

References

- Acemoglu, D., Johnson, S. & Robinson, A.** 2002. Reversal of fortune: geography and institutions in the making of the modern world income distribution. *Quarterly Journal of Economics*, 117: 2131–1294.
- Acemoglu, D. & Robinson, A.** 2008. *The role of institutions in growth and development*. Working Paper No.10 Commission on Growth and Development. Washington, DC, World Bank.
- Adams, R.H.** 2002. Non-farm income, land and inequality in rural Egypt. *Economic Development and Cultural Change*, 50(2): 339–363.
- Adams, R.H.** 2004. Economic growth, inequality and poverty: estimating the growth elasticity of poverty. *World Development*, 32(12): 1989–2014.
- Ahmed, M.M., Jabbar, M. & Ehui, S.** 2000. Household-level economic and nutritional impacts of market-oriented dairy production in the Ethiopian highlands. *Food Nutr. Bull.*, 21: 460–465.
- Aho, P.** 2010. *Feeding the world and the role of poultry*. Novus Poultry Roundtable. <http://dels.nas.edu/resources/static-assets/banr/animalproductionmaterials/ahopoultryperspective.pdf>.
- Ahuja, V. & Sen, A.** 2006. *Willingness to pay for veterinary services: Evidence from poor areas in rural India*. FAO-PPLPI Research Report No. 06-03. Rome, FAO.
- Akerlof, G.** 1970. The market for “lemons”: quality uncertainty and the market mechanism. *Quarterly Journal of Economics*, 84: 353–374.
- Alderman, H.** 1987. *Cooperative dairy development in Karnataka, India: An assessment*. IFPRI Research Report Series No. 64. Washington, DC, IFPRI.
- Alexandratos, N., ed.** 1995. *World agriculture: towards 2010, an FAO study*. Chichester, UK, John Wiley and Sons, and Rome, FAO.
- Alexandratos, N., Bruinsma, J., Bödeker, G., Schmidhuber, J., Broca, S., Shetty, P. & Ottaviani, M.G.** 2006. *World agriculture: towards 2030/2050. Interim report*. Rome, FAO.
- Allen, L.H., Backstrand, J.R., Stanek III, J.L., Pelto, G.H. & Chavez, A.** 1992. The interactive effects of dietary quality on the growth and attained size of young Mexican children. *Am. J. Clin. Nutr.*, 56: 353–364.
- Ayalew, W.** 2000. *Do smallholder farmers benefit more from cross-bred (Somali-Anglo-Nubian) than from indigenous goats?* Goettingen, Germany, Georg-August University. (Doctoral dissertation)
- Ayalew, W., King, J.M., Bruns, E. & Rishkowski, B.** 2001. *Economic evaluation of smallholder subsistence production: Lessons from an Ethiopian goat development program*. Fondazione Eni Enrico Mattei. www.feem.it/web/attiv/_attiv.html.
- Balk, D., Pozzi, F., Yetman, G., Deichmann, U. & Nelson, A.** 2004. *The distribution of people and the dimension of place: methodologies to improve the global estimation of urban extents*. Working Paper. Palisades, New York, USS, CIESIN, Columbia University. http://sedac.ciesin.columbia.edu/gpw/docs/ur_paper_webdraft1.pdf.
- Banerjee, A.V. & Duflo, E.** 2009. The experimental approach to development economics. *Annual Review of Economics*, 1: 151–178.

- Barrett, C.B.** 1996. On price risk and the inverse farm size-productivity relationship. *Journal of Development Economics*, 51: 193–215.
- Barrett, C.B.** 2008. Smallholder market participation: concepts and evidence from eastern and southern Africa. *Food Policy*, 33: 299–317.
- Barrett, C.B., Reardon, T. & Webb, P.** 2001. Nonfarm income diversification and household livelihood strategies in rural Africa: concepts, dynamics, and policy implications. *Food Policy*, 26: 315–331.
- Baumann, P. & Hancock, J.** 2011. Tacking stock of World Bank livelihoods projects in India – a synthesis paper. Rome, FAO. (unpublished report)
- Bebe, B.O., Udo, H.M.J., Rowlands, G.J. & Thorpe, W.** 2003. Smallholder dairy systems in Kenya highlands: Breed preferences and breeding practices. *Livestock Production Science*, 82(2–3): 117–127.
- Behnke, D., Roland-Holst, D. & Otte, J.** 2010. *Assessment of smallholder indigenous poultry producer viability after HPAI: Evidence from Lao PDR*. Pro-Poor HPAI Risk Reduction Project, Mekong Team Report. Rome, FAO.
- Behnke, R.H.** 1985. Measuring the benefits of subsistence versus commercial livestock production in Africa. *Agricultural Systems*, 16: 109–135.
- Behnke, R.H.** 2010. *The contribution of livestock to GDP in the IGAD Member States*. IGAD-LPI Working Paper No. 02-10. Addis Ababa, IGAD.
- Benin, S.J., Thurlow, J., Diao, X., Kebba, A. & Ofwono, N.** 2008. *Agricultural growth and investment options for poverty reduction in Uganda*. IFPRI Discussion Paper No. 00790. Washington, DC, DSG, IFPRI.
- Berry, J.** 2008. Child control in education decisions: an evaluation of targeted incentives to learn in India. Cambridge, Massachusetts, USA, Massachusetts Institute of Technology, Department of Economics. (unpublished paper)
- Binswanger, H.P. & Deininger, K.** 1993. South African land policy: The legacy of history and current options. *World Development*, 21(9): 1451–1475.
- Binswanger, H.P. & Deininger, K.** 1997. *Explaining agricultural and agrarian policies in developing countries*. Policy Research Working Paper No. 1765. Washington, DC, World Bank, Development Economics Group.
- Binswanger, H.P., Deininger, K. & Feder, G.** 1995. Power, distortions, revolt and reform in agricultural land relations. In J. Behrman and T.N. Srinivasan, eds. *Handbook of development economics*, Volume 3, Part 2, pp. 2659–2772. Amsterdam, Netherlands, Elsevier.
- Binswanger, H.P. & Khandker, S.R.** 1995. The impact of formal finance on the rural economy of India. *Journal of Development Studies*, 32(2): 234–262.
- Bonin, J.P., Jones, D.C. & Putterman, L.** 1993. Theoretical and empirical studies of producer cooperatives: will ever the twain meet? *Journal of Economic Literature*, 31(3): 1290–1320.
- Boucher, S., Guirkinger, C. & Trivelli, C.** 2005. Direct elicitation of credit constraints: Conceptual and practice issues with an empirical application to Peruvian agriculture. Presented at the American Agricultural Economics Association Annual Meeting, 24 to 27 July 2005, Providence, Rhode Island, USA.
- Bourguignon, F. & Morrison, C.** 1998. Inequality and development: the role of dualism. *Journal of Development Economics*, 57(2): 33–57.
- Bradford, G.E.** 1999. Contributions of animal agriculture to meeting global human food demand. *Livestock Production Science*, 59: 95–112.

- Bravo-Baumann, H.** 2000. *Livestock and gender: A winning pair. Capitalisation of experiences on the contribution of livestock projects to gender issues*. Bern, Switzerland, Swiss Agency for Development and Cooperation.
- Bruinsma, J., ed.** 2003. *World agriculture: towards 2015/2030. An FAO perspective*. London, Earthscan, and Rome, FAO.
- Budisatria, I.G., Udo, H.M., van der Zijpp, A.J., Murti, T.W. & Baliarti, E.** 2007. Air and water qualities around small ruminant houses in Central Java – Indonesia. *Small Ruminant Research*, 65: 55–63.
- Burke, W.J., Jayne, T.S., Freeman, A. H. & Kristjansen, P.** 2007. *Factors associated with farm households' movement into and out of poverty in Kenya: The rising importance of livestock*. MSU International Development Working Paper No 90. East Lansing, Michigan, USA, Michigan State University.
- Byerlee, D., Diao, X. & Jackson, C.** 2005. *Agriculture, rural development, and pro-poor growth. Country experiences in the post-reform era*. Agriculture and Rural Development Discussion Paper No. 21. Washington, DC, World Bank.
- Calloway, D.H., Murphy, S. & Beaton, G.** 1988. *Food intake and human function: A cross-project perspective on the Collaborative Research Program in Egypt, Kenya and Mexico*. Final report to USAID. Berkeley, California, USA, University of California.
- Campos, N.F. & Nugent, J.B.** 1999. Development performance and the institutions of governance: Evidence from East Asia and Latin America. *World Development*, 27(3): 439–452.
- Carter, M.R.** 1989. The impact of credit in peasant productivity and differentiation in Nicaragua. *Journal of Development Economics*, 31(1): 13–36.
- CAST.** 1999. *Animal agriculture and global food supply*. Task Force Report No. 135. Ames, Iowa, USA, Council for Agricultural Science and Technology (CAST).
- Catelo, M.A. & Costales, A.** 2008. *Contract farming and other market institutions as mechanisms for integrating smallholder livestock producers in the growth and development of the livestock sector in developing countries*. FAO-PPLPI Working Paper No. 45. Rome, FAO.
- Chadwick, K.D., Ifft, J., Roland-Holst, D. & Reed, V.** 2007. *Livestock market surveys for IPALP*. FAO-PPLPI Research Update. Rome, FAO.
- Channgakham, P., Behnke, D., Otte, J. & Roland-Holst, D.** 2010. *Promoting rural livelihoods and public health through poultry microfinance: Evidence from Lao PDR*. Pro-Poor HPAI Risk Reduction Project, Mekong Team Research Brief No. 26. Rome, FAO.
- Chen, S. & Ravallion, M.** 2007. *The changing profile of poverty in the world*. 2020 Focus Brief on the World's Poor and Hungry People. Washington, DC, IFPRI.
- Chen, S. & Ravallion, M.** 2008. *The developing world is poorer than we thought, but no less successful in the fight against poverty*. Policy Research Working Paper No. 4703. Washington, DC, World Bank, Development Research Group.
- Chenery, H.B. & Syrquin, M.** 1975. *Patterns of development, 1950–1970*. London, Oxford University Press.
- CIESIN, IFPRI, World Bank & CIAT.** 2004. *Global Rural-Urban Mapping Project (GRUMP), Beta Version*. Palisades, New York, USA, Columbia University Socioeconomic Data and Applications Center (SEDAC). <http://sedac.ciesin.columbia.edu/gpw>.
- Collier, P.** 2007. *The bottom billion*. London, Oxford University Press.
- Collier, P. & Dercon, S.** 2009. African agriculture in 50 years: Smallholders in a rapidly changing world? Presented at the Expert Meeting on How to Feed the World in 2050, 24 to 26 June 2009, Rome, FAO.

- Costales, A., Gerber, P. & Steinfeld, H.** 2006. Underneath the livestock revolution. In *FAO-AGA Livestock Report 2006*. Rome, FAO.
- Cunningham, K.** 2009. Connecting the milk grid: Smallholder dairy in India. In D.J. Spielman and R. Pandya-Lorch. *Millions fed. Proven successes in agricultural development*. Washington, DC, IFPRI.
- Da Silva, C.A.** 2005. *The growing role of contract farming in agri-food systems development: Drivers, theory and practice*. Rome, FAO, Agricultural Management, Marketing and Finance Service.
- Davendra, C. & Chantalakhana, C.** 2002. Animals, poor people and food insecurity: opportunities for improved livelihoods through efficient natural resource management. *Outlook on Agriculture*, 31(3): 161–175.
- Davis, B., Winters, P., Carletto, G., Covarrubias, K., Quiniones E., Zezza, Z., Stamoulis, K., Bonomi, G. & DiGiuseppe, S.** 2007. *Rural income generating activities: A cross country comparison*. ESA Working Paper No. 07-16. Rome, FAO.
- de Haan, C., Steinfeld, H. & Blackburn, H.W.** 1997. *Livestock – environment interactions: Finding a balance*. Report of a study coordinated by FAO, USAID and the World Bank.
- Deininger, K. & Olinto, P.** 2001. Rural nonfarm employment and income diversification in Colombia. *World Development*, 29(3): 455–465.
- de Janvry, A., Key, N. & Sadoulet, E.** 1997. *Agricultural and rural development policy in Latin America. New directions and new challenges*. FAO Agricultural Policy and Economic Development Series No. 2. Rome, FAO.
- Delgado, C.** 2003. Rising consumption of meat and milk in developing countries has created a new food revolution. *Journal of Nutrition*, 133: 3907S–3910S.
- Delgado, C., Narrod, C. & Tiongo, M.** 2008. *Determinants and implications of the growing scale of livestock farms in four fast-growing developing countries*. Research Report No. 157. Washington, DC, IFPRI.
- Delgado, C., Rosegrant, M., Steinfeld, H., Ehui, S. & Courbois, C.** 1999. *Livestock to 2020 – the next food revolution*. Food, Agriculture and the Environment Discussion Paper No. 28. Washington, DC, IFPRI.
- de Soto, H.** 2000. *The mystery of capital: why capitalism triumphs in the West and fails elsewhere*. New York, Basic Books.
- DFID.** 2000. *Halving world poverty by 2015, economic growth, equity and security: Strategies for achieving the international development targets*. DFID Strategy Paper. London.
- DFID/ODI/NMFA.** 2002. *Key sheets for sustainable livelihoods: Non-farm income in rural areas*. www.odi.org.uk/resources/details.asp?id=3868&title=key-sheets-sustainable-livelihoods.
- Diao, X., Hazell, P. & Thurlow, J.** 2010. The role of agriculture in African development. *World Development*, 38(10): 1375–1383.
- Diao, X. & Nin Pratt, A.** 2007. Growth options and poverty reduction in Ethiopia – an economy-wide model and analysis. *Food Policy*, 32: 205–228.
- Diao, X., Fekadu, B., Haggblade, S., Taffesse, A.S., Wamisho, K. & Xu, B.** 2007. *Agricultural growth linkages in Ethiopia: Estimates using fixed and flexible price models*. IFPRI Discussion Paper No. 00695. Washington, DC, IFPRI.
- Djankov, S., La Porta, R., Lopez-De-Silanes, F. & Shleifer, A.** 2002. The regulation of entry. *Quarterly Journal of Economics*, 117(1): 1–37.

- Dollar, D. & Kraay, A.** 2002. Growth is good for the poor. *Journal of Economic Growth*, 7(3): 195–225.
- Dorward, A., Kydd, J., Morrison, J. & Urey, I.** 2004a. A policy agenda for pro-poor agricultural growth. *World Development*, 32(1): 73–89.
- Dorward, A., Fan, S., Kydd, J., Lofgren, H., Morrison, J., Poulton, C., Rao, N., Smith, L., Tchale, H., Thorat, S., Urey, I. & Wobst, P.** 2004b. Institutions and policies for pro-poor agricultural growth. *Development Policy Review*, 22(6): 611–622.
- Duflo, E. & Kremer, M.** 2008. Use of randomization in the evaluation of development effectiveness. In W. Easterly, ed. *Reinventing foreign aid*. Cambridge, Massachusetts, USA, MIT Press.
- Dunsten, S.** 2001. Will they survive? Prospects for small farmers in sub-Saharan Africa. Presented at Sustainable Food Security for All, 4 to 6 September 2001. Bonn, Germany.
- Duong, P.B. & Izumida, Y.** 2002. Rural development financial in Vietnam: A micro-econometric analysis of household surveys. *World Development*, 30(2): 319–335.
- Easterly, W.** 2008a. Introduction: Can't take it anymore? In W. Easterly, ed. *Reinventing foreign aid*. Cambridge, Massachusetts, USA, MIT Press.
- Easterly, W.** 2008b. Planners vs. searchers in African agricultural aid. Paper prepared for FAO-PPLPI.
- ECLAC.** 2004. *Productive development in open economies*. Santiago, Economic Commission for Latin America and the Caribbean (ECLAC).
- Elvidge, C.D., Baugh, K.E., Kihn, E.A., Kroehl, H.W., Davis, E.R. & Davis, C.W.** 1997. Relation between satellite observed visible-near infrared emissions, population, economic activity and electric power consumption. *International Journal of Remote Sensing*, 18(6): 1373–1379.
- Epprecht, M. & Robinson T.P., eds.** 2007. *Agricultural atlas of Vietnam. A depiction of the 2001 rural agriculture and fisheries census*. Rome, FAO-PPLPI, and Hanoi, General Statistics Office, Government of Viet Nam. 172 pp.
- Epprecht, M., Heinimann, A., Minot, N., Müller, D. & Robinson, T.** 2007. From statistical data to spatial knowledge – informing decision making in Vietnam. *Information Development*, 23: 193–204.
- Eswaran, M. & Kotwal, A.** 1986. Access to capital and agrarian production organization. *Economic Journal*, 96: 482–498.
- Fadel, J.G.** 1999. Quantitative analysis of selected by-product feedstuffs: A global perspective. *Anim. Feed Sci. Technol.*, 79: 255–268.
- Fairoze, M., Achoth, L., Rashmi, P., Tiongco, M., Delgado, C., Narrod, C. & Chengappa, P.** 2006. Equitable intensification of market-oriented smallholder poultry production in India through contract farming. In *Contract farming of milk and poultry in India: Partnerships to promote the environmentally friendly and equitable intensification of smallholder market-oriented livestock production*, Annex II, Final Report of IFPRI-FAO Contract Farming Project in India. Washington, DC, IFPRI.
- Fan, S. & Chan-Kang, C.** 2004. Returns to investment in less-favoured areas in developing countries: a synthesis of evidence and implications for Africa. *Food Policy*, 29(4): 431–444.
- Fan, S. & Hazell, P.** 2001. Returns to public investments in the less-favored areas of India and China. *American Journal of Agricultural Economics*, 83(5): 1271–1222.
- FAO.** 2000. *World food and agriculture: lessons from the past 50 years*. Rome.
- FAO.** 2006. *Livestock's long shadow: Environmental issues and options*, by H. Steinfeld, P. Gerber, T. Wassenaar, V. Castel, M. Rosales and C. de Haan. Rome.

- FAO.** 2009a. *Livestock policy and institutional change for poverty reduction*. Background paper for the FAO Committee on Agriculture, 21st Session. Rome.
- FAO.** 2009b. *The State of Food and Agriculture. Livestock in the balance*. Rome.
- FAO.** 2010a. *Livestock sector policies and programmes in developing countries. A menu for practitioners*. Rome, FAO-PPLPI.
- FAO.** 2010b. *Missions, constitution and governance*. www.fao.org/about/mission-gov/en/. (accessed 15 September 2010).
- FAO.** 2010c. *The State of Food Insecurity in the World*. Rome.
- FAOSTAT.** 2010. FAO Statistical Databases. www.faostat.fao.org/site/452/default.aspx.
- Faye, A. & Fall, A.** 2000. *Région de Diourbel: Diversification des revenus*. Drylands Research Working Paper No. 22. Crewkerne, UK, Drylands Research.
- Fearne, A.** 1995. Strategic alliances in the European food industry. *European Business Review*, 94: 30–37.
- Fearne, A.** 1998. The evolution of partnerships in the meat supply chain: insights from the British beef industry. *Supply Chain Management: An International Journal*, 3(4): 214–231.
- Feder, G., Lau, L.J., Lin, J.Y. & Xiaopeng, L.** 1989. Agricultural credit and farm performance in China. *Journal of Comparative Economics*, 13(4): 508–526.
- Foster, M., Brown, A. & Naschold, F.** 2001. Sector programme approaches: Will they work in agriculture? *Development Policy Review*, 19(3): 321–338.
- Gangwar, L.S., Saran, S. & Kumar, S.** 2010. Broiler's supply value chain in the National Capital Region Delhi: A case study of Ghazipur poultry market. *Agricultural Economics Review*, 23: 462–468.
- Garcia, O., Saha, A., Makmood, K., Ndambi, A. & Hemme, T.** 2006. *Dairy development programs in Andhra Pradesh, India: Impacts and risks for small-scale dairy farms*. FAO-PPLPI Working Paper No. 38. Rome, FAO.
- Gemert, W., Sloof, R., Ginneken, J.K. & Leeuwenbergh, J.** 1984. Household status differentials and childhood mortality. In J.K. van Ginneken and A.S. Muller, eds. *Maternal and child health in rural Kenya*, pp 271–280. London and Sydney, Australia, Croom Helm.
- Government of India.** 2008. *Annual Report 2007–2008*. New Delhi, Department of Animal Husbandry, Dairying and Fisheries, Ministry of Agriculture.
- Grosse, S.D.** 1998. Farm animals and children's nutritional status in rural Rwanda. Presented at the Symposium on Human Nutrition and Livestock, 14 October 1998, Little Rock, Arkansas, USA, Heifer Project International.
- Guèye, E.F.** 2005. Gender aspects in family poultry management systems in developing countries. *World's Poultry Science Journal*, 61(1): 39–46.
- Gulati, A. & Fan, S.** 2008. *The dragon and the elephant. Agricultural and rural reforms in China and India*. New Delhi, Oxford University Press.
- Guyer, J.** 1988. Dynamic approaches to budgeting. In D. Dwyer and J. Bruce, eds. *A home divided: Women and income in the third world*. Stanford, California, USA, Stanford University Press.
- Gwatkin, D.R., Guillot, M. & Heuveline, P.** 1999. The burden of disease among the global poor. *Lancet*, 354: 586–589.
- Haggblade, S., Hazell, P. & Reardon, T.** 2005. The rural non-farm economy: Pathway out of poverty or pathways in? In *The future of small farms. Proceedings of a research workshop*, 26 to 29 June 2005, Withersdane Conference Centre, Wye, UK. London, IFPRI, ODI and Imperial College London.

- Hailleselassie, A., Peden, D., Gebreselassie, S., Amede, T. & Descheemaeker, K.** 2009. Livestock water productivity in mixed crop-livestock farming systems of the Blue Nile basin: Assessing variability and prospects for improvement. *Agric. Systems*, 102: 33–40.
- Hayami, Y. & Otsuka, K.** 1993. *The economics of contract choice: an agrarian perspective*. Oxford, UK, Clarendon Press.
- Hazell, P. & Diao, P.** 2005. The role of agriculture and small farms in economic development. In *The future of small farms. Proceedings of a research workshop*, 26 to 29 June 2005, Withersdane Conference Centre, Wye, UK, pp. 23–37. London, IFPRI, ODI and Imperial College.
- Hazell, P., Poulton, C., Wiggins, S. & Dorward, A.** 2010. The future of small farms: Trajectories and policy priorities. *World Development*, 38(10): 1349–1361.
- Heft-Neal, S., Otte, J., Pupphavesa, W., Roland-Holst, D., Sudsawasd, S. & Zilberman, D.** 2008. *Supply chain auditing for poultry production in Thailand*. FAO-PPLPI Research Report 08-09. Rome, FAO.
- Heltberg, R.** 1998. Rural market imperfections and the farm size-productivity relationship: evidence from Pakistan. *World Development*, 26(10): 1807–1826.
- Hemme, T. & Otte, J., eds.** 2010. *Status and prospects for smallholder milk production – A global perspective*. Rome, FAO-PPLPI.
- Hobbs, J. & Young, L.** 2001. *Vertical linkages in agri-food supply chains in Canada and the United States*. Ottawa, Agriculture and Agri-Food Canada, Research and Analysis Directorate, Strategic Policy Branch.
- Holmann, F., Rivas, L., Urbina, N., Rivera, B., Giraldo, L.A., Guzman, S., Martinez, M., Medina, A. & Ramirez, G.** 2005. The role of livestock in poverty alleviation: an analysis of Colombia. *Livestock Research for Rural Development*, 17(1).
- Homewood, K., Coast, E., Kiruswa, S., Serneels, S., Thompson, M. & Trench, P.** 2006. Maasai pastoralists: diversification and poverty. Presented at Pastoralism and Poverty Reduction in East Africa: A Policy Research Conference, Nairobi.
- Hossain, S.T., Sugimoto, H., Ahmed, G.J.U. & Islam, M.R.** 2009. Effect of integrated duck-rice farming on rice yield, farm productivity, and rice-provisioning ability of farmers. *Asian Journal of Agriculture and Development*, 2: 79–86.
- Humphrey, J.** 2005. *Shaping value chains for development: Global value chains in agribusiness*. www.ids.ac.uk/ids/global/pdfs/humphrey-gtz.pdf?recid=bib-gtz066187.
- Hunter, J.P.** 1989. Small ruminants in the household economy of Lesotho: Towards a dynamic functional perspective. In R.T. Wilson and M. Azeb, eds. *African small ruminant research and development*. Addis Ababa, ILCA.
- Huong, P.** 2007. *Production and marketing of indigenous pig breeds in the uplands of Vietnam, an economic analysis in Son La province*. Stuttgart, Germany, University of Hohenheim, Institute of Agricultural Economics and Social Sciences in the Tropics and Subtropics. (M.Sc. thesis)
- IAEA.** 1998. *Ending Africa's rinderpest plague*. IAEA Technical Cooperation/Building Development Partnerships. Vienna, International Atomic Energy Agency (IAEA).
- ICP.** 2005. International Comparison Program of the World Bank. <http://web.worldbank.org/wbsite/external/datastatistics/icpext/0,,contentmdk:20118237~menuupk:62002075~pagepk:60002244~pipk:62002388~thesitepk:270065,00.html>. (accessed 5 January 2010)
- IFAD.** 2001. *Rural Poverty Report 2001: The challenge of ending rural poverty*. London, Oxford University Press, for the International Fund for Agricultural Development (IFAD).

- Ifft, J.** 2005. *Survey of the East Asia livestock sector*. EASRD Working Paper. Washington, DC, World Bank.
- Ifft, J., Roland-Holst, D. & Zilberman, D.** 2009a. Impact of quality characteristics on demand for chicken in Viet Nam. *ARE Update*, 12(4).
- Ifft, J., Roland-Holst, D. & Zilberman, D.** 2009b. Valuation of safety-branded and traceable free range chicken in Ha Noi: Results from a field experiment. Presented at the Annual Meeting of the American Agricultural Economics Association, 26 to 28 July 2009, Milwaukee, Wisconsin, USA.
- Ifft, J., Roland-Holst, D. & Zilberman, D.** 2011. *Production and risk prevention responses of free range chicken producers in Viet Nam*. Working Paper. Berkeley, California, USA, University of Berkeley, Department of Agriculture and Resource Economics.
- IFPRI.** 2005. *The future of small farms*. Proceedings of a research workshop. Washington, DC, International Food Policy Research Institute (IFPRI).
- ILO.** 2010. *Laborstat*. <http://laborsta.ilo.org/>. International Labour Organization (ILO). (accessed 10 February 2010)
- ILRI.** 1995. *Livestock policy analysis*. ILRI Training Manual No. 2. Nairobi.
- IPCC.** 2007. *Fourth Assessment Report: Climate Change. Synthesis Report*. International Panel on Climate Change (IPCC)
- Irz, X., Lin, L., Thirtle, C. & Wiggins, S.** 2001. Agricultural productivity growth and poverty alleviation. *Development Policy Review*, 19(4): 449–466.
- Islam, S.M. & Jabbar, M.A.** 2005. Smallholder poultry model for poverty alleviation in Bangladesh – a review of evidence on impact. *Livestock Research for Rural Development*, 17(10).
- Jarvis, L., Bervejillo, J.E., Ekboir, J. & Sumner, D.A.** 2001. South-of-the-border beef: Changing beef industries in Argentina and Uruguay. *Choices: The Magazine of Food, Farm and Resource Issues*, fall issue.
- Jayne, T.S., Mather, D. & Mghenyi, E.** 2010. Principal challenges confronting smallholder agriculture in sub-Saharan Africa. *World Development*, 38(10): 1384–1398.
- Jayne, T.S., Yamano, T., Weber, M., Tschirley, D., Benfica, R., Chapoto, A. & Zulu, B.** 2003. Smallholder income and land distribution in Africa: Implications for poverty reduction strategies. *Food Policy*, 28: 253–275.
- Kabore, S.T., Kone, M. & Ouoba, P.** 2009. *Recensement général de la population et de l'habitation de 2006, analyse des resultats definitifs. Thème 15: Mesure et cartographie de la Pauvreté*. Ouagadougou, Ministry of Economy and Finance, Comite National du recensement; Bureau Central du recensement.
- Kaplinsky, R. & Morris, M.** 2000. *A handbook for value chain research*. Ottawa, IDRC.
- Kaufmann, D., Kraay, A. & Mastruzzi, M.** 2009. *Governance matters VIII. Aggregate and individual indicators 1996–2008*. Policy Research Working Paper No. 4978. Washington, DC, World Bank.
- Keeney, R. & Hertel, T.W.** 2005. *GTAP-AGR: A framework for assessing the implications of multilateral changes in agricultural policies*. GTAP Technical Paper No. 24. West Lafayette, Indiana, USA, Purdue University, Department of Agricultural Economics.
- Kirsten, J. & Sartorius, K.** 2002. Linking agribusiness and small farmers in developing countries: Is there a new role for contract farming? *Development Southern Africa*, 19(4): 503–529.

- Kitalyi, A., Mtenga, L., Morton, J., McLeod, A., Thornton, P., Dorward, A. & Saadullah, M.** 2005. Why keep livestock if you are poor? In E. Owen, A. Kitalyi, N. Jayasuriya and T. Smith, eds. *Livestock and wealth creation. Improving the husbandry of animals kept by resource-poor people in developing countries*. Nottingham, UK, Nottingham University Press.
- Klasen, S.** 2007. *Determinants of pro-poor growth*. 2020 Vision Brief. Washington, DC, IFPRI.
- Knack, S. & Keefer, P.** 1995. Institutions and economic performance: Cross-country tests using alternative measures. *Economics and Politics*, 7: 207–227.
- Kruska, R.L., Reid, R.S., Thornton, P.K., Henninger, N. & Kristjanson, P.M.** 2003. Mapping livestock-orientated agricultural production systems for the developing world. *Agricultural Systems*, 77: 39–63.
- Kydd, J. & Dorward, A.** 2001. The Washington Consensus on poor country agriculture: analysis, prescription and institutional gaps. *Development Policy Review*, 19(4): 467–478.
- Kydd, J., Dorward, A., Morrison, M. & Cadish, G.** 2002. *Agricultural development and pro-poor economic growth in sub-Saharan Africa: Potential and policy*. ADU Working Paper 02/04. Wye, UK, Imperial College.
- Lawrence, P.R., Dijkman, J.T. & Jansen, H.G.P.** 1997. The introduction of animal traction into inland valley regions. Manual labour and animal traction in the cultivation of rice and maize: A comparison. *J. Agric. Sci.*, 129: 65–70.
- Lekasi, J.K. & Tanner, J.C.** 1998. *Manure management in Kiambu and Muranga districts*. Nairobi, ILRI, Market-Oriented Smallholder Dairy Research Unit. (research report)
- Lekasi, J.K., Tanner, J.C., Kimani, S.K. & Harris, P.J.** 1998. *Manure management in the Kenya highlands: Practices and potential*. Nairobi, KARI, ILRI, and Coventry, UK, The Henry Doubleday Research Association.
- Leonard, D.K., Brass, J.N., Nelson, M., Ear, S., Fahey, D., Fairfield, T., Gning, M.J., Halderman, M., McSherry, B., Moehler, D.C., Prichard, W., Turner, R., Vu, T. & Dijkman, J.** 2010. Does patronage still drive politics for the rural poor in the developing world? A comparative perspective from the livestock sector. *Development and Change*, 41: 475–494.
- Leonard, W.M., DeWalt, K.M., Uquillas, J.E. & DeWalt, B.R.** 1994. Diet and nutritional status among cassava producing agriculturalists of coastal Ecuador. *Ecology of Food and Nutrition*, 32: 113–127.
- Leroy, J.L. & Frongillo, E.A.** 2007. Can interventions to promote animal production ameliorate undernutrition? *Journal of Nutrition*, 137: 2311–2316.
- LID.** 1999. *Livestock in poverty-focused development*. Crewkerne, UK, Livestock in Development (LID).
- Lin, Y. & Nugent, J.** 1995. Institutions and economic development. In J. Behrman and T.N. Srinivasan, eds. *Handbook of development economics*, volume 3. Amsterdam, Netherlands, Elsevier.
- Lipton, M.** 2005. *The family farm in a globalizing world – the role of crop science in alleviating poverty*. IFPRI 2020 Discussion Paper No. 40. Washington, DC, IFPRI.
- Lybbert, T., Barrett, C., Desta, S. & Coppock, D.L.** 2004. Stochastic wealth dynamics and risk management among a poor population. *Economic Journal*, 114 (498): 750–777.
- MAAIF, UBOS, FAO, ILRI & WRI.** 2010. *Mapping a better future: spatial analysis and pro-poor livestock strategies in Uganda*. Washington, DC, and Kampala, World Resources Institute (WRI).
- Maltsoglou, I. & Rapsomanikis, G.** 2005. *The contribution of livestock to household income in Viet Nam: A household typology based analysis*. FAO-PPLPI Working Paper No. 21. Rome, FAO.

- Maltsoglou, I. & Taniguchi, K.** 2004. *Poverty, livestock and household typologies in Nepal*. FAO-PPLPI Working Paper No. 13. Rome, FAO.
- Mauro, P.** 1995. Corruption and growth. *Quarterly Journal of Economics*, 110(3): 681–712.
- McCarthy, N., Swallow, B., Kirk, M. & Hazell, P.** 2000. *Property rights, risk and livestock development in Africa*. Washington, DC, IFPRI, and Nairobi, ILRI.
- McDermott, J.J., Staal, S.J., Freeman, H.A., Herrero, M. & Van de Steeg, J.A.** 2010. Sustaining intensification of smallholder livestock systems in the tropics. *Livestock Science*, 130: 95–109.
- McIntire, J., Bourzat, D. & Pingali, P.B.** 1992. *Crop-livestock interactions in sub-Saharan Africa*. Washington, DC, World Bank.
- McKinley, T.** 1995. *The distribution of wealth in rural China*. New York, M.E. Sharpe.
- Mellor, J.W.** 2003. Agricultural growth and poverty reduction – the rapidly increasing role of smallholder livestock. Keynote address at the International Workshop on Livestock and Livelihoods: Challenges and Opportunities for Asia in the Emerging Market Environment, Anand, India.
- Mennerat, A., Nilsen, F., Ebert, D. & Skorpung, A.** 2010. Intensive farming: Evolutionary implications for parasites and pathogens. *Evol. Biology*, 37: 59–67.
- Minten, B. & Barrett, C.B.** 2008. Agricultural technology, productivity, and poverty in Madagascar. *World Development*, 36(3): 797–822.
- Moll, H.A.** 2005. Costs and benefits of livestock systems and the role of market and nonmarket relationships. *Agricultural Economics*, 32: 181–193.
- Moll, H.A. & Dietvorst, D.** 1999. Cattle marketing in the Western Province of Zambia: Policies, institutions and cattle owners. In H.L. van der Laan, T. Dijkstra and A. van Tilburg, eds. *Agricultural marketing in tropical Africa: Contributions from the Netherlands*, pp. 185–203. Aldershot, UK, Ashgate.
- Moran, W., Blunden, G. & Bradley, A.** 1996. Empowering family farms through cooperatives and producer marketing boards. *Economic Geography*, 72(2): 161–177.
- Mullins, G., Wahome, L., Tsangari, P. & Maarse, L.** 1996. Impacts of intensive dairy production on smallholder farm women in coastal Kenya. *Hum. Ecol.*, 24: 231–253.
- Murphy, S.P. & Allen, L.H.** 1996. A greater intake of animal products could improve the micro-nutrient status and development of children in East Africa. Presented at East Africa Livestock Assessment Workshop, Entebbe, Uganda.
- Nagayets, O.** 2005. *Small farms, current status and key trends*. Information brief prepared for the Future of Small Farms Research Workshop, 26 to 20 June 2005, Wye, UK, Wye College.
- Nanyeenya, W.N., Mugisha, J., Staal, S., Baltenweck, D.I., Romney, D. & Halberg, N.** 2008. Dairy performance and intensification under traditional and economic efficiency farm plans in Uganda. *Middle East Journal of Scientific Research*, 3(2): 82–89.
- Narayanan, S. & Gulati, A.** 2002. *Globalization and the smallholders: A review of issues, approaches and tentative conclusions*. MSSD Discussion Paper No. 50. Washington, DC, IFPRI and World Bank, Rural Development Department.
- Narrood, C., Tiongco, M. & Costales, A.** 2007. Global poultry sector trends and external drivers for structural change. Presented at the Poultry in the 21st Century, Avian Influenza and Beyond Conference, 5 to 7 November 2007, Bangkok.

- Neumann, C.G.** 2000. Livestock development and impact on diet quality and the growth and development of children. In *Agro-ecosystems, natural resources management and human health related research in East Africa: Proceedings of an IDRC-ILRI International Workshop*, pp. 100–108. 11 to 15 May 1998, Addis Ababa. Ottawa, International Development Research Centre.
- Niamir-Fuller, M.** 1994. *Women livestock managers in the Third World: A focus on technical issues related to gender roles in livestock production*. IFAD Staff Working Paper No.18. Rome, IFAD.
- Nicholson, C.F., Thornton, P.K., Mohammed, L., Muinga, R.W., Mwamachi, D.M., Elbasha, E.H., Staal, S.J. & Thorpe, W.** 1998. *The impact of dairy technology adoption on the nutritional status of pre-school children in coastal Kenya*. Nairobi, KARI, Ministry of Agriculture and ILRI.
- Nielsen, H.** 1996. The socio-economic impact of a smallholder livestock development project, Bangladesh. Presented at the Integrated Farming in Human Development Workshop, Tune Landsboskole, Denmark, Danish Agricultural and Rural Development Advisors Forum.
- Nielsen, H.** 1998. The socio-economic impact of a smallholder livestock development project, Bangladesh: Results of the second impact survey. In F. Dolberg and P.H. Petersen. *Women in agriculture and modern communication technology*. Frederiksberg, Denmark, D.S.R. Forlag.
- Nielsen, H., Roos, N. & Thilsted, S.H.** 2003. The impact of semi-scavenging poultry production on the consumption of animal source foods by women and girls in Bangladesh. *J. Nutr.* 133: 4027–4030.
- Nin Pratt, A. & Diao, X.** 2006. *Exploring growth linkages and market opportunities for agriculture in Southern Africa*. DSGD Discussion Paper No. 42. Washington, DC, IFPRI.
- North, D.** 1987. Institutions, transaction costs and economic growth. *Economic Inquiry*, 25(3): 419–428.
- North, D.** 1990. *Institutions, institutional change and economic performance*. Cambridge, UK, Cambridge University Press.
- Norton, G.W., Alwang, J. & Masters, W.A.** 2006. *The economics of agricultural development: world food systems and resource use*. New York and London, Routledge.
- Norton, R.D.** 2004. *Agricultural development policy: concepts and experiences*. Rome, FAO, and Chichester, UK, John Wiley.
- Okali, C. & Sumberg, J.** 1986. Sheep and goats, men and women: Household relations and small ruminant production in southwest Nigeria. In J.L. Moock, ed. *Understanding Africa's rural households and farming systems*. Boulder, Colorado, USA and London, Westview Press.
- Omore, A., Cheng'ole Mulino, J., Fakhru Islam, S.M., Nurah, G., Khan, M.I. & Staal, S.J.** 2004. *Employment generation through small-scale dairy marketing and processing*. FAO-AGA Paper No. 158. Rome, FAO.
- Osoimehin, K.O., Tijani, A.A. & Olukomogbon, E.O.** 2006. An economic analysis of small scale dairy milk processing in Kogi State, Nigeria. *Livestock Research for Rural Development*, 18(11).
- Ossiya, S., Isyagi, N., Aliguma, L. & Aisu, C.** 2003. Urban and peri-urban livestock keeping among the poor in Kampala city. In J.I. Richards and S.H. Godfrey, eds. *Urban livestock keeping in sub-Saharan Africa*, pp 21–39. Report of a workshop, 3 to 5 March 2003, Nairobi. Aylesford, UK, Natural Resources International.
- Otte, J. & Chilonda, P.** 2002. *Cattle and small-ruminant production systems in sub-Saharan Africa. A systematic review*. Rome, FAO.

- Otte, J. & Upton, M.** 2005. *Poverty and livestock agriculture*. FAO-PPLPI Research Report 05-02. Rome, FAO.
- Otte, J., Pica-Ciamarra, U., Franceschini, G. & Roland-Holst, D.** 2008. Food markets and poverty alleviation. Presented at the 13th Animal Science Congress of the Asian-Australasian Association of Animal Production Societies, 22 to 26 September, 2008, Ha Noi, Viet Nam.
- Otte, J., Pica-Ciamarra, U., Ahuja, V. & Gustafson, D.** 2009. *Supporting livestock sector development for poverty reduction: Issues and proposals*. FAO-PPLPI Research Report 09-01. Rome, FAO.
- Palumbi, S.** 2001. Humans as the world's greatest evolutionary force. *Science*, 293: 1786–1790.
- Patil, B.R., Singh, K.K., Pawar, S.E., Maarse, L. & Otte, J.** 2009. *Sericulture: An alternative source of income to enhance the livelihoods of small-scale farmers and tribal communities*. FAO-PPLPI Research Report 09-03. Rome, FAO.
- Paul, D.C. & Saadullah, M.** 1991. Role of women in homestead of small farm category in an area of Jessore, Bangladesh. *Livestock Research for Rural Development*, 3(2).
- Pender, J., Nkonya, E., Jagger, P., Sserunkuuma, D. & Ssali, H.** 2004. Strategies to increase agricultural productivity and reduce land degradation: Evidence from Uganda. *Agric. Economics*, 31: 181–195.
- Perry, B. & Dijkman, J.** 2010. *Livestock market access and poverty reduction in Africa: The trade standards enigma*. FAO-PPLPI Working Paper No. 49. Rome, FAO.
- Perry, B. & Grace, D.** 2009. The impact of livestock diseases and their control on growth and development processes that are pro-poor. *Philosophical Transactions of the Royal Society*, 364(1530): 2643–2655.
- Pica, G., Pica-Ciamarra, U. & Otte, J.** 2008. *The livestock sector in the World Development Report 2008: Re-assessing the policy priorities*. FAO-PPLPI Research Report 08-07. Rome, FAO.
- Pica-Ciamarra, U.** 2005. *Livestock policies for poverty alleviation: Theory and practical evidence from Africa, Asia and Latin America*. FAO-PPLPI Working Paper No. 27. Rome, FAO.
- Pica-Ciamarra, U. & Otte, J.** 2010. Poultry, food security and poverty in India: Looking beyond the farm-gate. *World's Poultry Science Journal*, 66(2): 309–320.
- Pica-Ciamarra, U. & Robinson, T.** 2008. *Pro-poor review and analysis of livestock related policies. Guidelines and an application to Uganda*. FAO-PPLPI Guidelines, Version 1. Rome, FAO, and Addis Ababa, IGAD-LPI.
- Pica-Ciamarra, U., Tasciotti, L., Otte, J. & Zezza, A.** 2010. Livestock and livelihoods in developing countries. Evidence from household surveys. Rome, FAO. (unpublished paper)
- Pica-Ciamarra, U., Tasciotti, L., Otte, J. & Zezza, A.** 2011. *Livestock assets, livestock income and rural households: Cross-country evidence from household surveys*. FAO-ESA Working Paper No. 11-17. Rome, FAO.
- Pickering, H., Hayes, R.J., Ng'andu, N. & Smith, P.G.** 1986. Social and environmental factors associated with the risk of child mortality in a peri-urban community in the Gambia. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 80: 311–316.
- Pingali, P.** 2006. Agricultural growth and economic development: A view through the globalization lens. Presidential Address to the 26th International Conference of Agricultural Economists, 12 to 18 August 2006, Gold Coast, Australia.
- Pingali, P., Khwaja, Y. & Meijer, M.** 2005. Commercialising small farms: Reducing transaction costs. In *The future of small farms. Proceedings of a research workshop*, pp. 61–74. 26 to 29 June 2005, Withersdane Conference Centre, Wye, UK. London, IFPRI, ODI and Imperial College.

- Poulton, C., Kydd, J. & Dorward, A.** 2006. Overcoming market constraints on pro-poor agricultural growth in sub-Saharan Africa. *Development Policy Review*, 24(3): 243–277.
- PovcalNet.** 2010. *The on-line tool for poverty measurement developed by the Development Research Group of the World Bank*. <http://research.worldbank.org/povcalnet/povduplic.html>. (accessed June 2010)
- PPLPI.** 2008. *Pro-Poor Livestock Policy and Institutional Change: Case studies from South Asia, the Andean Region and West Africa*. Rome, FAO.
- Prahalad, C.K.** 2004. *The fortune at the bottom of the pyramid: Eradicating poverty through profits*. Philadelphia, Pennsylvania, USA, Wharton School Publishing.
- Prahalad, C.K. & Hart, S.** 2002. The fortune at the bottom of the pyramid. *Strategy and Business*, 26: 1–14.
- Rae, A.N. & Zhang, X.** 2009. China's booming livestock industry: household income, specialization and exit. *Agricultural Economics*, 40(6): 603–616.
- Ramaswamy, N.** 1994. Draught animals and welfare. *Rev. Sci. Tech.*, 13: 195–216.
- Ramsay, G. & Morgan, B.** 2009. *Barriers to market entry, poor livestock producers and public policy*. FAO-PPLPI Working Paper No. 46. Rome, FAO.
- Randolph, T., Schelling, E., Grace, D., Nicholson, C.F., Leroy, J.L., Cole, D.C., Demment, M.W., Omore, A., Zinsstag, J. & Ruel, M.** 2007. Role of livestock in human nutrition and health for poverty reduction in developing countries. *J. Anim. Sci.*, 85: 2788–2800.
- Rass, N.** 2006. *Policies and strategies to address the vulnerability of pastoralists in sub-Saharan Africa*. FAO-PPLPI Working Paper No. 37. Rome, FAO.
- Ravallion, M.** 2007. *Economic growth and poverty reduction: do poor countries need to worry about inequality?* 2020 Vision Brief. Washington, DC, IFPRI.
- Ravallion, M.** 2009. *The developing world's bulging (but vulnerable) "middle class"*. Policy Research Working Paper No. 4816. Washington, DC, World Bank, Development Research Group.
- Ravallion, M. & Chen, S.** 2003. Measuring pro-poor growth. *Economics Letters*, 78(1): 93–99.
- Ravallion, M., Chen, S. & Sangraula, P.** 2007. *New evidence on the urbanization of global poverty*. Policy Research Working Paper No. 4199. Washington, DC, World Bank, Development Research Group.
- Ravallion, M., Chen, S. & Sangraula, P.** 2008. *Dollar a day revisited*. Policy Research Working Paper No. 4620. Washington, DC, World Bank.
- Ravallion, M. & Datt, G.** 1999. *When is growth pro-poor? Evidence from the diverse experience of India's states*. World Bank Policy Research Working Paper Series No. 2263. Washington, DC, World Bank.
- Reardon, T. & Timmer, C.** 2005. Transformation of markets for agricultural output in developing countries since 1950: How has thinking changed? In R. Evenson, P. Pingali and T.P. Schultz, eds. *Handbook of agricultural economics*, Volume 3A, Chapter 13. Amsterdam, Netherlands, Elsevier.
- Robinson, T.P. & Pozzi, F.** 2011. *Mapping supply and demand for animal-source foods to 2030*. Animal Production and Health Division Working Paper No. 2. Rome, FAO.
- Robinson, T.P., Thornton, P., Franceschini, G., Kruska, R. & Chiozza, F.** 2011. *Global livestock production systems*. Rome, FAO.
- Rodriguez Gustá, A.L.** 2008. Políticas públicas en el Uruguay: un modelo de gestión híbrido en el combate a la fiebre aftosa. Buenos Aires, Universidad Nacional de San Martín. (unpublished paper)

- Rodrik, D.** 2007. *One economics, many recipes. Globalization, institutions and economic growth*. Princeton, New Jersey, USA, Princeton University Press.
- Rodrik, D., Submaranian, A. & Trebbi, F.** 2004. Institutions rule: The primacy of institutions over geography and integration in economic development. *Journal of Economic Growth*, 9: 131–165.
- Roeder, P. & Rich, K.** 2009. Conquering the cattle plague: The global effort to eradicate rinderpest. In D.J. Spielman and R. Pandya-Lorch. *Millions fed. Proven successes in agricultural development*. Washington, DC, IFPRI.
- Roland-Holst, D. & Otte, J.** 2006. *Livestock and livelihoods: Development goals and indicators applied to Senegal*. FAO-PPLPI Research Report 06-08. Rome, FAO.
- Roland-Holst, D. & Otte, J.** 2010. *Livestock sector development, economic growth and poverty reduction*. FAO-PPLPI Research Report 10-03. Rome, FAO.
- Rosenzweig, M. & Wolpin, K.** 1993. Credit market constraints, consumption smoothing, and the accumulation of durable production assets in low-income countries: Investment in bullocks in India. *Journal of Political Economy*, 101(2): 223–244.
- Rubin, D., Tezera, S. & Caldwell, L.** 2010. *A calf, a house, a business of one's own: Micro-credit, asset accumulation, and economic empowerment in GL CRSP projects in Ethiopia and Ghana*. Washington, DC, USAID, Global Livestock Collaborative Research Support Program.
- Rutherford, S.** 2000. *The poor and their money*. Delhi, Oxford University Press.
- Ruttan, V.W.** 2006. Social science knowledge and induced institutional innovation: An institutional design perspective. *Journal of Institutional Economics*, 2(3): 249–272.
- Sadler, K., Kerven, C., Calo, M., Manske, M. & Catley, A.** 2009. *A literature review of pastoral nutrition and programming responses*. Addis Ababa, Feinstein International Center, Tufts University and Save the Children.
- Sandford, S.** 1983. *Management of pastoral development in the Third World*. Chichester, UK, John Wiley.
- Sandford, S.** 1988. Integrated cropping-livestock systems for dryland farming in Africa. Presented at the International Dryland Farming Conference, Amarillo/Bushland, Texas, USA.
- SA-PPLPP.** 2009. *Making modern poultry markets work for the poor. An example of cooperative development from Madhya Pradesh, India*. Good Practice Note SAGP 03. New Delhi, South Asia Pro-Poor Livestock Policy Programme (SA-PPLPP).
- Schultz, T.W.** 1964. *Transforming traditional agriculture*. New Haven, Connecticut, USA, Yale University Press.
- Séré, C. & Steinfeld, H.** 1996. *World livestock production systems: current status, issues and trends*. FAO Animal Production and Health Paper No. 127. Rome, FAO.
- Serra, N. & Stiglitz, J., eds.** 2008. *The Washington Consensus reconsidered. Towards a new global governance*. Oxford, UK, Oxford University Press.
- Shapiro, B.I., Haider, J., Wold, A. & Misgina, A.** 2000. The intra-household economic and nutritional impacts of market-oriented dairy production: evidence from the Ethiopian highlands. In *Agro-ecosystems, natural resources management and human health related research in East Africa: Proceedings of an IDRC-ILRI International Workshop*, pp. 109–123. 11 to 15 May 1998, Addis Ababa, ILRI. Ottawa, International Development Research Centre.
- Shepard, K. & Soule, M.** 1998. Soil fertility management in west Kenya: Dynamic simulation of productivity, profitability and sustainability at different resource endowment levels. *Agriculture, Ecosystems and Environment*, 71: 131–145.

- Sinn, R., Ketzis, J. & Chen, T.** 1999. The role of women in the sheep and goat sector. *Small Ruminant Research*, 34(3): 259–269.
- Spencer, D.** 2002. The future of agriculture in sub-Saharan Africa and South Asia: W(h)ither the small farm? In *Sustainable Food Security for All by 2020. Proceedings of an International Conference*, 4 to 6 September 2001, Bonn, Germany. Washington, DC, IFPRI.
- Spielman, D.J. & Pandya-Lorch, R.** 2009. Fifty years of progress. In D.J. Spielman and R. Pandya-Lorch. *Millions fed. Proven successes in agricultural development*. Washington, DC, IFPRI.
- Staal, S., Nin Pratt, A. & Jabbar, M.** 2008a. *Dairy development for the resource poor part 2: Kenya and Ethiopia dairy development case studies*. FAO-PPLPI Working Paper No. 44-2. Rome, FAO.
- Staal, S., Nin Pratt, A. & Jabbar, M.** 2008b. *Dairy development for the resource poor part 3: Pakistan and India dairy development case studies*. FAO-PPLPI Working Paper No. 44-3. Rome, FAO.
- Start, D.** 2001. The rise and fall of the rural non-farm economy. *Development Policy Review*, 19(4): 491–505.
- Svita, V. & Rao, S.** 2007. *Deccani wool in Andhra Pradesh – a study*. Maharashtra, India, Anthra.
- Tangka, F.K., Emerson, R.D. & Jabbar, M.A.** 2002. *Food security effects of intensified dairying: Evidence from the Ethiopian highlands*. Socio-economics and Policy Research Working Paper No. 44. Nairobi, ILRI.
- Tangka, F.K., Jabbar, M.A. & Shapiro, B.I.** 2000. *Gender roles and child nutrition in livestock production systems in developing countries: A critical review*. Socio-economics and Policy Research Working Paper No. 27. Nairobi, ILRI.
- Teufel, N., Markemann, A., Kaufmann, B., Valle-Zarate, A. & Otte, J.** 2010. *Livestock production systems in South Asia and the Greater Mekong sub-region*. FAO-PPLPI Working Paper No. 48. Rome, FAO.
- Thirtle, C., Irz, X., Lin, L., McKenzie-Hill, V. & Wiggins, S.** 2001. *Relationship between changes in agricultural productivity and the incidence of poverty in developing countries*. DFID Report No. 7946. London, DFID.
- Thomas, D., Zerbini, E., Parthasarathy Rao, P. & Vaidyanathan, A.** 2002. Increasing animal productivity on small mixed farms in South Asia: A systems perspective. *Agricultural Systems*, 71: 41–57.
- Thomas-Slayter, B. & Bhatt, N.** 1994. Land, livestock and livelihoods: Changing dynamics of gender, caste, and ethnicity in a Nepalese village. *Human Ecology*, 22(4): 467–494.
- Thorbecke, E. & Jung, H.** 1996. A multiplier decomposition method to analyse poverty alleviation. *Journal of Development Economics*, 48(2): 279–300.
- Thornton, P.K., Kruska, R.L., Henninger, N., Kristjanson, P.M., Reid, R.S., Atieno, F., Odero, A. & Ndegwa, T.** 2002. *Mapping poverty and livestock in the developing world*. Nairobi, ILRI.
- Thornton, P.K., Kruska, R.L., Henninger, N., Kristjanson, P.M., Reid, R.S. & Robinson, T.P.** 2003. Locating poor livestock keepers at the global level for research and development targeting. *Land Use Policy*, 20: 311–322.
- Thornton, P.K., Herrero, M., Freeman, A., Mwai, O., Rege, E., Jones, P. & McDermott, J.** 2007. Vulnerability, climate change and livestock – research opportunities and challenges for poverty alleviation. *Journal of SAT Agricultural Research*, 4(1): 1–23.

- Tiffin, M.** 2003. Transition in sub-Saharan Africa: Agriculture, urbanization and income growth. *World Development*, 11(8): 1343–1366.
- Tiffin, R. & Irz, X.** 2006. Is agriculture the engine of growth? *Agricultural Economics*, 35: 79–89.
- Timmer, C.P.** 1997. *How well do the poor connect to the growth process?* CAER II Discussion Paper No. 17. Cambridge, Massachusetts, USA, Harvard Institute for International Development.
- Timmer, C.P.** 2005. *Agriculture and pro-poor growth: An Asian perspective.* Working Paper No. 63. Washington, DC, Centre for Global Development.
- Tipilda, A. & Kristjanson, P.** 2009. *Women and livestock development: A review of the literature.* ILRI Innovations Work Discussion Paper 01-09. Nairobi, ILRI.
- UN.** 2003. *World population prospects. The 2002 revision.* New York.
- UN.** 2007. *World urbanization prospects: The 2007 revision population database.* New York, UN Population Division.
- UN.** 2008. *World urbanization prospects. The 2007 revision.* New York.
- Upton, M.** 1985. Returns from small ruminant production in south-west Nigeria. *Agric. Systems*, 17(2): 65.
- Upton, M.** 2001. *Trade in livestock and livestock products: International regulation and role for economic development.* FAO-AGA Policy Discussion Paper No. 6. Rome, FAO.
- Upton, M. & Otte, J.** 2004. *Pro-poor livestock policies: Which poor to target?* FAO-PPLPI Research Report 04-02. Rome, FAO.
- USEPA.** 2006. *Global anthropogenic non-CO₂ greenhouse gas emissions: 1990–2020.* Office of Atmospheric Programs Climate Change Division. www.epa.gov/nonco2/econ-inv/international.html.
- Valdés, A., Foster, W., Anríquez, G., Azzarri, C., Covarrubias, K., Davis, B., DiGiuseppe, S., Essam, T., Hertz, T., de la O, A.P., Quiñones, E., Stamoulis, K., Winters, P. & Zezza, A.** 2008. *A profile of the rural poor.* FAO-ESA Working Paper 09-04. Rome, FAO.
- Valdivia, C.** 2001. Gender, livestock assets, resource management and food security: Lessons from the SR-CRSP. *Agriculture and Human Values*, 18: 27–39.
- Warr, P.G.** 2002. *Poverty incidence and sectoral growth.* UNU WIDER Discussion Paper No. 2002/20. Helsinki, United Nations University.
- Waters-Bayer, A.** 1988. *Dairying by settled Fulani in central Nigeria: The role of women and implications for dairy development.* Farming Systems and Resource Economics in the Tropics. Kiel, Germany, Wissenschaftsverlag Vauk.
- Werbeke, W., D'Haese, M., Kyeyamwa, H., Opuda-Asibo, J. & Van Huylenbroeck, G.** 2009. Assessing institutional development for livestock market participation of traditional cattle keepers in Uganda, Tanzania and Kenya. *Outlook on Agriculture*, 38(3): 275–283.
- WHO.** 2004. *Global burden of disease 2004 update.* Geneva.
- Wiggins, S.** 2009. Can the smallholder model deliver poverty reduction and food security for a rapidly growing population in Africa? Presented at Expert Meeting on How to feed the World in 2050, 24 to 26 June 2009, Rome, FAO.
- Wiggins, S. & Proctor, S.** 2001. How special are rural areas? The economic implications of location for rural development. *Development Policy Review*, 19(4): 427–436.
- Williamson, O.** 2000. The new institutional economics: Taking stock, looking ahead. *Journal of Economic Literature*, 38: 595–613.

- Woden, Q.** 1999. *Growth, poverty and inequality: a regional panel for Bangladesh*. World Bank Policy Research Working Paper No. 2072. Washington, DC, World Bank.
- Woolhouse, M. & Gowtage-Sequeria, S.** 2005. Host range and emerging and reemerging pathogens. *Emerging Infectious Diseases*, 11(2):1842–1847.
- World Bank.** 2003. *Reaching the rural poor: A renewed strategy for rural development*. Washington, DC, World Bank.
- World Bank.** 2006. *Global economic prospects 2006*. Washington, DC.
- World Bank.** 2007. *Global economic prospects 2007*. Washington, DC.
- World Bank.** 2008. *World Development Report 2008: Agriculture for development*. Washington, DC.
- World Bank.** 2010a. *Data-Key development data and statistics: country classification*. www.worldbank.org/data. (accessed February 2010)
- World Bank.** 2010b. *World Development Indicators (WDI) and Global Development Finance (GDF)*. www.worldbank.org/indicator. (accessed April 2010)
- World Bank.** 2011. The World Bank Data Repository. Washington, DC.
- Wouterse, F. & Taylor, J.E.** 2008. Migration and income diversification. Evidence from Burkina Faso. *World Development*, 36(4): 625–640.
- Wu, Y.** 2005. *Understanding international food consumption patterns*. Perth, Australia, University of Western Australia Business School.
- Zeza, A., Winters, P., Davis, B., Carletto, G., Covarrubias, K., Quinones, E., Stamoulis, K., Karfakis, T., Tasciotti, L., DiGiuseppe, S. & Bonomi, G.** 2007. *Rural household access to assets and agrarian institutions: A cross country comparison*. ESA Working Paper 07-17. Rome, FAO.
- Zeza, A., Winters, P., Davis, B., Carletto, G., Covarrubias, K., Quiñones, E. & Tasciotti, L.** 2011. Rural household access to assets and markets: A cross country comparison. *European Journal of Development Research*, 23: 569–597.