. Geography* 24:57-76.
- Pigato, M. 2001. Information and communication technology, poverty, and development in sub-Saharan Africa and South Asia. World Bank, Washington DC.
- Pinstrup-Anderson, P., and M.J. Cohen. 2001. Rich and poor country perspectives on biotechnologies worldwide in an era of intellectual property. *Minnesota J. Law, Sci. Tech.* 6(1):213-252.
- Place, F. 1995. The role of land and tree tenure on the adoption of agroforestry technologies in Uganda, Burundi, Zambia, and Malawi: A summary and synthesis. Land Tenure Center, Univ. Wisconsin, Madison.
- Place, F., and K. Otsuka. 2000. Population pressure, land tenure, and tree resource management in Uganda. *Land Econ.* 76:233-251.
- Place, F., J. Ssentenza, and K. Otsuka. 2001. Customary and private land management in Uganda. K. Otsuka and F. Place (ed) *Land tenure and natural resource management: A comparative study of agrarian communities in Asia and Africa*. Johns Hopkins Press, Baltimore.
- Place, F., S. Franzel, Q. Noordin, and B. Jama. 2004. Improved fallows in Kenya: History, farmer practice and impacts. EPDT Disc. Pap. IFFPRI, Washington DC.
- Platteau, J.P. 1996. Physical infrastructure as a constraint on agricultural growth: The case of sub-Saharan Africa. *Oxford Dev. Studies* 24:189-219.
- Polgreen, L. 2007. In Niger, trees and crops turn back the desert. Available at <http://rightsandresources.org/blog/Polgreen.pdf>. NY Times 11 Feb.
- Ponte, S., J. Raakjær-Nielsen, and L. Campling. 2005. Trade and competitiveness in African fish exports: Impacts of WTO and EU negotiations and regulation. *Trade Brief no. 5/2005*. Trade Law Centre Southern Africa, Stellenbosch, South Africa.
- Ponte, S., J. Raakjær-Nielsen, and L. Campling. 2007. Swimming upstream: Market access for African fish exports in the context of WTO and EU negotiations and regulation. *Dev. Policy Rev.* 25:113-138.

Literatur

- Pottier, J. 2005. Customary land tenure in sub-Saharan Africa today: Meaning and contexts. p. 55-75. In C. Huggins and
- Pretty, J., and R. Hine. 2001. Reducing food poverty with sustainable agriculture: A summary of new evidence. Final report from the SAFE-World research project. Univ. Essex, UK.
- Prins, H.H.T. 1992. The pastoral road to extinction: Competition between wildlife and traditional pastoralism in East Africa. Environ. Conserv. 71:107-110.
- Pritchard, J.M. 1979. Africa: A study of geography for advanced students. 3rd ed. Longman, London.
- Probst, K., J. Hagmann, M. Fernandez, and J.A. Ashby. 2003. Understanding participatory research in the context of natural resource management: Paradigms, approaches and typologies. ODI, London.
- Pullin, A. 2004. Conservation biology. Cambridge Univ. Press, UK.
- Raakjær-Nielsen, J., and M. Hara. 2006. Transformation of South African industrial fisheries. Marine Policy 30:43-50.
- Raakjær-Nielsen, J., P. Degnbol, K.K. Viswanathan, M. Ahmed, M. Hara, and N.M.R Abdullah. 2004. Fisheries co-management: An institutional innovation? Lessons from South East Asia and Southern Africa. Marine Policy 28:151-160.
- Rachmeler, D. 2003. Trip report: Water hyacinth infestation at the Inga dam, Bas Congo, DRC. Innovative Resource Manage., Washington DC.
- Raup, D.M., and J.J. Sepkosky. 1984. Periodicity of extinction in the geological past. PNAS 81:801-805.
- Raven, P.H. 1987. We are killing our world. Pres. Conf. AAAS. Chicago. Feb 1987. Missouri Bot. Garden, St. Louis.
- Reardon, T., E. Crawford, V. Kelly, and B. Diagana. 1995. Promoting farm investment for sustainable intensification of African agriculture. Available at <http://aec.msu.edu/fs2/polsyn/no3.htm>. Michigan State Univ., East Lansing.
- Reich, P.F., S.T. Numbem, R.A. Almaraz, and H. Eswaran. 2001. Land resource stresses and desertification in Africa. Agro-Science 2:1-10.

- Reid, R.S., and J.E. Ellis. 1995. Livestock-mediated tree regeneration: Impacts of pastoralists on dry tropical woodlands. *Ecol. Appl.* 5:978-992.
- Reij, C. 1996. Evolution et impacts des techniques de conservation des eaux et des sols. (In French). Centre for Development Cooperation Services, Vrije Universiteit, Amsterdam.
- Reilly, B.K., E.A. Sutherland, and V. Harley. 2003. The nature and extent of wildlife ranching in Gauteng province, South Africa. *S. Afr. J. Wildlife Res.* 32(2):141-144.
- Richards, G., and C. Kirkpatrick. 1999. Reorienting inter-regional cooperation in the global political economy: The Asia-Europe meeting and beyond. *J. Comm. Market Studies* 37:653-710.
- Riise, J.C., A. Permin, and K.N. Kryger. 2005. Strategies for developing family poultry production at village level: Experiences from West Africa and Asia. *World Poult. Sci. J.* 61:15-22.
- Robbins, P., and R.S.B. Ferris. 2003. The impact of globalization on the agricultural sectors of East and Central African countries. IITA, Manila.
- Roberts, T.R. 1975. Geographical distribution of African freshwater fishes. *Zool. J. Linn. Soc.* 57:249-319.
- Robinson, E. 2006. Assessment of stakeholder knowledge, awareness, and perceptions on participatory forest management. Available at http://easternarc.or.tz/downloads/Thematic-strategies/PFM%20Awareness%20Baseline%20Survey%20_Nov%202006.pdf. United Rep. Tanzania, Dar es Salaam.
- Robinson, E., and F. Tadiar. 1996. Legal, ethical and regulatory aspects of introducing emergency contraceptives in the Philippines. *Int. Fam. Plan. Perspect.* 22:76-80.
- Rockström, J. 2001. Green water security for the food makers of tomorrow: Windows of opportunity in drought-prone savannahs. *Water Sci. Tech.* 43(4):71-78.
- Rockström, J., M. Lannerstad, and M. Falkenmark. 2007. Assessing the water challenge of a new green revolution in developing countries. *PNAS* 104:6253-6260.

Literatur

- Roose, E. 1994. Introduction à la gestion conservatoire de l'eau, de la biomasse et de la fertilité des sols (GCES). (In French). Bull. 70. FAO, Rome.
- Ruthenberg, H. 1980. Farming systems in the tropics. Clarendon Press, UK.
- Rosegrant, M.W., M.S. Paisner, S. Meijer, and J. Witcover. 2001. 2020 Global food outlook: Trends, alternatives, and choices. IFPRI, Washington DC.
- Rosegrant, M.W., M.S. Paisner, S. Meijer, and J. Witcover. 2001. Global food projections to 2020: Emerging trends and alternative futures. IFPRI, Washington DC.
- Rosegrant, M.W., S. Meijer, and S.A. Cline. 2002. International model for policy analysis of agricultural commodities and trade (IMPACT): Model description. IFPRI, Washington DC.
- Rothschild, G. 2005. The requirements for Science and Technology in agriculture in sub-Saharan Africa. Pres. APGOOD Meeting, House of Commons, London, 8 Nov 2005. Available at http://www.odi.org.uk/speeches/apgood_oct05/apgood_nov8/NotesRothschild.pdf. All Party Parliamentary Group Overseas Dev., London.
- Roy-Macauley, A., and A. Kalinganire. 2007. Agroforestry innovations for greening dryland Africa: Interest and obstacles. ICRAF, Nairobi.
- Rozner, S. 2006. Rural leasing. RAFI Note 11. Available at http://www.microlinks.org/ev_en.php?ID=14604_201&ID2=DO_TOPIC. USAID, Washington DC.
- Runge, C.F., and B. Ryan. 2004. The economic status and development of plant biotechnology in 2003: Adoption, research and development in the United States. Dept. Appl. Econ. Univ. Minnesota, Minneapolis.
- Russo, L., P. Vantomme, F. Ndeckere-Ziangba, and S. Walter. 1996. Non-wood forest products. Chap.10. In Global forest resource assessment 2000. Available at <http://www.fao.org/docrep/004/y1997e/y1997e00.HTM>. FAO, Rome.
- SADC. 2007. Communiqué of the Meeting of SADC Ministers of Employment and Labour and Social Partners Held in Lusaka, Zambia on 8-9 Feb 2007. Available at http://www.sadc.int/news/news_details.php?news_id=887. Southern Africa Dev. Community, Gaborone.

- Saito, K., and C.J. Weidemann. 1990. Agricultural extension for women farmers in Africa. Disc. Pap. 103. World Bank, Washington DC.
- Saito, K., and D. Spurling, and W. Zijp. 1992. Designing and implementing agricultural extension for women farmers. Tech. notes. World Bank, Washington DC.
- Sakaguchi, M., H. Nakamura, K. Sonoda, F. Hamada, and K. Hirai. 1996. Protection of chicken from Newcastle disease by vaccination with a kinear plasmid DNA expressing the F protein of Newcastle disease virus. Vaccine 14:747-752.
- Sanchez, P.A. 2000. Linking climate change research with food security and poverty reduction in the tropics. Agric. Ecosyst. Environ. 82:371-383.
- Sanchez, P.A. 2002. Soil fertility and hunger in Africa. Science 295:2019-2020.
- Sanchez, P.A., and M.S. Swaminathan. 2005. Hunger in Africa: The link between unhealthy people and unhealthy soils. Lancet 365:442-444.
- Sanchez, P.A., K.D. Shepherd, M.J. Soule, Place, R.J. Buresh, and A-M. Izac. 1997. Soil fertility replenishment in Africa: An investment in natural resource capital. 1-46. In R.J. Buresh et al. (ed) Replenishing soil fertility in Africa. Soil Sci. Soc. Am. Spec. Publ. 51. Madison WI.
- Sanders, J.H., B.I. Shapiro and S. Ramaswamy. 1996. The economics of agricultural technology development in sub-Saharan Africa. John Hopkins Univ. Press, Baltimore MD.
- Sandford, S. 1983. Management of pastoral development in the third world. John Wiley, ODI, London.
- Sawadogo, J.P., and V. Stamm. 2000. Local perceptions of indigenous land tenure systems: The cause of peasants, women, and dignitaries in a rural province of Burkina Faso. J. Mod. Afr. Studies 38:279-294.
- Sayer, J., C.S. Harcourt, and N.M. Collins. 1992. Conservation atlas of tropical forests: Africa. MacMillan Publ., London.
- Scherr, S. J. 1999. Soil degradation: A threat to developing country food security by 2020? FAE Discus. Pap. 27. IFPRI, Washington DC.

Literatur

- Schiere, J.B., M.N.M. Ibrahim, and H. van Keulen. 2002. The role of livestock for sustainability: Criteria and scenario studies under varying resource allocation. *Agric. Ecosyst. Environ.* 90:139-153.
- Schilling, R., and S.M. Misari. 1992. Assessment of research achievements in the savanna regions of West Africa. p. 97-112. In *Groundnut: A global perspective*. Proc. Int. Workshop, Patancheru, India. 25-29 Nov. 1991. ICRISAT, Niamey.
- Schreckenberg, K., A. Degrande, C. Mbosso, Z. Boli Baboulé, C. Boyd, L. Enyong et al. 2002. The social and economic importance of *Dacryodes edulis* (G.Don) H.J. Lam in southern Cameroon. *For. Trees Livelihoods* 12:15-40.
- Schulte-Herbruggen, B., and G. Davies. 2006. Wildlife conservation and tropical timber certification. *Conserv. Rep.* 6. Zoological Soc. London.
- Scoones, I. (ed) 1995. *Living with uncertainty: New directions in pastoral development in Africa*. Intermediate Tech. Publ., London.
- Scoones, I. 1989. Economic and ecological carrying capacity: Implications for livestock development in Zimbabwe's communal areas. *Pastoral Dev. Network Pap.* 27b. ODI, London.
- Scoones, I. 1992. Coping with drought: Responses of herders and livestock in contrasting savanna environments in southern Zimbabwe. *Human Ecol.* 20:293-314.
- Scoones, I. 1995. Exploiting heterogeneity: Habitat use by cattle in the communal areas of Zimbabwe. *J. Arid Environ.* 29:221-237.
- Scoones, I. 1998. Sustainable rural livelihoods: A framework for analysis. *Inst. Dev. Studies Work.Pap.* 72. IDS, Brighton.
- Scoones, I. 2005. Making technology work for the poor: Governing science and technology. Pres. APGOOD Meeting, House of Commons, London. 8 Nov 2005. Available at http://www.odi.org.uk/events/apgood/Agric_in_Africa_05/apgood_nov8/ NotesScoones.pdf. All Party Parliamentary Group Overseas Dev., London.
- Scott, G., M.W. Rosegrant, and C. Ringler. 2000. Roots and tubers for the 21st Century: Trends, projections, and policy options. *2020 Vision Disc. Pap.* 31. IFPRI, Washington DC.

- Sebitosi A.B., and P. Pillay. 2005. Energy services in sub-Saharan Africa: How conducive is the environment? *Energy Policy* 33:2044-2051.
- Seck, M. 1992. Unearthing the impacts of land tenure. Available at <http://archive.idrc.ca/books/reports/v222/unearth.html>. Reports 22:2. IDRC, Ottawa.
- SEI (Stockholm Environment Institute). 2002. Charcoal potential in southern Africa (CHAPOSA). Available at http://www.sei.se/chaposa/chaposaresources.html#final_report. SEI, Stockholm.
- Sere, C., and H. Steinfeld. 1996. World livestock production systems: Current status, issues and trends. *Anim. Prod. Health Pap.* 127. FAO, Rome.
- Shankar, B., and C. Thirtle. 2005. Pesticide productivity and transgenic cotton technology: The South African smallholder case. *J. Agric. Econ.* 56:97-116.
- Shapiro, B. 1994. Nutrition effects of crossbred cow adoption in Debre Berhan. ILCA, Addis Ababa.
- Sharer, R. 2001. An agenda for trade, investment, and regional integration. *Finance Dev.* 38(4).
- Sharma, H.C., and K.F. Nwanze. 1997. Insect pests of sorghum: Biology, extent of losses and economic threshold. p. 9-23. In H.C. Sharma et al. (ed) *Plant resistance to insects in sorghum*. ICRISAT, India.
- Shumway, C.A., D. Musibono, S. Ifuta, J. Sullivan, R. Schelly, J. Punga et al. 2002. Biodiversity survey: Systematics, ecology and conservation along the Congo River. Res. Report. USAID, Washington DC.
- Shepherd, G., and D. Brown. 1998. Linking international priority-setting to local institutional management. p. 77-87. S. Doolan (ed) *African rainforests and the conservation of biodiversity*. Earthwatch, Oxford.
- Shepherd, K., and F. Place. 2006. Building Africa's capacity in soil science and technology. World Agroforestry Centre, Nairobi.
- Simons A.J., H. Jaenicke, Z. Tchoundjeu, I. Dawson, R. Kindt, Z. Oginosako et al. 2000. The future of trees is on farm: Tree domestication in Africa. p. 752-760. *Forests and society: The role of research*. XXI IUFRO World Congress, Kuala Lumpur.

Literatur

- Simons, A.J., and R.B. Leakey. 2004. Tree domestication in tropical agroforestry. *Agrofor. Syst.* 61:167-181.
- Sindiga, I., N. Chacha, and M.P. Kanunah (ed) 1995. Traditional medicine in Africa. East African Educ. Publ., Nairobi.
- Singh, B.B., and H.A. Ajeigbe. 2002. Improving cowpea-cereals based cropping systems in the dry savannas of West Africa p. 278-286. In C.A. Fatokun et al. (ed) Challenges and opportunities for enhancing sustainable cowpea production. IITA, Ibadan.
- Singh, S.R., L.E.N. Jackai, G. Thotthapilly, K.F. Cardwell, and G.O. Myers. 1992. Status of research on constraints to cowpea production. p. 21-26. Biotechnology: Enhancing research on tropical crops in Africa. CTA. IITA, Ibadan.
- Sissoko, K. 1998. Et demain l'Agriculture? Options techniques et mesures politiques pour un développement agricole durable en Afrique subsaharienne: Cas du cercle de Koutiala en zone sud du Mali. (In French). PhD Thesis, Wageningen Univ., Netherlands.
- Skonhoft, A. 1998. Resource utilization, property rights and welfare: Wildlife and the local people. *Ecol. Econ.* 26(1):67-80.
- Skonhoft, A., and J.T. Solstad. 1998. Investing in wildlife pay its way? *J. Afr. Econ.* 7:237-262.
- Skutsch, J., and D. Evans. 1999. Realizing the value of irrigation system maintenance. Issues Pap. 2. IPTRID, FAO, Rome.
- Slingerland, M.A. 2000. Mixed farming: Scope and constraints in West Africa savanna. PhD thesis, Wageningen Univ., Netherlands.
- Smalberger, S.A., U. Singh, S.H. Chien, J. Henao, and P.W. Wilkens. 2006. Development and validation of a phosphate rock decision support system. *Agron. J.* 98:471-483.
- Smale, M., and P.W. Heisey. 1994. Maize research in Malawi revisited: An emerging success story? *J. Int. Dev.* 6:689-706.
- Smaling, E.M.A., S.M. Nandwa, and B.H. Janssen. 1997. Soil fertility in Africa is at stake. In R.J. Buresh et al. (ed) Replenishing soil fertility in Africa. Spec. Pub. 51. Soil Sci. Soc. Am. Madison WI.

- Smeets, E.M.W., A. Faaij, I. Lewandowski, and W.C. Turkenburg. 2007. A bottom-up assessment and review of global bio-energy potentials to 2. Progress Energy Combust. Sci. 33:56-106.
- Smeets, E.M.W., and A.P.C. Faaij. 2006. Bioenergy potentials from forestry in 2050. An assessment of the drivers that determine the potentials. Clim. Change 81:353-390.
- Smelt, A., and A. Jager. 2002. Review of the impact of changes in EU pesticides legislation (Dir. 2000/42/EG) on fresh food exports from developing countries in the EU. Univ. Wageningen, Netherlands.
- Smestad, B.T., H. Tiessen, and R.J. Buresh. 2002. Short fallows of *Tithonia diversifolia* and *Crotalaria grahamiana* for soil fertility improvements in western Kenya. Agrofor. Syst. 55:181-194.
- Smith, P., D. Martino, Z. Cai, D. Gwary, H. Janzen, P. Kumar et al. 2007. Policy and technological constraints to implementation of greenhouse gas mitigation options in agriculture. Agric. Ecosyst. Environ. 118:6-28.
- Snapp, S.S., M.J. Blackie, and C. Donovan. 2003. Realigning research and extension to focus on farmers' constraints and opportunities. Food Policy 28:349-363.
- Sonne, N. 2001. Non-timber forest products in the Campo Ma'an project area. A case study of the North Eastern periphery of the Campo Ma'an National Park, South Cameroon. World Bank/GEF Biodiversity and Management Project. World Bank, Washington DC.
- Spencer, D.C.S., P.J. Matlon, and H. Loffler. 2004. African agricultural production and productivity in perspective. Background Pap. 1: Study panel on science and technology strategies for improving agricultural productivity and food security in Africa. IAC, Netherlands.
- Staal, S.J., M. Owango, H. Muriuki, M. Kenyanjui, D. Njubi, F. Musembi et al. 2001. Dairy systems characterization of the Nairobi milk shed: Application of spatial and household analysis. KARI, MoARD, ILRI, Nairobi.
- Steen, C., R. Magnani, and L. Goldmark. 2005. Competitive strategies for agriculturerelated MSEs: From seeds to supermarket shelves. Dev. Alternatives, Washington DC.

Literatur

- Steiner, K.G. 1996. Causes of soil degradation and development approaches to sustainable soil management. Margraf Verlag Publ., Germany.
- Sternér, T. 2003. Policy instrument for environmental and natural resource management. Resource for the Future, Washington DC.
- Stiassny, M.L.J. 1996. An overview of freshwater biodiversity with some lessons from African fish. *Fisheries* 21(9):7-13.
- Stocking, M. 1985. Soil conservation policy in colonial Africa. *Agric. Hist.* 59:148-161.
- Stoorvogel J.J., and E.M.A. Smaling. 1990. Assessment of soil nutrient depletion in sub-Saharan Africa: 1983–2000. Vols. 1-4. Winand Staring Centre, Wageningen.
- Summers, L. 1991. Regionalism and the world trading system. In *Policy implication of trade and currency zones: A symposium*. Federal Reserve Bank, Kansas City.
- Swift, J. 1988. Major issues in pastoral development with special emphasis on selected African countries. FAO, Rome.
- Swift, J. 1996. Sustainable management of the soil resources: Developing a framework for research and development. World Bank, Washington DC.
- Swift, M.J., and K. Shepherd. 2007. Saving Africa's soils: Science and technology for improved soil management in Africa. World Agroforestry Centre, Nairobi.
- Swift, M.J., L. Bohren, S.E. Carter, A.-M. Izac, and P.L. Woomer. 1994. Biological management of tropical soils: Integrating process research with farm practice. p. 209-228. P.L. Woomer and M.J. Swift (ed) *The biological management of tropical soil fertility*. John Wiley, Chichester.
- Tabo, R., A. Bationo, K.D. Maimouna, O. Hassane, and S. Koala. 2005. Fertilizer micro-dosing for the prosperity of small-scale farmers in the Sahel. ICRISAT, Niamey.
- Tabor, J.A. 1995. Improving crop yields in the Sahel by means of water-harvesting. *J. Arid Environ.* 30(1):83-106.
- Tchoundjeu, Z., E. Asaah, P. Anegbeh, A. Degrande, P. Mbile, C. Facheux et al. 2006. AFTPs: Putting participatory domestication into practice in West and Central Africa. *For. Trees Livelihoods* 16:53-70.

- Teklehaimanot, Z. 2004. Exploiting the potential of indigenous agroforestry trees: *Parkia biglobosa* and *Vitellaria paradoxa* in sub-Saharan Africa. Agrofor. Syst. 61:207-222.
- Temu, A.E., and A.A. Temu. 2006. How can the poor benefit from the growing markets for high value agricultural products? High Value Agric. Production Workshop, Cali, 3-5 Oct 2005. Available at http://www.fao.org/docs/eims/upload/210989/regional_SSA.pdf. CIAT, Cali.
- Thibault, M., and S. Balney. 2003. The oil Industry as an underlying factor in the bushmeat crisis in central Africa. Conserv. Biol. 17(6):1807-1813.
- Thirtle, C., L. Beyers, Y. Ismaël, and J. Piesse. 2003. Can GM-technologies help the poor? The impact of Bt Cotton in the Makhatini Flats of KwaZulu-Natal. World Dev. 31:717-732.
- Thomas, D.S.G., and C. Twyman. 2005. Equity and justice in climate change adaptation amongst natural resource dependent societies. Global Environ. Change 15:115-124.
- Thomas, R. 2003. Revisiting the conceptual framework for INRM developed in Penang and Cali. In F. Turkelboom et al. (ed) 2003. Putting INRM into Action: 4th INRM Workshop, Aleppo, Syria. 16-19 Sept 2002. ICARDA, Aleppo.
- Thornton, P.K., P.G. Jones, T. Owiyo, R.L. Kruska, M. Herrero, P. Krisjanson et al. 2006. Mapping climate vulnerability and poverty in Africa. Report to DFID. ILRI, Nairobi.
- Thorpe, A. 2004. Mainstreaming fisheries into national development and poverty reduction strategies. Circ. 997. FAO, Rome.
- Thorpe, A., C. Reid, R. van Anrooy, and C. Brugere. 2004. African poverty reduction strategy programmes and the fisheries sector: Current situation and opportunities. African Dev. Bank, Blackwell Publ., Oxford.
- Tieghem, J.C. 2003. Review of forest charges mechanisms for non wood forest products (NWFPs) and forest services in Africa. Consultancy Report. FAO, Rome.
- Tiffen, M., M. Mortimore, and F. Gichuki. 1994. More people, less erosion: Environmental recovery in Kenya. John Wiley, Chichester.

Literatur

- Tilman, D. 1997. Distinguishing between the effects of species diversity and species composition. *Oikos* 80:185.
- Tilman, D., P.B. Reich, J. Knops, D. Wedin, T. Mielke, and C. Lehman. 2002. Diversity and productivity in a long-term grassland experiment. *Science* 294:843-845.
- Ton, P., S. Tovignan, and S.D. Vodouhe. 2000. Endosulfan deaths and poisonings in Benin. *Pesticides News* 47:12-14. Pesticide Action Network, UK.
- Torero, M., and M. Chowdhury. 2004. Increasing access to infrastructure for Africa's rural poor. Conf. Assur. Food and Nutr. Secur. Afr. 2020, Kampala, 1-3 April 2004. Available at www.ifpri.org/2020africa-conference. IFPRI, Washington DC.
- Toulmin, C., and J.F. Quan. 2000. Evolving land rights, policy, and tenure in Africa. DFID, IIED, NRI, London.
- Toure, M., and M. Noor. 2001. The role of agricultural technology in food and nutritional security in Africa: Special program for African agricultural research (SPAAR). *Afr. J. Food Nutr. Security* 1:35-44.
- Toure, R. 2003. Research for development in West and Central Africa. IDRC, Ottawa.
- Townsend, R. 1999. Agricultural incentives in sub-Saharan Africa: Policy challenges. World Bank. Washington DC.
- Townsend, R.E. 1999. Agricultural incentives in Sub-Saharan Africa: Policy challenges: Technical Pap. 444. World Bank, Washington DC.
- Tripp, R. 2003. Strengthening the enabling environment for agricultural technology development in sub-Saharan Africa. Working Pap. 212. ODI, London.
- Tweddle, D., and J. Magasa. 1989. Assessment of multispecies cichlid fisheries of the southeast arm of Lake Malawi, Africa. *J. Cons. Int. Explor. Mer.* 45:209-222.
- Twongo, T. 1995. Impact of fish species introductions on the tilapias of Lakes Victoria and Kyoga. p. 45-57. T.J. Pitcher, and P.J.B. Hart (ed) The impacts of species changes in African lakes. Fish Fisheries Ser. 18. Chapman and Hall, UK.

- Uganda Export Promotion Board. 2005. Uganda: Export performance analysis. Uganda Export Promotion Board, Kampala.
- Uganda Investment. 2005. The storage industry. Investment Authority, Kampala.
- Uganda Ministry of Works, Housing and Communications. 2003. Uganda national ICT policy framework 2003. Gov. Uganda, Kampala.
- Ukeje, E. 2004. Modernizing small holder agriculture to ensure food security and gender empowerment. Available at <http://www.g24.org/ukeje.pdf>. Intergov. Group of Twenty-Four. Washington DC.
- UN Millennium Project. 2005. Halving hunger: It can be done: Summary version of the report of task force on hunger. The Earth Inst., Columbia Univ., New York.
- UN. 2006. The Millennium Development Goals report: Statistical annex 2006. Dep. Econ. Social Affairs, UN, Geneva.
- UNCST. 2007. Bt cotton trials approved in Uganda. Uganda Nat. Council Sci. Tech., Kampala.
- UNDP. 1996. Urban agriculture, food, jobs and sustainable cities. UNDP, New York.
- UNDP. 2000. Bioenergy primer: Modernized biomass energy for sustainable development. UNDP, New York.
- UNECA. 1999. Economic report on Africa 1999: The challenge of poverty reduction and sustainability. UN Econ. Comm. Africa, Addis Ababa.
- UNECA. 2005. Assessing regional integration in Africa. ECA Policy Res. Pap. UN Econ. Commiss. Africa, Addis Ababa.
- UNECA. 2005. Structural transformation to break away from rural poverty. Chapter 4 *In* Economic report on Africa. Available at <http://www.uneca.org/era2005/chap4.pdf>. UN Econ. Comm. Africa, Addis Ababa.
- UNECA. 2007. Overview of the sustainable development report on Africa: Agricultural and rural transformation in Africa. Meeting of Afr. Comm. Sust. Dev. 5th, Addis Ababa, 22-25 Oct 2007. UN Econ. Comm. Africa, Addis Ababa.

Literatur

- UNEP. 1999. Global environment outlook 2000. UNEP, Nairobi.
- UNEP. 2002. GEO-3: Past, present and future perspectives. Earthscan, London.
- UNEP. 2002a. Africa environment outlook: Past, present and future perspectives. UNEP, Nairobi.
- UNEP. 2002b. Vital water graphics [Online]. Available at <http://www.unep.org/dewa/assessments/ecosystems/water/vitalwater/>. UNEP, Nairobi.
- UNEP. 2004. CDM information and guidebook. 2nd ed. UNEP Riso Nat. Lab., Denmark.
- UNEP. 2006a. Africa environment outlook 2. Our environment, our wealth. UNEP, Nairobi.
- UNEP. 2006a. Africa environment outlook 2: Our environment, our wealth. UNEP, Nairobi.
- UNEP. 2006b. Global deserts outlook. UNEP, Nairobi.
- UNEP. 2006c. Lake Victoria basin environment outlook. UNEP, Nairobi.
- UNEP. 2007a. Fourth global environment outlook. Chapter 6: Regional perspectives. UNEP, Nairobi.
- UNEP. 2007b. Fourth global environment outlook. Chapter 3: Land. UNEP, Nairobi.
- UNEP/DEWA/GRID. 2005. GeoData portal. Available at <http://www.grid.unep.ch/data/index.php>. UNEP, Nairobi.
- UNESCAP. 2007. What is good governance? Available at <http://www.unescap.org/pdd/prs/ProjectActivities/Ongoing/gg/governance.asp>. UNESCAP, Bangkok.
- UNESCO. 2003. International year of freshwater. Available at <http://www.wateryear2003.org/en/ev.php-URL>. Uganda Investment Authority, Kampala.
- UNFPA. 2007. Overview: Sub-Saharan Africa. Available at http://www.unfpa.org/profile/africa_overview.htm. UN Population Fund, New York.
- UNHCR. 2004. Rapid environmental assessment in the D.R. Congo: Annual technical report. UNHCR, Kinshasa.
- UNHCR. 2005. Rapid environment assessment in the D.R. Congo: Annual technical report. UNHCR, Kinshasa.

- Uphoff, N., S. Rafaralaby, and J. Rabenandrasana. 2002. What is the system of rice intensification? Available at <http://www.foodsecurity.gov.kh/sri/documents/reports/33-What%20is%20SRI.pdf>. CIIFAAD, Cornell Univ., NY.
- USAID. 2003. Internet communications for agricultural researchers. Available at http://africastories.usaid.gov/search_details.cfm?StoryID=16&countryID=4§orID=0&yearID=3. USAID, Washington DC.
- Van der Pol, F. 1992. Soil mining: An unseen contributor to farm income in southern Mali. Bull. 325. Royal Trop. Inst., Amsterdam.
- Van Ek, G.A., J. Henriet, S.F. Blade, and B.B. Singh. 1997. Quantitative assessment of traditional cropping systems in the Sudan savanna of northern Nigeria II: Management of productivity of major cropping systems. Samaru J. Agric. Res. 14:47-60.
- Van Noordwijk, M., G. Cadish, and C.K. Ong (ed) 2004. Below-ground Interactions in tropical agroecosystems: Concepts and models with multiple plant components. World Agroforestry Centre, CABI Publ., Nairobi.
- Van Noordwijk, M., J. Poulsen, and P. Erickson. 2004. Filters, flows and fallacies: Quantifying off-site effects of land use change. Agric. Ecosyst. Environ. 104:19-34.
- Vanlauwe, B., and K. Giller. 2006. Popular myths around soil fertility management in sub-Saharan Africa. Agric. Ecosyst. Environ. 116:34-46.
- Veron, J. 2007. Half the world's population is urban. Available at http://www.ined.fr/fichier/t_telechargement/13943/telechargement_fichier_en_publi_pdf2_pesa435.pdf. Popul. Societies No. 435, June.
- Vodafone. 2005. Africa: The impact of mobile phones. Policy Pap. Ser. 3. Available at http://www.vodafone.com/etc/medialib/attachments/cr_downloads.Par.78351.File.tmp/GPP_SIM_paper_3.pdf. Vodafone, UK.
- Von Blottnitz, H., and M.A. Curran. 2007. A review of assessments conducted on bio-ethanol as a transportation fuel from a net energy, greenhouse gas, and environmental life cycle perspective. J. Cleaner Prod. 15:607-619.

Literatur

- Wambura, P. N., A.M. Kapaga, and J.M. Hyera. 2000. Experimental trials with a thermal stable Newcastle disease virus (strain I2) in commercial and village chicken in Tanzania. *Prev. Vet. Med.* 43:75-83.
- Wambwa, E. 2003. Diseases of importance at the wildlife/livestock interface in Kenya. Proc. S. and E. African expert panel on designing successful conservation and development interventions for wildlife/ livestock interface. AHEAD Forum, IUCN 5th World Parks Congress, Durban, 14-15 Sept 2003. Wanyama, J.B. 1997. Confidently used ethnoveterinary knowledge among pastoralists of Samburu, Kenya. Intermediate Tech., Kenya.
- WARDA. 2003. Strategic plan 2003-2012. Available at <http://www.warda.org>. Cotonou, Benin.
- WARDA. 2005a. Medium term plan 2006-2008. Available at <http://www.warda.org>. Africa Rice Center (WARDA), Cotonou.
- WARDA. 2005b. Rice trends in sub-Saharan Africa. Available at <http://www.warda.org/publications/Rice%20Trends.pdf>. Africa Rice Center (WARDA), Cotonou.
- Weber, G. 1996. Legume-based technologies for African savannas: Challenges for research and development. *Biol. Agric. Hort.* 13:309-333.
- Weight, D., and V. Kelly. 1998. Restoring soil fertility in sub-Saharan Africa. *Int. Dev. Policy Synthesis* 37. Michigan State Univ., East Lansing.
- Weismann, U., N.F. Gichuki, P.B. Kiteme, and H. Liniger. Mitigating conflicts over scarce water resources in the highland-lowland system of Mount Kenya. *Mountain Res. Dev.* 20:10-15.
- Wells, M. 1992. Biodiversity conservation, affluence and poverty: Mismatched costs and benefits and efforts to remedy them. *Ambio* 21:237-243.
- Wezel, A., and T. Rath. 2002. Resource conservation strategies in agroecosystems of semi-arid West Africa. *J. Arid Environ.* 51:383-400.
- White, M.N. 1959. A survey of African land tenure in northern Rhodesia. p.174-178. In *J. Afr. Admin.* 11:4.
- Whitlow, J.R. 1988a. Soil conservation history in Zimbabwe. p. 299-303. *J. Soil Water Conserv.* 43:4.

- Whittingham E., J. Campbell, and P. Townsley. 2003. Poverty and coral reefs: Vol. 1-2. UNESCO, Paris.
- Whittingham, E., J. Campbell, and P. Townsley. 2003. Poverty and reefs. Vol. 1, 2. UNESCO, Paris.
- WHO. 2002. The world health report 2002: Reducing risks, promoting healthy lives. WHO, Geneva.
- WHO. 2007. UN decade to roll back malaria. Available at http://www.rbm.who.int/cmc_upload/0/000/015/367/RBMInfosheet_6.htm. WHO, Geneva.
- Wiley, L. 1997. Villagers as forest managers and governments "learning to let go": The case of Duru-Haitemba and Mgori forests in Tanzania. Forest Participation Ser. 9. IIED, London.
- Wiley, L., A. Akida, O. Haule, H. Haulle, S. Hozza, C. Kavishe et al. 2000. Community management of forests in Tanzania: A status report at the beginning of the 21st Century. Forest Trees People 42:36-45.
- Willadsen, P. 2002. Anti-tick vaccines. Parasitology 129:S1-S21.
- Williamson, M. 1996. Biological invasions. Chapman and Hall, UK.
- Williamson, S. 2003. The dependency syndrome: Pesticide use by African smallholders. Pesticide Action Network, UK.
- Wilson, D.C., J. Raakjær and P. Degnbol. 2006. Local ecological knowledge and practical fisheries management in the tropics: A policy brief. Marine Policy 30:794-801.
- Wilson, E.O. 1988. The current state of biological diversity. p. 3-17 E.O. Wilson (ed) Biodiversity. National Acad. Press, Washington DC.
- Wilson, R.T. 1995. Livestock production systems. Macmillan Education, London and CTA, Wageningen.
- Wilson, R.T. 2003. The environmental ecology of oxen used for draught power. Agric. Ecosyst. Environ. 97:21-37.
- Wilson, R.T., P.N. de Leeuw, and C. de Haan. 1983. Recherchés sur less systems en zones arides: Result preliminaries (Rapport de recherché No. 5 (In French) ILCA, Addis Ababa.

Literatur

- Wilson, T., A. Pearson, N. Bradbear, A. Jayasuriya, H. Laswai, L. Mtenga et al. 2005. Livestock products: valuable and more valuable. E. Owens et al (ed) *Livestock and wealth creation: Improving the husbandry of animals kept by resource-poor people in developing countries*. Nottingham Univ. Press, UK.
- Wolfenbarger, L.L., and P.R. Phifer. 2000. The ecological risks and benefits of genetically engineered plants. *Science* 290:2088-2093.
- Wollny, C. 2003. The need to conserve animal genetic resources in Africa: Should policy makers be concerned? *Ecol. Econ.* 45:341-351.
- Wolson, R. 2005. Towards establishment of a vibrant South African biotechnology industry: Will the recent policy interventions achieve their objective? *Int. J. Biotech.* 7:147-160.
- Wood, D., and J.M. Lenne (ed) 1999. *Agrobiodiversity: Characterization, utilization and management*. CABI, Wallingford.
- Woods, J. 2006. Science and technology options for harnessing bioenergy potential. *Bioenergy and agriculture: Promises and challenges. Focus 14, Brief 6 of 12*. IFPRI, Washington DC.
- Woods, J., B. Gareth, and J. Lindsey. 2005. Producing ethanol, electricity and heat from sugar crops in southern Africa: Policy status and prospects in a rapidly changing global environment. CARENSA, South Africa.
- World Bank. 1997. *World development indicators*. World Bank, Washington DC.
- World Bank. 2001. *WDR 2000/2001: Growth, inequality and poverty*. World Bank, Washington DC.
- World Bank. 2002. Stakeholder interaction on key issues session II: Combating soil fertility degradation in sub-Saharan Africa: Stakeholder meeting agenda item 5. Available at <http://www.worldbank.org/html/cgari/publications/agm2002/5session2soil.pdf>. Ann. Gen. Meeting, Washington DC, 30-31 Oct 2002. World Bank, Washington DC.
- World Bank. 2003. *World development report: Sustainable development in a dynamic world: Transforming institutions, growth, and quality of life*. World Bank, Washington DC.

- World Bank. 2004. Renewable energy for development: The role of the World Bank Group. World Bank, Washington DC.
- World Bank. 2006. Carbon finance annual report 2005. Carbon finance for sustainable development. World Bank, Washington DC.
- World Bank. 2006a. World development indicators. Available at <http://devdata.worldbank.org/wdi2006/contents/cover.htm>. World Bank, Washington, DC.
- World Bank. 2006b. World development report: Equity and development. World Bank and Oxford Univ. Press, Washington DC.
- World Watch Institute. 2006c. Biofuels for transportation: Global potential and implications for sustainable agriculture and energy in the 21st Century. World Watch Inst., Washington DC.
- WorldFish Center. 2005. Fish and food security in Africa. WorldFish Center, Penang.
- WRI. 1994. World resources 1994-95 A guide to the global environment. Oxford Univ. Press, New York.
- WRI. 1998. The watersheds of the world. WRI, Washington DC.
- WRI. 2002. World resources report 2001-2002. WRI, Washington DC.
- WRI. 2005. The wealth of the poor: Managing ecosystems to fight poverty. World Resources Institute, Washington DC.
- WTO (World Tourism Organization). 2005. Yearbook of tourism statistics: 1999-2003. WTO, Madrid.
- Xenopoulos, M.A., D.M. Lodge, J. Alcamo, M. Marker, R. Schulze, and D.P. van Vuuren. 2005. Scenarios of freshwater fish extinctions from climate change and water withdrawal. *Global Change Biol.* 11:1557-1564.
- Yager, T.R., P.M. Mobbs, O. Bermudez-Lugo, G.J. Coakley, and D.R. Wilburn. 2004. USGS minerals survey 2004: The mineral industries of Africa. Available at <http://minerals.usgs.gov/minerals/pubs/country/2004/africa04.pdf>. USGS, Washington, DC.
- Yaron, G., and J. White. 2002. Mainstreaming cross-cutting themes in programme and sector aid: The case of environmental issues. *Nat. Res.*

Literatur

- Perspect. 77. Available at <http://www.odi.org.uk/publications/nrp/77.pdf>. ODI, DFID, London.
- Yeats, A.J. 1998. What can be expected from African regional trade agreements: Some empirical evidence. World Bank, Washington DC.
- Young, A. 1998. Agroforestry for soil conservation. 2nd ed. CAB Int., Wallingford
- Yudelman, M. 1994. Demand and supply of foodstuffs up to 2050 with special reference to irrigation. In Feeding the world: Issues and challenges for irrigated agriculture in the 21st century. IWMI, Sri Lanka.
- Zuidberg, L. 1994. Integrated rural development: For whom and with whom? p. 49-70. V. Gianotten et al. (ed) Assessing the gender impact of development projects. Royal Trop. Inst., Amsterdam.
- Zwartz, J.A., and J.A.J. Hautvast. 1979. Food supply, nutrition and plant breeding. p. 1-44. Plant breeding perspectives: Centennial publication. Koninklijk Kweekbedrijf en Zaadhandel D.J. van der Have Centre Agric. Publ. Documentation, Wageningen.