

- 术语
- 参考文献
- 《粮食及农业状况》
特别章节
- 若干出版物



术语

农业生物多样性

农业生物多样性是个广义的术语，包括所有与粮食及农业有关的生物多样性，以及所有构成农业生态系统的生物多样性成分：处于遗传、种群和生态系统层次的动物、植物和微生物的种类和可变性。这是维持农业生态系统、其结构和过程的关键功能所必不可少的。

生物多样性

所有来源的活的生物体中的变异性，这些来源主要包括陆地、海洋和其他水生生态系统及其所构成的生态综合体；这包括物种内、物种之间和生态系统的多样性。

买方（环境服务使用方）

会受到该服务积极影响的个体或群体，并愿意为这种服务提供某些经济利益。

碳固存

将碳以某种化学形态长期存放，使其不加剧全球变暖。最常见的碳固存方法是在地面和地下增加生物质，增加土壤有机碳和增加不会轻易分解的非有机碳化合物（如碳酸钙）。

直接使用价值

产生于所交易货物和服务的价值，通常包括私人利益。

生态系统

植物、动物和微生物界与无生命环境作为功能单位互动的动态复合体。

生态系统服务

人们从生态系统中得到的益处。

生态系统外部性

无偿提供生态系统服务（正面外部性）或不惩罚对提供生态系统服务产生的负面影响（负面外部性）。也参见“环境服务”。

环境服务

以外部性为特点的生态系统服务分支。

存在价值

人们自其所了解的某一生态系统服务存在所获得的益处，即便他们可能永远不会实际使用这一服务。也被称为“非使用价值”。

农民

包括作物、家畜、鱼及森林产品在内的所有农产品的生产者。

间接使用价值

间接地从诸如流域保护、碳固存以及生物多样性保护等各种服务得到的益处。

非使用价值

人们自其所了解的某一生态系统服务存在所获得的益处，即便他们可能永远不会实际使用这一服务。也被称为“存在价值”。

机会成本

生产者为了改变其方法而要放弃的利益，例如为了提供某种环境服务。

选择价值

为使用某种生态系统服务而保持未来可能性的相关价值。

环境服务支付

为环境服务提供而在买卖双方之间进行的自愿现金转移。

公共利益

一种被某人使用而又不影响他人使用、也无法排斥他人使用的利益。

卖方（某种环境服务的卖方）

可通过更改其方法以提供更多环境服务的个人或群体。本报告主要指农民。

使用价值

“直接使用价值”与“间接使用价值”的总和。

参考文献

- Adger, W.N., Brown, K., Cervigni, R. & Moran, D.** 1995. Total economic value of forests in Mexico. *Ambio*, 24(5): 286–296.
- Agarwal, A. & Narain, S.** 2000. *Redressing ecological poverty through participatory democracy: case studies from India*. Working Paper Series No. 36. Amherst, MA, USA, Political Economy Research Institute (PERI), University of Massachusetts.
- Alix-Garcia, J., de Janvry, A. & Sadoulet, E.** 2005. A tale of two communities: explaining deforestation in Mexico. *World Development*, 33(2): 219–235.
- Alix-Garcia, J., de Janvry, A. & Sadoulet, E.** Forthcoming. The role of deforestation risk and calibrated compensation in designing payments for environmental services. *Environment and Development Economics*.
- Alrusheidat, J.** 2004. Preventing environmental problems in the arid and semi-arid zones – environmental education is what we need. *New Medit*, 3(3): 50–54.
- Amacher, G.S. & Feather, P.M.** 1997. Testing producer perceptions of jointly beneficial best management practices for improved water quality. *Applied Economics*, 29(2): 153–159.
- Andersen, L.E.** 1997. *A cost-benefit analysis of deforestation in the Brazilian Amazon*. Discussion Paper 455. Rio de Janeiro, Brazil, Research Institute for Applied Economics (IPEA).
- Antle, J.M. & Valdivia, R.O.** 2006. Modelling the supply of ecosystem services from agriculture: a minimum-data approach. *The Australian Journal of Agricultural and Resource Economics*, 50(1): 1–15.
- ASB (Alternatives to Slash and Burn Programme).** 2001. *The Krui agroforests: a model of sustainable community-based management*. Policy Brief No. 2. Nairobi.
- Ayres, W.S. & Dixon, J.A.** 1995. *Economic and ecological benefits of reducing emissions of sulfur oxides in the Sostanj region of Slovenia*. Environment Department Paper No. 009. Washington, DC, World Bank.
- Baidu-Forson, J.** 1999. Factors influencing adoption of land-enhancing technology in the Sahel: lessons from a case study in Niger. *Agricultural Economics*, 20(3): 231–239.
- Barbier, E.B.** 1989. *Economics, natural-resource scarcity and development: conventional and alternative views*. London, Earthscan.
- Baumert, K.A., Herzog, T. & Pershing, J.** 2005. *Navigating the numbers: greenhouse gas data and international climate policy*. Washington, DC, World Resources Institute.
- Bayon, R., Hawn, A. & Hamilton, K.** 2007. *Voluntary carbon markets: an international business guide to what they are and how they work*. London, Earthscan.
- Bennett, M.T. & Xu, J.** 2005. *China's Sloping Land Conversion Program: institutional innovation or business as usual?* Paper presented at the ZEF/CIFOR Workshop on Payments for Environmental Services (PES): Methods and Design in Developing and Developed Countries, 15–18 June 2005, Titisee, Germany.
- Biesmeijer, J.C., Roberts, S.P.M., Reemer, M., Ohlemüller, R., Edwards, M., Peeters, T., Schaffers, A.P., Potts, S.G., Kleukers, R., Thomas, C.D., Settele J. & Kunin, W.E.** 2006. Parallel declines in pollinators and insect-pollinated plants in Britain and the Netherlands. *Science*, 313: 351–354.
- Bioversity International.** 2006. *Developing a global approach to study markets for agricultural biodiversity products*. Paper presented at the World Congress on Communications for Development, 25–27 October 2006. Rome (Unpublished)
- Boutayeb, A. & Boutayeb, S.** 2005. The burden of non communicable diseases in developing countries. *International Journal for Equity in Health*, 4:2.
- Bromley, D.** 1998. Property regimes in economic development: lessons and policy implications. In E. Lutz, ed. *Agriculture and the environment: perspectives on sustainable rural development*, pp. 83–91. Washington, DC, World Bank.
- Bruijnzeel, L.A.** 2004. Hydrological functions of tropical forests: not seeing the soil for the trees? *Agriculture, Ecosystems and Environment*, 104(1): 185–228.
- Buchanan, J.M. & Tullock, G.** 1975. Polluters' profits and political response: direct controls versus taxes. *American Economic Review*, 65(March): 139–147.
- BWI (Biodiversity and Wine Initiative).** 2007. Web site (available at <http://www.bwi.co.za/>).
- Caldés, N., Coady, D. & Maluccio, J.A.** 2006. The cost of poverty alleviation transfer programs: a comparative analysis of three programs in Latin America. *World Development*, 34(5): 818–837.

- CBD (Convention on Biological Diversity).** 1993. *Convention on Biological Diversity*. Text concluded at Rio de Janeiro on 5 June 1992. United Nations Treaty Series. New York, USA, United Nations.
- CBD.** 2000. *Agricultural biological diversity: review of phase I of the programme of work and adoption of a multi-year work programme*. Fifth Ordinary Meeting of the Conference of the Parties to the Convention on Biological Diversity – COP V/5. 15–26 May 2000, Nairobi.
- CERES.** 2006. *Press Release. Dozens of new insurance products emerging to tackle climate change and rising weather losses*. Online press release (available at http://www.ceres.org/news/news_item.php?nid=221).
- Chomitz, K.M.** 2007. *At loggerheads? Agricultural expansion, poverty reduction, and environment in the tropical forests*. World Bank Policy Research Report. Washington, DC, World Bank.
- Claassen, R., Hansen, L., Peters, M., Breneman, V., Weinberg, M., Cattaneo, A., Feather, P., Gadsby, D., Hellerstein, D., Hopkins, J., Johnston, P., Morehart, M. & Smith, M.** 2001. *Agri-environmental policy at the crossroads: guideposts on a changing landscape*. Agricultural Economic Report No. 794. Washington, DC, Economic Research Service, United States Department of Agriculture.
- Coady, D., Grosh, M. & Hoddinott, J.** 2004. Targeting outcomes redux. *World Bank Research Observer*, 19(1): 61–85.
- Coase, R.** 1960. The problem of social cost. *Journal of Law and Economics*, 3(October): 1–44.
- Committee on the Status of Pollinators in North America.** 2007. *Status of pollinators in North America: executive summary*. Washington, DC, National Research Council.
- Comprehensive Assessment of Water Management in Agriculture.** 2007. *Water for food, water for life: a comprehensive assessment of water management in agriculture*. London, Earthscan and Colombo, International Water Management Institute.
- Cosbey, A., Murphy, D., Drexhage, J. & Balint, J.** 2006. *Making development work in the CDM: Phase II of the Development Dividend Project*. Winnipeg, Canada, International Institute for Sustainable Development.
- Cramb, R.A., Garcia, J.N.M., Gerrits, R.V., & Saguiguit, G.C.** 2000. Conservation farming projects in the Philippine uplands: rhetoric and reality. *World Development*, 28(5): 911–927.
- Dagang, A.B.K. & Nair, P.K.R.** 2003. Silvopastoral research and adoption in Central America: recent findings and recommendations for future directions. *Agroforestry Systems*, 59(2): 149–155.
- Dasgupta, P.** 1993. *An inquiry into well-being and destitution*. Oxford, UK, Oxford University Press.
- Dasgupta, P.** 1996. The economics of the environment. *Environment and Development Economics*, 1(4): 387–421.
- Dasgupta, S.** 1999. *Opportunities for improving environmental compliance in Mexico*. World Bank Policy Research Working Paper Series No. 2245. Washington, DC, World Bank.
- Dasgupta, P. & Maler, K.G.** 1995. Poverty, institutions and the environmental resource base. In J. Behrman & T.N. Srinivisan, eds. *Handbook of development economics*, Volume IIIB, Chapter 39. Part 8: Resources, technology, and institutions, pp. 2371–2463. Amsterdam, North-Holland Publishing.
- Davis, B.** 2003. Innovative policy instruments and evaluation in rural and agricultural development in Latin America and the Caribbean. In FAO. *Current and emerging issues for economic analysis and policy research (CUREMIS II). Volume I: Latin America and the Caribbean*, edited by B. Davis, Chapter 3, pp. 67–104. Rome.
- De Jong, B.H.J., Tipper, R. & Montoya-Gómez, G.** 2000. An economic analysis of the potential for carbon sequestration by forests: evidence from southern Mexico. *Ecological Economics*, 33(2): 313–327.
- de la Brière, B. & Rawlings, L.B.** 2006. *Examining conditional cash transfer programs: a role for increased social inclusion?* Social Protection Discussion Paper No. 0603. Washington, DC, World Bank.
- Deininger, K.** 1999. Making negotiated land reform work: initial experience from Colombia, Brazil, and South Africa. *World Development*, 27(4): 651–672.
- Dennis, P., Shellard, L.D.F. & Agnew, R.D.M.** 1996. Shifts in arthropod species assemblages in relation to silvopastoral establishment in upland pastures. *Agroforestry Forum*, 7(3): 14–21.
- Derpsch, R.** 2005. The extent of conservation agriculture adoption worldwide: implications and impact. In *Proceedings of the Third World Congress on Conservation Agriculture: Linking Production, Livelihoods and Conservation, Nairobi, Kenya, 3–7 October 2005* [CD-Rom]. Harare, African Conservation Tillage Network Productions.
- Diagana, B., Antle, J., Stoorvogel, J. & Gray, K.** 2007. Economic potential for soil carbon

- sequestration in the Niore Region of Senegal's Peanut Basin. *Agricultural Systems*, 94(1): 26–37.
- Dietz, T. & Stern, P.C.**, eds. 2002. *New tools for environmental protection: education, information and voluntary measures*. Washington, DC, The National Academies Press.
- Dixon, J. & Gulliver, A. with Gibbon, D.** 2001. *Farming systems and poverty: improving farmers' livelihoods in a changing world*, edited by M. Hall. Rome, FAO and Washington, DC, World Bank.
- Doak, C.M., Adair, L.S., Monteiro, C. & Popkin, B.M.** 2000. Overweight and underweight coexist within households in Brazil, China and Russia. *The Journal of Nutrition*, 130: 2965–2971.
- Dobbs, T.L. & Pretty, J.N.** 2004. Agri-environmental stewardship schemes and "Multifunctionality". *Review of Agricultural Economics*, 26(2): 220–237.
- Echavarría, M., Vogel, J., Albán, M. & Meneses, F.** 2004. *The impacts of payments for watershed services in Ecuador: emerging lessons from Pimampiro and Cuenca*. Markets for Environmental Services Series No. 4. London, International Institute for Environment and Development.
- Ecosystem Marketplace.** 2005. *Matrix of ecosystem service payments: today and in the future. Supplement 1 – ecosystem market matrix*. Report to UNDP/GEF on institutionalizing payments for ecosystem services. Washington, DC, Forest Trends (cited in FAO, 2007c).
- Ecosystem Marketplace.** 2007. Web site (available at <http://ecosystemmarketplace.com/index.php>).
- Fafchamps, M.** 1992. Cash crop production, food price volatility and rural market integration in the Third World. *American Journal of Agricultural Economics*, 74(1): 90–99.
- FAO.** N.d. *Afforestation and reforestation projects under the Clean Development Mechanism of the Kyoto Protocol*. Forest Resources Division fact sheet. Rome.
- FAO.** 1997. *The state of the world's plant genetic resources for food and agriculture*. Rome.
- FAO.** 1999. *Rural poverty, risk and development*, by M. Fafchamps. FAO Economic and Social Development Paper No. 144. Rome.
- FAO.** 2001. *Zero tillage development in tropical Brazil – The story of a successful NGO activity*, by J.N. Landers. FAO Agricultural Services Bulletin No. 147. Rome.
- FAO.** 2002a. *Cooperation between a small private hydropower producer and a conservation NGO for forest protection: the case of La Esperanza, Costa Rica*, by M. Rojas & B. Aylward. Land-Water Linkages in Rural Watersheds Case Study Series. Rome.
- FAO.** 2002b. *The State of Food and Agriculture 2002*. FAO Agriculture Series No. 34. Rome.
- FAO.** 2003a. *World agriculture: towards 2015/2030. An FAO perspective*, edited by J. Bruinsma. Rome, FAO and London, Earthscan.
- FAO.** 2003b. *Optimizing soil moisture for plant production – the significance for soil porosity*, by F. Shaxson & R. Barber. FAO Soils Bulletin 79. Rome.
- FAO.** 2003c. *Smallholder agroforestry projects: potential for carbon sequestration and poverty alleviation*, by O.J. Cacho, G.R. Marshall & M. Milne. ESA Working Paper No. 03-06. Rome.
- FAO.** 2003d. *Unlocking the water potential of agriculture*. Rome.
- FAO.** 2004a. *Carbon sequestration in dryland soils*. World Soil Resources Report No. 102. Rome.
- FAO.** 2004b. *Payment schemes for environmental services in watersheds*. Regional Forum, Arequipa, Peru, 9–12 June 2003. Land and Water Discussion Paper 3. Rome.
- FAO.** 2004c. *Valuation methods for environmental benefits in forestry and watershed investment projects*, by R. Cavatassi. ESA Working Paper No. 04-01. Rome.
- FAO.** 2004d. *The State of Agricultural Commodity Markets 2004*. Rome.
- FAO.** 2004e. *The market for non-traditional agricultural exports*. FAO Commodities and Trade Technical Paper No. 3. Rome.
- FAO.** 2005a. *The State of Food and Agriculture 2005: agricultural trade and poverty: can trade work for the poor?* FAO Agriculture Series No. 36. Rome.
- FAO.** 2005b. *An assessment of Mexico's Payment for Environmental Services Program – Mexico Country Case Study Report*, by J. Alix-García, A. de Janvry, E. Sadoulet, J.M. Torres, J. Braña & M.Z. Ramos. Roles of Agriculture Project (ROA), Environment Services. Rome.
- FAO.** 2005c. *The State of Food Insecurity in the World 2005*. Rome.
- FAO.** 2006a. *Livestock's long shadow: environmental issues and options*, by H. Steinfield, P. Gerber, T. Wassenaar, V. Castel, M. Rosales & C. de Haan. Livestock, Environment and Development Initiative. Rome.
- FAO.** 2006b. *Global Forest Resources Assessment 2005 – progress towards sustainable forest management*. FAO Forestry Paper No. 147. Rome.

- FAO 2006c.** *Using markets to promote the sustainable utilization of crop genetic resources.* Project funded by the FAO–Netherlands Partnership Programme. Draft project methodology. Unpublished. Rome.
- FAO. 2006d.** *Land tenure as an incentive for environmental service provision: lessons from Nepal and the Philippines*, by A. Agostini & L. Lipper. Unpublished research draft. Rome.
- FAO. 2006e.** *Putting payments for environmental services in the context of economic development*, by D. Zilberman, L. Lipper & N. McCarthy. ESA Working Paper No. 06-15. Rome.
- FAO. 2006f.** *Abatement and transaction costs of carbon-sink projects involving smallholders*, by O.J. Cacho & L. Lipper, ESA Working Paper No. 06-13. Rome.
- FAO. 2006g.** *Gender, the missing component of the response to climate change*. by Y. Lambrou & G. Piana. Rome.
- FAO. 2006h.** FAOSTAT statistical database. Rome (available at <http://faostat.fao.org>).
- FAO. 2006i.** *World agriculture: towards 2030/2050.* Interim report. Rome.
- FAO. 2006j.** *The State of Agricultural Commodity Markets 2006.* Rome.
- FAO. 2006k.** *Food Security Statistics.* FAOSTAT domain. Rome (available at http://www.fao.org/es/ess/faostat/foodsecurity/index_en.htm).
- FAO. 2006l.** *The State of Food Insecurity in the World 2006.* Rome.
- FAO. 2007a.** *The roles of agriculture in development: policy implications and guidance.* Research programme summary report 2007. Socio-economic analysis and policy implications of the roles of agriculture in developing countries, Roles of Agriculture Project Phase II. Rome.
- FAO. 2007b.** *Agriculture and water scarcity: a programmatic approach to water use efficiency and agricultural productivity.* Twentieth Session, Committee on Agriculture, COAG/2007/7. Rome.
- FAO. 2007c.** *Payments for ecosystem services: potential contributions to smallholder agriculture in developing countries*, by S. Scherr & J. Milder. SOFA 2007 background paper. Unpublished. Rome.
- FAO. 2007d.** *Who is buying ecosystem services?* by J. Salzman. SOFA 2007 background paper, Unpublished. Rome.
- FAO. 2007e.** *Agriculture and poverty reduction. Is agriculture still the key to rural development?*, by G. Anriquez & K. Stamoulis. ESA Working Paper No. 07-02.
- FAO. 2007f.** *Managing environmental services in agricultural landscapes and to reduce poverty: can PES programmes deliver environmental and poverty objectives?*, by E. Bulte, D. Zilberman, L. Lipper and R. Stringer. SOFA 2007 background paper. Unpublished. Rome.
- FAO/Forest Trends. 2007.** *Investing in the future: an assessment of private sector demand for engaging in markets & payments for ecosystem services*, by S. Waage, with contributions from I. Mulder, K. ten Kate, S. Sherr, J.P. Roberts, A. Hawn, K. Hamilton, R. Bayon and N. Carroll. Forthcoming in PESAL (Payments for Environmental Services from Agricultural Landscapes) Papers series. Rome, FAO and Washington, DC, Forest Trends.
- Fearnside, P.M. & Guimarães, W.M.** 1996. Carbon uptake by secondary forests in Brazilian Amazonia. *Forest Ecology and Management*, 80(1): 35–46.
- Feather, P. & Amacher, G.** 1994. Role of information in the adoption of best management practices for water quality improvement. *Agricultural Economics*, 11(2–3): 159–170.
- Ferraro, P.J.** 2001. Global habitat protection: limitations of development interventions and the role for conservation performance payments. *Conservation Biology*, 15(4): 990–1000.
- Fisher, M.J., Rao, I.M., Ayarza, M.A., Lascano, C.E., Sanz, J.I., Thomas, R.J. & Vera, R.R.** 1994. Carbon storage by introduced deep-rooted grasses in the South American savannas. *Nature*, 371(6494): 236–238.
- Fischer, G., Shah, M., Tubiello, F.N. & van Velhuizen, H.** 2005. Socio-economic and climate change impacts on agriculture: an integrated assessment, 1990–2080. *Philosophical Transactions of the Royal Society B*, 360: 2067–2083.
- Foley, J.A., DeFries, R., Asner, G.P., Barford, C., Bonan, G., Carpenter, S.R., Chapin, F.S., Coe, M.T., Daily, G.C., Gibbs, H.K., Helkowski, J.H., Holloway, T., Howard, E.A., Kucharik, C.J., Monfreda, C., Patz, J.A., Prentice, I.C., Ramankutty, N. & Snyder, P.K.** 2005. Global consequences of land use. *Science*, 309(5734): 570–574.
- FONAFIFO (Fondo Nacional de Financiamiento Forestal).** 2005. *The Environmental Services Program: a success story of sustainable development implementation in Costa Rica. FONAFIFO, over a decade of action*, edited by J.M. Rodríguez. San José.
- GEF (Global Environment Facility).** 2007a. Ethiopia – a dynamic farmer-based approach to the

- conservation of African plant genetic resources. Project Web page (available at <http://www.gefonline.org/projectDetails.cfm?projID=351>).
- GEF.** 2007b. *The Public-Private Partnership Initiative: furthering the GEF strategy to enhance management with the private sector.* Project Executive Summary. Washington, DC.
- Glachant, M.** 1999. The cost efficiency of voluntary agreements for regulating industrial pollution: a Coasen approach. In C. Carraro & F. Leveque, eds. *Voluntary approaches in environmental policy*, pp. 75–91. Dordrecht, Netherlands, Kluwer Academic Publishing.
- Gorenflo, L.J. & Brandon, K.** 2006. Key human dimensions of gaps in global biodiversity conservation. *BioScience*, 56(9): 723–731.
- Grieg-Gran, M., Porras, I.T. & Wunder, S.** 2005. How can market mechanisms for forest environmental services help the poor? Preliminary lessons from Latin America. *World Development*, 33(9): 1511–1527.
- Guo, P., Choudhary M.A. & Rahman, A.** 1999. Tillage-induced changes in a silt loam under continuous cropping. II. Soil erosion and infiltrability under simulated rainfall. *International Agricultural Engineering Journal*, 8: 161–174.
- Haddad, L., Hoddinott, J. & Alderman, H., eds.** 1997. *Intrahousehold resource allocation in developing countries. Models, methods and policy.* Washington, DC, International Food Policy Research Institute (IFPRI) and Baltimore, MD, USA, The Johns Hopkins University Press.
- Harvey, C. & Haber, W.** 1999. Remnant trees and the conservation of biodiversity in Costa Rican pastures. *Agroforestry Systems*, 44(1): 37–68.
- Hawkins, D.E. & Lamoureux, K.** 2001. Global growth and magnitude of ecotourism. In D.B. Weaver, ed. *The encyclopedia of ecotourism*, pp. 63–83. New York, USA, CABI Publishing.
- Hayami, Y. & Ruttan, V.W.** 1985. *Agricultural development: an international perspective.* Revised edition. Baltimore, MD, USA, The Johns Hopkins University Press.
- Hearne, R.R.** 1996. *A review of economic appraisal of environmental goods and services with a focus on developing countries.* Environmental Economics Programme Discussion Paper No. DP96-03. Washington, DC, World Bank.
- Hebblethwaite, J.F.** 1993. Conservation tillage as a tool to conserve soil, moisture, energy, and equipment in large and small crop production systems. In J.P. Srivastava & H. Alderman, eds. *Agriculture and environmental challenges. Proceedings of the Thirteenth Agricultural Sector Symposium*, pp. 59–66. Washington, DC, World Bank.
- Herling, M. & King, N.** 2005. *National review of payments for catchment protection services in South Africa.* South Africa Working Paper Series No. 6. Pretoria, Council for Scientific and Industrial Research.
- Hochman, E., Zilberman, D. & Just, R.E.** 1977. Two-goal regional environmental policy: the case of the Santa Ana River Basin. *Journal of Environmental Economics and Management*, 4(1): 25–39.
- Hoff, K., Braverman, A. & Stiglitz, J.** 1993. *The economics of rural organization: theory, practice and policy.* New York, USA, Oxford University Press.
- Holden, S.T. & Binswanger, H.P.** 1998. Small farmer decision-making, market imperfections, and natural resource management in developing countries. In E. Lutz, ed. *Agriculture and the environment: perspectives on sustainable rural development*, pp. 50–71. Washington, DC, World Bank.
- ICF (Inter City Fund International).** 2006. *Voluntary carbon offsets market: outlook 2007.* London, ICF International.
- ICTSD (International Centre for Trade and Sustainable Development).** 2006. *Incentive measures and WTO rules.* COP-8 Biodiversity and Trade Briefings No. 1. Geneva, Switzerland.
- IEA GHG (International Energy Agency Greenhouse Gas Research and Development Programme).** 2005. *Assessment of the costs and enhanced potential for carbon sequestration in soils.* Technical Report 2005/04. Cheltenham, UK.
- IFAD (International Fund for Agricultural Development).** 2001. *Rural poverty report 2001: the challenge of ending rural poverty.* New York, USA, Oxford University Press.
- IFOAM (International Federation of Organic Agriculture Movements).** 2007. *Organics booming: 75 million acres of farmland are now organically certified worldwide.* Press release (available at http://www.organicconsumers.org/articles/article_4127.cfm, accessed 14 February 2007).
- Iftikhar, U.A., Kallesoe, M., Duraiappah, A., Sriskanthan, G., Poats, S.V. & Swallow, B.** 2007. *Exploring the inter-linkages among and between Compensation and Rewards for Ecosystem Services (CRES) and human well-being.* CES Scoping Study Issue Paper No. 1.

- ICRAF Working Paper No. 36. Nairobi, World Forestry Centre.
- IPCC (Intergovernmental Panel on Climate Change).** 1996. *Climate change 1995: the science of climate change. Contribution of Working Group I to the Second Assessment Report of the Intergovernmental Panel on Climate Change*, edited by J.T. Houghton, L.G. Meiro Filho, B.A. Callander, N. Harris, A. Kattenburg & K. Maskell. Cambridge, UK, Cambridge University Press.
- IPCC.** 2007a. Summary for policymakers. In *Climate change 2007: the physical science basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge, UK, and New York, USA, Cambridge University Press.
- IPCC.** 2007b. *Climate change 2007: mitigation. Contribution of Working Group III to the Fourth Assessment Panel on Climate Change*. Cambridge, UK, and New York, USA, Cambridge University Press.
- IPCC.** 2007c. Summary for policymakers. In *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, UK, and New York, USA, Cambridge University Press.
- ISEAL (International Social and Environmental Accreditation and Labelling Alliance).** 2006. *ISEAL code of good practice for setting social and environmental standards* (available at <http://www.isealalliance.org/>).
- ISRIC (International Soil Reference and Information Centre).** 2007. Soil Degradation in South and Southeast Asia (ASSOD) database (available at <http://www.isric.org/UK/About+ISRIC/Projects/Track+Record/ASSOD.htm>).
- Jarvis, D.I., Padoch, C. & Cooper, D., eds.** 2007. *Managing biodiversity in agricultural ecosystems*. New York, USA, Columbia University Press.
- Johansson, P.** 1990. Valuing environmental damage. *Oxford Review on Economic Policy*, 6(1): 34–50.
- Jürgens, I., Schlamadinger, B. & Gomez, P.** 2006. Bioenergy and the CDM in the emerging market for carbon credits. *Mitigation and Adaptation Strategies for Global Change* 6, 11(5–6): 1051–1081.
- Kaltschmitt, M. & Hartmann, H., eds.** 2001. *Energie aus Biomasse. Grundlagen, Techniken und Verfahren*. Berlin and Heidelberg, Germany, Springer.
- Kerr, J.** 2002. Sharing the benefits of watershed management in Sukhomajri, India. In S. Pagiola, J. Bishop & N. Landell-Mills. *Selling forest environmental services: market-based mechanisms for conservation and development*. London, Earthscan.
- Kerr, S., Hendy, J., Liu, S. & Pfaff, A.S.P.** 2004. *Uncertainty and carbon policy integrity*. Motu Working Paper 04-03. Wellington, Motu Economic and Public Policy Research.
- Kirwan, B., Lubowski, R.N. & Roberts, M.** 2005. How cost-effective are land retirement auctions? Estimating the difference between payments and willingness to accept in the Conservation Reserve Program. *American Journal of Agricultural Economics*, 87(5): 1239–1247.
- Kumari, K.** 1995. *An environmental and economic assessment of forest management options: A case study in Malaysia*. Environment Department Paper No. 026. Washington, DC, World Bank.
- Lal, R.** 2000. World cropland soils as a source or sink for atmospheric carbon. In D. Sparks, ed. *Advances in agronomy*, Vol. 71, pp. 145–191. San Diego, CA, USA, Academic Press.
- Lal, R., Kimble, J.M., Follett, R.F. & Cole, C.V.** 1998. *The potential of U.S. cropland to sequester carbon and mitigate the greenhouse effect*. Boca Raton, FL, USA, CRC Press.
- Landell-Mills, N. & Porras, I.T.** 2002. *Silver bullet or fools' gold? A global review of markets for forest environmental services and their impact on the poor*. Instruments for Sustainable Private Sector Forestry Series. London, International Institute for Environment and Development.
- Lasse, R.** 2002. Soil carbon sequestration and the CDM: opportunities and challenges for Africa. *Climatic Change*, 54(4): 471–495.
- LEAD (Livestock, Environment and Development).** 2007. Virtual Centre and Development Web site (available at <http://www.virtualcentre.org/en/frame.htm>).
- Leimona, B.** 2007. *Conservation auctions for capturing willingness to accept of farmers in joining conservation programs in Sumberjaya (Lampung, Indonesia)*. Presentation given at the Scientific Conference of the Global Event on Payments/Rewards for Environmental Services. Lombok, Indonesia, 22–27 January 2007.
- Lewandrowski, J., Peters, M., Jones, C., House, R., Sperow, M., Eve, M. & Paustian, K.** 2004. *Economics of sequestering carbon in the U.S. agricultural sector*. ERS Technical Bulletin No. 1909. Washington, DC, Economic

- Research Service, United States Department of Agriculture.
- Lichtenberg, E. & Zimmerman, R.** 1999. Information and farmers' attitudes about pesticides, water quality, and related environmental effects. *Agriculture, Ecosystems & Environment*, 73(3): 227–236.
- Lipper, L.** 2001. Dirt poor: poverty, farmers and soil resource investment. In FAO. *Two essays on socio-economic aspects of soil degradation*, by L. Lipper and D. Osgood. FAO Economic and Social Development Paper No. 149. Rome.
- Lipper, L., Pingali, P. & Zurek, M.** Forthcoming. Less-favoured areas: looking beyond agriculture towards ecosystem services. In R. Ruben, J. Pender & A. Kuyvenhoven, eds. *Sustainable poverty reduction in less-favoured areas*. Wallingford, UK, CABI.
- Longley, C., Mango, N., Nindo, W. & Mango, C.** 2005. Conservation by committee: social impacts of the catchment approach in Western Kenya. In R. Tripp, ed. *Self-sufficient agriculture: labour and knowledge in small-scale farming*, Chapter 6, pp. 125–160. London, Earthscan.
- Margat, J.** 1990. *Les eaux souterraines dans le monde*. Orléans, France, Département eau, Bureau de recherches géologiques et minières (BRGM).
- Markandya, A., Harou, P., Bellù, L.G. & Cistulli, V.** 2002. *Environmental economics for sustainable growth. A handbook for practitioners*. Cheltenham, UK, Edward Elgar Publishing.
- May, P.H., Boyd, E., Veiga, F. & Chang, M.** 2004. *Local sustainable development effects of forest carbon projects in Brazil and Bolivia: a view from the field*. London, International Institute for Environment and Development.
- McNeely, J. & Scherr, S.** 2002. *Ecoagriculture: strategies to feed the world and save wild biodiversity*. Washington, DC, Island Press.
- Millennium Ecosystem Assessment.** 2003. *Ecosystems and human well-being: a framework for assessment*. Washington, DC, Island Press.
- Millennium Ecosystem Assessment.** 2005a. *Ecosystems and human well-being: synthesis*. Washington, DC, Island Press.
- Millennium Ecosystem Assessment.** 2005b. *Ecosystems and human well-being: current state and trends*. Millennium Ecosystem Assessment Series Vol. 1, edited by R. Hassan, R. Scholes & N. Ash. Washington, DC, Island Press.
- Minten, B., Randrianarison, L. & Swinnen, J.F.M.** 2007. Global supply chains, poverty and the environment: evidence from Madagascar. In J.F.M. Swinnen, ed. *Global supply chains, standards and the poor: how the globalization of food systems and standards affects rural development and poverty*, pp. 147–158. Wallingford, UK, CABI.
- Munasinghe, M. & Lutz, E.** 1993. Environmental economics and valuation in development decision-making. In M. Munasinghe, ed. *Environmental economics and natural resource management in developing countries*, pp. 17–71. Washington DC, World Bank for the Committee of International Development Institutions on the Environment (CIDIE).
- Muñoz-Piña, C., Guevara, A., Torres, J.M. & Braña, J.** 2005. *Paying for the hydrological services of Mexico's forests: analysis, negotiations and results*. INE Working Papers. Mexico City, Instituto Nacional de Ecología (INE).
- Murgueitio, R.E.** 1999. *Sistemas Agroforestales para la Producción Ganadera en Colombia*. Paper presented at the Seminario Intensificación de la Ganadería en Centroamérica: Beneficios Económicos y Ambientales, 24–26 May 1999, Turrialba, Costa Rica.
- Naylor, R., Steinfeld, H., Falcon, W., Galloway, J., Smil, V., Bradford, E., Alder, J. & Mooney, H.** 2005. Losing the links between livestock and land. *Science*, 310: 1621–1622.
- Nickerson, C.J. & Hellerstein, D.** 2003. Rural amenities: a key reason for farmland protection. *Amber Waves*, 1(1): 8. Washington, DC, Economic Research Service, United States Department of Agriculture.
- Niles, J.O., Brown, S., Pretty, J., Ball, A.S. & Fay, J.** 2002. Potential carbon mitigation and income in developing countries from changes in use and management of agricultural and forest lands. *Philosophical Transactions of The Royal Society Series A*, 360(1797): 1621–1639.
- Norton, N., Phipps, T. & Fletcher, J.** 1994. Role of voluntary programs in agricultural nonpoint pollution policy. *Contemporary Economic Policy*, 12: 113–121.
- OECD (Organisation for Economic Co-operation and Development).** 1998. *Improving the environment through reducing subsidies. Part I: summary and conclusions*. Paris.
- OECD/IEA (Organisation for Economic Co-operation and Development/International Energy Agency).** 2007. *Renewables in global energy supply*. An IEA Fact Sheet. Paris.
- Orlando, B., Baldock, D., Canger, S., Mackensen, J., Maginnis, S., Socorro, M., Rietbergen, S., Robledo, C. & Schneider, N.** 2002. *Carbon, forests and people: towards the integrated*

- management of carbon sequestration, the environment and sustainable livelihoods*. Gland, Switzerland and Cambridge, UK, The World Conservation Union (IUCN).
- Ortiz, E., Sage, L. & Borge, C.** 2003. *Impacto del Programa de Pago de Servicios Ambientales en Costa Rica como medio de reducción de la pobreza en los medios rurales*. San José, Unidad Regional de Asistencia Técnica (RUTA).
- Pagiola, S.** 2002. Paying for water services in Central America: learning from Costa Rica. In S. Pagiola, J. Bishop & N. Landell-Mills, eds. *Selling forest environmental services: market-based mechanisms for conservation and development*, pp. 37–62. London, Earthscan.
- Pagiola, S.** 2006. *Payments for environmental services in Costa Rica*. Revised version of a paper presented at the ZEF/CIFOR Workshop on Payments for Environmental Services: Methods and Design in Developing and Developed Countries, Titisee, Germany, 15–18 June 2005.
- Pagiola, S. & Platias, G.** 2007. *Payments for environmental services: from theory to practice*. Washington, DC, World Bank.
- Pagiola, S. & Ruthenberg, I.M.** 2002. Selling biodiversity in a coffee cup: shade-grown coffee and conservation in Mesoamerica. In S. Pagiola, J. Bishop & N. Landell-Mills, eds. *Selling forest environmental services: market-based mechanisms for conservation and development*, pp. 103–126. London, Earthscan.
- Pagiola, S., Arcenas, A. & Platias, G.** 2005. Can payments for environmental services help reduce poverty? An exploration of the issues and the evidence to date from Latin America. *World Development*, 33(2): 237–253.
- Pagiola, S., Bishop, J. & Landell-Mills, N.**, eds. 2002. *Selling forest environmental services: market-based mechanisms for conservation and development*. London, Earthscan.
- Pagiola, S., Rios, A.R. & Arcenas, A.** Forthcoming. *Can the poor participate in payments for environmental services? Lessons from the silvopastoral project in Nicaragua*. Paper prepared for submission to Special Issue of Environment and Development Economics on "Payment for Environmental Services and Poverty", edited by D. Zilberman & E. Bulte.
- Pagiola, S., Agostini, P., Gobbi, J., de Haan, C., Ibrahim, M., Murgueitio, E., Ramírez, E., Rosales, M. & Ruíz, J.P.** 2004. *Paying for biodiversity conservation services in agricultural landscapes*. Environment Department Paper No. 96, Environmental Economics Series. Washington, DC, World Bank.
- Pagiola, S., Ramírez, E., Gobbi, J., Haan, C.D., Ibrahim, M., Murgueitio, E. & Ruíz, J.P.** 2007. Paying for the environmental services of silvopastoral practices in Nicaragua. *Ecological Economics*. (in press)
- Palm, C.A., van Noordwijk, M., Woomer, P.L., Arevalo, L., Castilla, C., Cordeiro, D.G., Hairiah, K., Kotto-Same, J., Moukam, A., Parton, W.J., Riese, A., Rodrigues, V. & Sitompul, S.M.** 2005. Carbon losses and sequestration following land use change in the humid tropics. In C.A. Palm, S.A. Vosti, P.A. Sanchez & P.J. Ericksen, eds. *Slash and burn: the search for alternatives*, pp. 41–63. New York, USA, Columbia University Press.
- Parry, M.L., Rosenzweig, C. & Livermore, M.** 2005. Climate change, global food supply and risk of hunger. *Philosophical Transactions of the Royal Society B*, 360: 2125–2138.
- Parry, M.L., Rosenzweig, C., Iglesias, A., Livermore, M. & Fischer, G.** 2004. Effects of climate change on global food production under SRES emissions and socio-economic scenarios. *Global Environmental Change*, 14(1): 53–67.
- Pattanayak, S.K., Mercer, D.E., Sills, E. & Yang, J.-C.** 2003. Taking stock of agroforestry adoption studies. *Agroforestry Systems*, 57(3): 173–186.
- Paustian, K., Antle, J.M., Sheehan, J. & Paul, E.A.** 2006. *Agriculture's role in greenhouse gas mitigation*. Pew Center Solutions Report. Arlington, VA, USA, Pew Center on Global Climate Change.
- Pearce, D.W.** 1993. *Economic values and the natural world*. Cambridge, MA, USA, The MIT Press.
- Pearce, D.W. & Turner, R.K.** 1990. *Economics of natural resources and the environment*. Baltimore, MD, USA, The Johns Hopkins University Press.
- Perrot-Maitre, D.** 2006. *The Vittel payments for ecosystem services: a "perfect" PES case?* London, International Institute for Environment and Development.
- Perrot-Maitre, D. & Davis, P.** 2001. *Case studies of markets and innovative financial mechanisms for water services from forests*. Washington, DC, Forest Trends.
- Pfaff, A., Robalino, J.A. & Sanchez-Azofeifa, G.A.** 2006. *Payments for environmental services: empirical analysis for Costa Rica*. New York, USA, Columbia University.
- Pfaff, A., Kerr, S., Hughes, F., Liu, S., Sanchez-Azofeifa, G.A., Schimel, D., Tosi, J. & Watson, V.** 2000. The Kyoto Protocol and payments for tropical forest: an interdisciplinary method for

- estimating carbon-offset supply and increasing the feasibility of a carbon market under the CDM. *Ecological Economics*, 35(3): 203–221.
- Pfaff, A., Kerr, S., Lipper, L., Cavatassi, R., Davis, B., Hendy, J. & Sanchez-Azofeifa, G.A.** 2007. Will buying tropical forest carbon benefit the poor? Evidence from Costa Rica. *Land Use Policy*, 24(3): 600–610.
- Pingali, P.** 2007. Westernization of Asian diets and the transformation of food systems: implications for research and policy. *Food Policy*, 32(3): 281–298.
- Pingali, P., Hossain, M., Pandey, S. & Leimar Price, L.** 1998. Economics of nutrient management in Asian rice systems: towards increasing knowledge intensity. *Field Crops Research*, 56(1–2): 157–176.
- Plan Vivo.** 2007. Web site (available at <http://www.planvivo.org/>).
- Poffenberger, M., Ravindranath, N.H., Pandey, D.N., Murthy, I.K., Bist, R. & Jain, D.** 2001. *Communities & climate change: the Clean Development Mechanism and village-based forest restoration in Central India. A case study from Harda Forest Division, Madhya Pradesh, India.* Santa Barbara, CA, USA, Community Forestry International.
- Point Carbon.** 2007. *Carbon 2007 – A new climate for carbon trading*, edited by K. Røine & H. Hasselknippe. Report published at Point Carbon's 4th annual conference, Carbon Market Insights 2007, 13–15 March 2007, Copenhagen (available at http://www.pointcarbon.com/getfile.php/fileelement_105366/Carbon_2007_final.pdf).
- Popkin, B.M.** 2004. The nutrition transition: an overview of world patterns of change. *Nutrition Reviews*, 62(Suppl. 1): 140–143.
- Pretty, J.N., Noble, A.D., Bossio, D., Dixon, J., Hine, R.E., Penning de Vries, F.W.T. & Morison, J.T.L.** 2006. Resource-conserving agriculture increases yields in developing countries. *Environmental Science and Technology*, 40(4): 1114–1119.
- Price, L.** 2001. Demystifying farmers' entomological and pest management knowledge: a methodology for assessing the impacts on knowledge from IPM-FFS and NES interventions. *Agriculture and Human Values*, 18(2): 153–176.
- Rasmussen, P.E., Albrecht, S.L. & Smiley, R.W.** 1998. Soil C and N changes under tillage and cropping systems in semi-arid Pacific Northwest agriculture. *Soil & Tillage Research*, 47(3–4): 197–205.
- Regouin, E.** 2003. To convert or not to convert to organic farming. In *Organic agriculture – Sustainability, markets and policies. Proceedings of an OECD workshop, September 2002, Washington, DC*, pp. 227–235. Paris, OECD and Wallingford, UK, CABI.
- Ribaud, M.** 2006. Federal laws protecting environmental quality. In K. Wiebe & N. Gollehon, eds. *Agricultural resources and environmental indicators*, 2006 edition. Chapter 5.7, pp. 222–227. Economic Information Bulletin No. (EIB-16). Washington, DC, Economic Research Service, United States Department of Agriculture (also available at http://www.ers.usda.gov/publications/arei/eib16/eib16_5-7.pdf).
- Roberts, M. & Bucholtz, S.** 2006. Slippage in the Conservation Reserve Program or spurious correlation? A rejoinder. *American Journal of Agricultural Economics*, 88(2): 512–514.
- Robertson, N. & Wunder, S.** 2005. *Fresh tracks in the forest: assessing incipient payments for environmental services initiatives in Bolivia.* Bogor, Indonesia, Center for International Forestry Research.
- Rosa, R., Kandel, S., Dimas, L., Cuéllar, N. & Méndez, E.** 2003. *Compensation for environmental services and rural communities. Lessons from the Americas and key issues for strengthening community strategies.* San Salvador, Programa Salvadoreño de Investigación sobre Desarrollo y Medio Ambiente (PRISMA).
- Rosenzweig, M.R. & Binswanger, H.P.** 1993. Wealth, weather risk and the composition and profitability of agricultural investments. *The Economic Journal*, 103(416): 56–78.
- Sa, J.C., Cerri, C.C., Dick, W.A., Lal, R., Venske Filho, S.P., Piccolo, M.C. & Feigl, B.E.** 2001. Organic matter dynamics and carbon sequestration rates for a tillage chronosequence in a Brazilian oxisol. *Soil Science Society of America Journal*, 65: 1486–1499.
- Sadoulet, E. & de Janvry, A.** 1995. *Household behavior under risk with subsistence food production*, Berkeley, CA, USA, University of California (mimeo).
- Sandor, R.** 2000. CDM – simplicity is key. *Environmental Finance*, 1(2): 11.
- Saturnio, H.M. & Landers, J.N., eds.** 1997. *O meio ambiente e o plantio direto.* Goiânia, Brazil, Associação de Plantio Direto do Cerrado (APDC).
- Scherr, S., White, A. & Kaimowitz, D.** 2002. *Making markets work for forest communities. Policy brief.* Washington, DC, Forest Trends and Bogor, Indonesia, Center for International Forestry Research.
- Scherr, S., White, A. & Khare, A.** (with contributions from M. Inbar and A. Molar).

2004. *For services rendered – The current status and future potential of markets for the ecosystem services provided by tropical forests*. ITTO Technical Series No. 21. Yokohama, Japan, International Tropical Timber Organization.
- Schroth, G., Da Fonseca, G.A.B., Harvey, C.A., Gascon, C., Vasconcelos, H.L. & Izac, A-M.N.** 2004. *Agroforestry and biodiversity conservation in tropical landscapes*. Washington, DC, Island Press.
- Searle, R., Colby, S. & Milway, K.S.** 2004. *Moving eco-certification mainstream*. Boston, MA, USA and San Francisco, CA, USA, The Bridgespan Group.
- Sengupta, S., Mitra, K., Saigal, S., Gupta, R., Tiwari, S. & Peters, N.** 2003. *Developing markets for watershed protection services and improved livelihoods in India*. New Delhi, Winrock International and London, International Institute for Environment and Development. (unpublished draft)
- Shiklomanov, I.A. & Rodda, J.A., eds.** 2003. *World water resources at the beginning of the twenty-first century*. Cambridge, UK, Cambridge University Press.
- Smit, A., Driessen, P. & Glasbergen, P.** Forthcoming. Constraints on the conversion to sustainable production: the case of the Dutch potato chain. *Business Strategy and the Environment*.
- Smith, J. & Scherr, S.** 2002. *Forest carbon and local livelihoods: assessment of opportunities and policy recommendations*. CIFOR Occasional Paper 37. Bogor, Indonesia, Center for International Forestry Research.
- Stern, N.** 2007. *The economics of climate change: The Stern Review*. Cambridge, UK, Cambridge University Press.
- Sullivan, P., Hellerstein, D., Hansen, L., Johansson, R., Koenig, S., Lubowski, R., McBride, W., McGranahan, D., Roberts, M., Vogel, S. & Bucholtz, S.** 2004. *The Conservation Reserve Program: economic implications for rural America*. Agricultural Economic Report No. AER834. Washington, DC, Economic Research Service, United States Department of Agriculture.
- Sunding, D. & Zilberman, D.** 2001. The agricultural innovation process: research and technology adoption in a changing agricultural sector. In B.L. Gardner & G.C. Rausser, eds. *Handbook of agricultural economics. Part 1A. Agricultural production*, Chapter 4, pp. 207–261. Amsterdam, North-Holland Publishing.
- Swallow, B., Meinzen-Dick, R. & van Noordwijk, M.** 2005. *Localizing demand and supply of environmental services: interactions with property rights, collective action and the welfare of the poor*. CGIAR Systemwide Program on Collective Action and Property Rights (CAPRI) Working Paper No. 42. Washington, DC, International Food Policy Research Institute and World Agroforestry Centre.
- Swallow, B.M., Kallesoe, M., Iftikhar, U., van Noordwijk, M., Bracer, C., Scherr, S., Raju, K., Poats, S., Duraiappah, A., Ochieng, B., Mallee, H. & Rumley, R.** 2007a. *Compensation and rewards for environmental services in the developing world: framing pan-tropical analysis and comparison*. ICRAF Working Paper No. 32. Nairobi, World Agroforestry Centre.
- Swallow, B.M., Leimona, B., Yatich, T., Velarde, S.J. & Puttaswamaiah, S.** 2007b. *The conditions for effective mechanisms of compensation and rewards for environmental services*. CES Scoping Study Issue Paper No. 3. ICRAF Working Paper No. 38. Nairobi, World Agroforestry Centre.
- Tattenbach, F., Obando, G. & Rodríguez, J.** 2006. *Mejora del excedente nacional del Pago de Servicios Ambientales*. San José, Fondo Nacional de Financiamiento Forestal (FONAFIFO).
- Teixeira, G.** 2006. *Many paths, no destination for Brazil's tourist industry*. News article, Ecosystem Marketplace Web site, 29 September (available at http://ecosystemmarketplace.com/pages/article.news.php?component_id=4572&component_version_id=6793&language_id=12).
- ten Kate, K., Bishop, J. & Bayon, R.** 2004. *Biodiversity offsets: views, experience, and the business case*. Glad, Switzerland and Cambridge, UK, The World Conservation Union and London, Insight Investment.
- Thacher, T.A., Lee, D.R. & Schelhas, J.** 1996. Farmer participation in government sponsored reforestation incentive programs in Costa Rica. *Agroforestry Systems*, 35(3): 269–289.
- Tilman, D., Cassman, K.G., Matson, P.A., Naylor, R. & Polasky, S.** 2002. Agricultural sustainability and intensive production practices. *Nature*, 418: 671–677.
- Tipper, R.** 2002. Helping indigenous farmers participate in the international market for carbon services: the case of Scolel Té. In S. Pagiola, J. Bishop & N. Landell-Mills, eds. *Selling forest environmental services: market-based mechanisms for conservation and development*, pp. 223–234. London, Earthscan.
- Tomich, T.P., Cattaneo, A., Chater, S., Geist, H.J., Gockowski, J., Kaimowitz, D., Lambin, E., Lewis, J., Ndoye, O., Palm, C., Stolle, F., Sunderlin,**

- W.D., Valentim, J.F., van Noordwijk, M. & Vosti, S.A.** 2005a. Balancing agricultural development and environmental objectives: assessing tradeoffs in the humid tropics *In* C. Palm, S.A. Vosti, P. Sanchez & P.J. Ericksen, eds. *Slash-and-burn agriculture: the search for alternatives*, pp. 415–440. New York, USA, Columbia University Press.
- Tomich, T.P., Palm, C.A., Velarde, S.J., Geist, H., Gillison, A.N., Lebel, L., Locatelli, M., Mala, W., van Noordwijk, M., Sebastian, K., Timmer, D. & White, D.** 2005b. *Forest and agroecosystem tradeoffs in the humid tropics. a crosscutting assessment by the Alternatives to Slash-and-Burn Consortium conducted as a sub-global component of the Millennium Ecosystem Assessment*. Nairobi, ASB.
- Turpie, J. & Blignaut, J.** 2005. *Payments for ecosystem services: towards improved biodiversity conservation and water security in South Africa, a semi-arid, developing country*. Presentation given at the ZEF/CIFOR Workshop on Payments for Environmental Services: Methods and Design in Developing and Developed Countries. 15–18 June 2005, Titisee, Germany (available at http://www.cifor.cgiar.org/pes/publications/pdf_files/PES_SA_Presentation.pdf).
- Uchida, E., Rozelle, S. & Xu, J.** 2007. *Conservation payments, liquidity constraints and off-farm labor: impact of the Grain for Green program on rural households in China*. Palo Alto, CA, USA, Freeman Spogli Institute of International Studies, Stanford University.
- Uchida, E., Xu, J. & Rozelle, S.** 2005. Grain for green: cost-effectiveness and sustainability of China's Conservation Set-aside Program. *Land Economics*, 81(2): 247–264.
- Udry, C.** 1994. Risk and insurance in a rural credit market: an empirical investigation in northern Nigeria. *Review of Economic Studies*, 61(3): 495–526.
- UN.** 2007. *World Population Prospects: the 2006 revision. Highlights*. New York, USA, United Nations.
- UNCTAD (United Nations Conference on Trade and Development).** 2007. *Green Box subsidies: a theoretical and empirical assessment*. New Delhi.
- UN-Energy.** 2007. *Sustainable bioenergy: a framework for decision-makers*. New York, USA.
- UNDP (United Nations Development Programme).** 2005. *Investing in environmental wealth for poverty reduction. Environment for the MDGs*. Prepared on behalf of the Poverty-Environment Partnership by UNDP, UNEP, IIED, IUCN and WRI. New York, USA.
- UNDP.** 2006. *Human Development Report 2006: beyond scarcity: power, poverty and the global water crisis*. New York, USA, Palgrave Macmillan.
- UNECE (United Nations Economic Commission for Europe).** 1995. *State of the art on monitoring and assessment: rivers. UNECE Task Force on Monitoring and Assessment, Draft Report*. Lelystad, Netherlands, Institute for Inland Water Management and Waste Water Treatment (RIZA).
- UNEP (United Nations Environment Programme).** 2005. *Baseline methodologies for Clean Development Mechanism projects – a guidebook*, by R.M. Shrestha, S. Sharma, G.R. Timilsina & S. Kumar, edited by M-K. Lee. The UNEP project CD4CDM. Roskilde, Denmark, UNEP Risø Centre on Energy, Climate and Sustainable Development, Risø National Laboratory.
- UNFCCC (United Nations Framework Convention on Climate Change).** 2007. *Views on the range of topics and other relevant information relating to reducing emissions from deforestation in developing countries: submissions from intergovernmental organizations*. Twenty-sixth session of the Subsidiary Body for Scientific and Technological Advice, 7–18 May 2007. Bonn, Germany.
- UNWTO (World Tourism Organization).** 1998. Ecotourism. *WTO News I*.
- USDA (United States Department of Agriculture).** 2007. *Conservation Reserve Program enrolment statistics and program summary 2006 fiscal year*. Washington, DC, USDA Farm Service Agency.
- van Lynden, G.W.J. & Oldeman, L.R.** 1997. *The assessment of the status of human-induced soil degradation in South and Southeast Asia*. Wageningen, Netherlands, International Soil Reference and Information Centre.
- van Noordwijk, M., Chandler, F.J. & Tomich, T.P.** 2004. *An introduction to the conceptual basis of RUPES: rewarding upland poor for the environmental services they provide*. Bogor, Indonesia, ICRAF-Southeast Asia.
- van Noordwijk, M., Leimona, B., Emerton, L., Tomich, T.P., Velarde, S.J., Kallesoe, M., Sekher, M. & Swallow, B.** 2007. *Criteria and indicators for environmental service compensation and reward mechanisms: realistic, voluntary, conditional and pro-poor*. CES Scoping Study Issue Paper No. 2. ICRAF Working Paper No. 37. Nairobi, World Agroforestry.
- Verchick, R.M.** 2007. Risk, fairness, and the geography of disaster. *Issues in Legal Scholarship*, Catastrophic Risks: Prevention,

- Compensation, and Recovery: Article 6. The Berkeley Electronic Press.
- Vigar, D.** 2006. *Climate change: the role of global companies*. London, Tomorrow's Company.
- Waage, S.** 2005. *Building capacity for institutionalizing ecosystem services in developing countries*. Supplement III – Building national capacity for payments for ecosystem Services. Report to the UNDP/GEF. Washington, DC, Forest Trends.
- Walker, C.** 2007. *Taking stock: assessing ecosystem services conservation in Costa Rica*. News article, Ecosystem Marketplace Web site, 21 May.
- Wassenaar, T., Gerber, P., Verburg, P.H., Rosales, M., Ibrahim, M. & Steinfeld, H.** 2007. Projecting land use changes in the Neotropics: the geography of pasture expansion into forest. *Global Environmental Change*, 17(1): 86–104.
- Weinberg, M. & Claassen, R.** 2005. A multitude of design decisions influence Conservation Program performance, *Amber Waves*, 3(5): 8. Washington, DC, Economic Research Service, United States Department of Agriculture.
- Weitzman, M.L.** 1974. Prices vs. quantities. *The Review of Economic Studies*, 41(4): 477–791.
- Wertz-Kanounnikoff, S.** 2006. *Payments for environmental services – a solution for biodiversity conservation?* Idées pour le débat N° 12. Paris, Institut du développement durable et des relations internationales (IDDRI).
- WHO (World Health Organization).** 2006. *Implementing the global strategy on diet, physical activity and health*. Diet and physical activity: global programming note 2006–2007. Geneva, Switzerland.
- Wiebe, K., Tegene, A. & Kuhn, B.** 1996. Partial interests in land: policy tools for resource use and conservation. Agricultural Economic Report No. AER744. Washington, DC, Economic Research Service, United States Department of Agriculture.
- Wik, M., Pingali, P. & Broca, S.** 2007. *Global agricultural performance: past trends and future prospects*. Background paper for the World Bank's *World Development Report 2008*.
- Wilson, K.A., McBride, M.F., Bode, M. & Possingham, H.P.** 2006. Prioritizing global conservation efforts. *Nature*, 440(7082): 337–340.
- World Bank.** 2003a. *World Development Report 2003. Sustainable development in a dynamic world: transforming institutions, growth, and quality of life*. Washington, DC, World Bank and New York, USA, Oxford University Press.
- World Bank.** 2003b. *Reaching the rural poor: a renewed strategy for rural development*, by Csaba Csaki. Washington, DC.
- World Bank.** 2006. *WDI Online*. World Development Indicators database (available at <http://publications.worldbank.org/WDI/>).
- World Bank.** 2007. *State and Trends of the Carbon Market 2007*. Washington, DC, World Bank in cooperation with the International Emissions Trading Association.
- World Bank/IETA.** 2006. *State and Trends of the Carbon Market 2006*. Washington, DC, World Bank and the International Emissions Trading Association.
- WRI in collaboration with UNDP, UNEP & World Bank.** 2005. *World Resources 2005: the wealth of the poor – managing ecosystems to fight poverty*. Washington, DC, World Resources Institute.
- WWF (World Wide Fund for Nature).** 2007. *Ecoregions*. Web site (available at <http://www.worldwildlife.org/science/ecoregions.cfm>).
- Wunder, S.** 2005. *Payments for environmental services: some nuts and bolts*. Occasional Paper No. 42. Bogor, Indonesia, Center for International Forestry Research.
- Wunder, S.** 2006. Are direct payments for environmental services spelling doom for sustainable forest management in the tropics? *Ecology and Society*, 11(2): 23.
- Wunder, S., The, B.D. & Ibarra, E.** 2005. *Payment is good, control is better. Why payments for forest environmental services in Vietnam have so far remained incipient*. Bogor, Indonesia, Center for International Forestry Research.
- Wünscher, T., Engel, S. & Wunder, S.** 2006. Payments for environmental services in Costa Rica: increasing efficiency through spatial differentiation. *Quarterly Journal of International Agriculture*, 45(4): 317–335.
- Xu, Z., Bennett, M.T., Tao, R. & Xu, J.** 2004. China's Sloping Land Conversion Programme four years on: current situation, pending issues. *International Forestry Review*, 6(3–4): 317–326.
- Zbinden, S. & Lee, D.R.** 2005. Paying for environmental services: an analysis of participation in Costa Rica's PSA Program. *World Development*, 33(2): 255–272.
- Zilberman, D., Lipper, L. & McCarthy, N.** Forthcoming. When could payments for environmental services benefit the poor. *Environment and Development Economics*.

《粮食及农业状况》特别章节

除了对最近的世界粮食及农业状况作例行的回顾以外，本报告自1957年以来在每期中还包括一个或一个以上有关人们长期关心的问题的特别研究。以前各期中特别章节的主题如下：

- | | |
|------|--|
| 1957 | 影响粮食消费趋势的各种因素
影响农业的某些体制因素的战后变化情况 |
| 1958 | 非洲撒哈拉以南地区的粮食和农业发展情况
森林工业的发展及其对世界森林的影响 |
| 1959 | 各国在各种不同经济发展阶段的农业收入和生活水平
从战后的经验看欠发达国家在农业发展方面的某些遍问题 |
| 1960 | 农业发展规划 |
| 1961 | 土地改革和体制变化
非洲、亚洲和拉丁美洲的农业推广、教育和研究 |
| 1962 | 森林工业在解决经济欠发达问题中的作用
欠发达国家的畜牧业 |
| 1963 | 影响提高农业生产率的各种基本因素
肥料使用：农业发展的先锋 |
| 1964 | 蛋白质营养：需要和前景
化学合成物及其对农产品贸易的影响 |
| 1966 | 农业和工业化
世界粮食经济中的大米 |
| 1967 | 对发展中国家农民的鼓励因素和抑制因素
渔业资源的管理 |
| 1968 | 发展中国家通过技术改良提高农业生产率
改善储存及其对世界粮食供应的贡献 |
| 1969 | 农业销售改进计划：从最近的经验中取得的一些教训
为促进林业发展而使机构体制现代化 |
| 1970 | 第二个发展十年开始时的农业 |
| 1971 | 水污染及其对水生资源和渔业的影响 |
| 1972 | 促进发展的教育和培训
加快发展中国家的农业研究 |
| 1973 | 发展中国家农业方面的就业情况 |
| 1974 | 人口、粮食供应和农业发展 |
| 1975 | 联合国第二个发展十年：中期回顾和评价 |
| 1976 | 能源和农业 |
| 1977 | 自然资源状况和人类粮食及农业环境 |
| 1978 | 发展中地区的问题和战略 |

- 1979 林业和乡村发展
- 1980 实行管辖后新时代的海洋渔业
- 1981 发展中国家的乡村贫困和减轻贫困的方法
- 1982 畜牧生产：世界前景
- 1983 妇女在农业发展中的作用
- 1984 城市化、农业和粮食系统
- 1985 能源在农业生产中的利用
粮食和农业中的环境趋势
农产品销售和农业发展
- 1986 为农业发展提供资金
- 1987-88 年发展中国家农业科学技术重点的转移
- 1989 可持续发展与自然资源管理
- 1990 结构调整与农业
- 1991 农业政策和问题：80年代的教训和90年代的前景
- 1992 海洋渔业和海洋法：变革的十年
- 1993 水资源政策和农业
- 1994 林业发展和政策难题
- 1995 农产品贸易：进入一个新时代？
- 1996 粮食安全：宏观经济方面的一些问题
- 1997 农产品加工业与经济发展
- 1998 发展中国家的农村非农业收入
- 2000 世界粮食和农业：过去50年的教训
- 2001 跨界植物虫害和动物疾病的经济影响
- 2002 地球首脑会议十年之后的农业与全球公共利益
- 2003-04 农业生物技术：是否满足贫困人口的需要？
- 2005 农业贸易与贫困：贸易能为穷人服务吗？
- 2006 粮食援助促进粮食安全？

粮农组织农业发展经济司的 若干出版物

(更多的信息参见: www.fao.org/es/esa。本组织人员以黑体显示。)

BOOKS, MONOGRAPHS AND BOOK CHAPTERS

Anderson, C.L. & **Stamoulis, K.** 2007. Applying behavioural economics to international development policy. In G. Mavrotas & A. Shorrocks, eds. *Advancing development: core themes in global economics*. Basingstoke, UK, Palgrave MacMillan and UNU-WIDER.

Anríquez, G. 2006. Corrupción y gasto público rural en América Latina: el impacto en el desarrollo rural. In FAO. *Políticas públicas y desarrollo rural en América Latina y el Caribe: el papel del gasto público*, edited by F. Soto Vaquero, J. Santos Rocha & J. Ortega. Santiago.

Evenson, R. & **Pingali, P.**, eds. 2007. *Handbook of agricultural economics*, Vol. IIIA. Amsterdam, Elsevier Press.

Evenson, R. & **Raney, T.**, eds. 2007. *The political economy of GM foods*, Critical Writings in Agricultural Economics. Cheltenham, UK and Northampton, MA, USA, Edward Elgar.

Flores, M. 2007. Responding to food insecurity: could we have done it better? In Pain & Sutton, 2007, pp. 283–295.

Guha-Khasnobis, B., Acharya, S. & **Davis, B.**, eds. 2007a. *Food security indicators, measurement, and the impact of trade openness*. Oxford, UK, Oxford University Press. (in press)

Guha-Khasnobis, B., Acharya, S. & **Davis, B.**, eds. 2007b. *Food insecurity, vulnerability and human rights failure*. Basingstoke, UK, Palgrave MacMillan. (in press)

Lovendal, C. & Knowles, M. 2007. Tomorrow's hunger: a framework for understanding tomorrow's hunger. In Guha-Khasnobis, Acharya & **Davis**, 2007a.

Mechlem, K. & **Raney, T.** 2007. Agricultural biotechnology and the right to food. In F. Francioni, ed. *Biotechnologies and international human rights*. Studies in International Law. Oxford, UK, Hart Publishing.

Migotto, M., **Davis, B.**, Carletto, C. & Beegle, K. 2007. Measuring food security using respondents' perception of food consumption adequacy. In Guha-Khasnobis, Acharya & **Davis**, 2007a.

Pain, A. & **Sutton, J.**, eds. 2007. *Reconstructing agriculture in Afghanistan*, with Foreword by **P. Pingali**. Rugby, UK, FAO and Practical Action Publishing.

Pingali, P., Kwaja, Y. & Meijer, M. 2007. The role of the public and private sectors in commercializing small farms and reducing transaction costs. In J.F.M. Swinnen, ed. *Global supply chains, standards and the poor: how the globalization of systems and standards affects rural development and poverty*. Wallingford, UK, CAB International.

Pingali, P. & Raney, T. 2007. Asian agricultural development: from the green revolution to the gene revolution. In A. Baliscan, and N. Fuwa, eds. *Reasserting the rural development agenda: lessons learned and emerging challenges in Asia*. Singapore, Institute of Southeast Asian Studies and Los Baños, Philippines, Southeast Asian Regional Center for Graduate Study and Research in Agriculture.

Tefft, J., McGuire, M. & Maunder, N. 2006. *Planning for the future: an assessment of food security early warning systems in sub-Saharan Africa. Synthesis report*. Rome, FAO.

Zeza, A. & Migotto, M. 2007. Towards a framework for agricultural development and food security in Afghanistan. In Pain & Sutton, 2007, pp. 251–281.

JOURNAL ARTICLES

Anríquez, G. & Valdés, A. 2006. Determinants of farm revenue in Pakistan. *The Pakistan Development Review*, 45(2): 281–301.

Anríquez, G. & López, R. 2007. The effect of agricultural growth on poverty in an archetypical middle income country: Chile in the 1990s. *Agricultural Economics*, 36(2): 191–202.

Azzarri, C., Carletto, G., Davis, B., Stampini, M. & Zeza, A. 2006. Monitoring poverty without consumption data: an application using the Albania Panel Survey. *Eastern European Economics*, 44(1): 59–82.

Carletto, G., & Zeza, A. 2006. Being poor, feeling poorer: combining objective and subjective measures of welfare in Albania. *Journal of Development Studies*, 42(5): 739–760.

Carletto, G., Davis, B., Stampini, M. & Zeza, A. 2006. Internal mobility and international migration in Albania. *International Migration Review*, 40(4): 767–785.

Croppenstedt, A. 2006. Household income structure and determinants in rural Egypt. *Egyptian Journal of Agricultural Economics*, 16(3): 1–18.

Lopriore, C., Dop, M.-C., Solal-Céligny, A. & Lagnado, G. 2007. Excluding infants under 6 months of age from surveys: impact on prevalence of pre-school undernutrition. *Public Health Nutrition*, 10(1): 79–87.

López, R., Anríquez, G. & Gulati, S. 2007. Structural change and sustainable development. *Journal of Environmental Economics and Management*, 53(3): 307–322.

McGregor, J., McKay, A. & Velazco, J. 2007. Needs and resources in the investigation of well-being in developing countries: illustrative evidence from Bangladesh and Peru. *Journal of Economic Methodology*, 14(1): 107–131.

Pfaff, A., Kerr, S., Lipper, L., Cavatassi, R., Davis, B., Hendy, J. & Sanchez, A. 2007. Will buying tropical forest carbon benefit the poor? Evidence from Costa Rica. *Land Use Policy*, 24(3): 600–610.

Pingali, P. 2007. Westernization of Asian diets and the transformation of food systems: Implications for research and policy. *Food Policy*, 32(3): 281–298.

Raney, T. & Pingali, P. 2007. Sowing a gene revolution. *Scientific American*, 29(3): 104–111.

Schipull, P., Dawe, D., Villate, E., De Sagun, M., Valencia, S. & Lopez, O. Forthcoming. Iron supplementation compliance among pregnant women in Bicol, Philippines. *Public Health Nutrition*. doi:10.1017/S1368980007000237.

Schmidhuber, J. & Tubiello, F. Forthcoming. Global food security under climate change. *Proceedings of the National Academy of Sciences*.

Stampini, M., Davis, B. & Carletto, G. Forthcoming. International migration from Albania: the role of family networks and previous experience. *Eastern European Economics*.

Timmer, C.P. & Dawe, D. 2007. Managing food price instability in Asia: a macro food security perspective. *Asian Economic Journal*, 21(1): 1–18.

Velazco, J., Young, T. & Colman, D. 2006. Non-farm rural activities in a peasant economy: the case of North Peruvian Sierra. *Journal of International Development*, 18(2): 207–221.

JOURNAL

e-JADE: The Electronic Journal of Agricultural and Development Economics

Vol. 3 (2006), Issue 2 (available at www.fao.org/es/esa/en/ejade.htm)

Food security analysis and policies for transition countries
(P. Wehrheim & D. Wiesmann)

Institutional changes for agricultural and rural development in the CEEC and CIS region
(U. Koester & B. Brümmer)

Rural non-farm livelihoods in transition economies: emerging issues and policies
(J. Davis)

Property rights, land fragmentation and the emerging structure of agriculture in Central and Eastern European countries
(J. Thomas)

Farm output, non-farm income, and commercialization in rural Georgia
(I. Kan, A. Kimhi & Z. Lerman)

ESA WORKING PAPERS

- 07-22 *Understanding the dynamics of food insecurity and vulnerability in Himachal Pradesh*
(Food Security and Agricultural Projects Analysis Service [ESAF])
- 07-21 *Addressing food insecurity in fragile states: case studies from the Democratic Republic of the Congo, Somalia and Sudan*
(**L. Alinovi, G. Hemrich & L. Russo**)
- 07-20 *Long-term farming trends: an inquiry using agricultural censuses*
(**G. Anríquez & G. Bonomi**)
- 07-19 *Long-term rural demographic trends*
(**G. Anríquez**)
- 07-18 *An assessment of the impact of rice tariff policy in Indonesia: a multi-market model approach*
(Bambang Sayaka, Sumaryanto, **A. Croppenstedt & S. DiGiuseppe**)
- 07-17 *Rural household access to assets and agrarian institutions: a cross country comparison*
(**A. Zezza, P. Winters, B. Davis, G. Carletto, K. Covarrubias, E. Quinones, K. Stamoulis, T. Karfakis, L. Tasciotti, S. DiGiuseppe & G. Bonomi**)
- 07-16 *Rural income generating activities: a cross country comparison*
(**B. Davis, P. Winters, G. Carletto, K. Covarrubias, E. Quinones, A. Zezza, K. Stamoulis, G. Bonomi & S. DiGiuseppe**)
- 07-15 *An assessment of the impact of wheat market liberalization in Egypt: a multi-market model approach*
(G.M. Siam & **A. Croppenstedt**)
- 07-13 *Impacts of international migration and remittances on source country household incomes in small island states: Fiji and Tonga*
(R.P.C. Brown & G. Leeves)
- 07-12 *Action, function, & structure: interpreting network effects on behavior in rural Malawi*
(G. Stecklov & A. Weinreb)
- 07-10 *Does migration make rural households more productive? Evidence from Mexico*
(J.E. Taylor & A. López-Feldman)
- 07-04 *Seasonal migration and agriculture in Viet Nam*
(A. de Brauw)
- 07-03 *Non-traditional exports, traditional constraints: the adoption and diffusion of cash crops among smallholders in Guatemala*
(**C. Carletto, A. Kirk, P. Winters & B. Davis**)
- 07-02 *Rural development and poverty reduction: is agriculture still the key?*
(**G. Anríquez & K. Stamoulis**)
- 07-01 *Governance and rural public expenditures in Latin America: the impact on rural development*
(**G. Anríquez**)
- 06-17 *The role of crop genetic diversity in coping with agricultural production shocks: insights from Eastern Ethiopia*
(**R. Cavatassi, J. Hopkins & L. Lipper**)
- 06-16 *Sowing the seeds of social relations: the role of social capital in crop diversity*
(P. Winters, **R. Cavatassi & L. Lipper**)
- 06-15 *Putting payments for environmental services in the context of economic development*
(D. Zilberman, **L. Lipper & N. McCarthy**)

- 06-14 Assessing the impact of massive out-migration on agriculture
(N. McCarthy, **G. Carletto**, **B. Davis** & **I. Maltsoğlu**)
- 06-13 *Abatement and transaction costs of carbon-sink projects involving smallholders*
(O. Cacho & **L. Lipper**)
- 06-12 *Measuring vulnerability to food insecurity*
(P. Scaramozzino)
- 06-11 *Assessing the impact of food aid on recipient countries: a survey*
(T.O. Awokuse)
- 06-10 *Food aid in response to acute food insecurity*
(C.B. Barrett)
- 06-09 *Food aid as part of a coherent strategy to advance food security objectives*
(C.B. Barrett)
- 06-08 *Less-favoured areas: looking beyond agriculture towards ecosystem services*
(**L. Lipper**, **P. Pingali** & **M. Zurek**)
- 06-07 *The experience of conditional cash transfers in Latin America and the Caribbean*
(S. Handa & **B. Davis**)
- 06-06 *Choosing to migrate or migrating to choose: migration and labour choice in Albania*
(C. Azzarri, **G. Carletto**, **B. Davis** & **A. Zezza**)
- 06-05 *Food aid's intended and unintended consequences*
(C.B. Barrett)
- 06-04 *When are payments for environmental services beneficial to the poor?*
(D. Zilberman, **L. Lipper** & **N. McCarthy**)
- 06-03 *An assessment of the impact of increasing wheat self-sufficiency and promoting cash-transfer subsidies for consumers in Egypt: a multi-market model* (G.M. Siam)
- 06-02 *Household income structure and determinants in rural Egypt*
(**A. Croppenstedt**)
- 06-01 *Eradicating extreme poverty and hunger: towards a coherent policy agenda*
(**P. Pingali**, **K. Stamoulis** & **R. Stringer**)
- 05-06 *Measuring technical efficiency of wheat farmers in Egypt*
(**A. Croppenstedt**)
- 05-05 *Food aid: a primer*
(**S. Lowder** & **T. Raney**)
- 05-04 *Transaction costs, institutions and smallholder market integration: potato producers in Peru*
(**I. Maltsoğlu** & **A. Tanyeri-Abur**)
- 05-03 *Familiar faces, familiar places: the role of family networks and previous experience for Albanian migrants*
(**G. Carletto**, **B. Davis** & M. Stampini)
- 05-02 *Moving away from poverty: a spatial analysis of poverty and migration in Albania*
(**A. Zezza**, **G. Carletto** & B. Davis)
- 05-01 *Monitoring poverty without consumption data: an application using the Albania panel survey*
(C. Azzarri, **G. Carletto**, **B. Davis** & **A. Zezza**)
- 04-22 *Investing in agriculture for growth and food security in the ACP countries*
(**J. Scoet**, **K. Stamoulis** & **A. Deuss**)

- 04-21 *Estimating poverty over time and space: construction of a time-variant poverty index for Costa Rica*
(**R. Cavatassi, B. Davis & L. Lipper**)
- 04-20 *Will buying tropical forest carbon benefit the poor? Evidence from Costa Rica*
(S. Kerr, A. Pfaff, **R. Cavatassi, B. Davis, L. Lipper**, A. Sanchez & J. Hendy)
- 04-19 *Effects of poverty on deforestation: distinguishing behaviour from location*
(S. Kerr, A. Pfaff, **R. Cavatassi, B. Davis, L. Lipper**, A. Sanchez & J. Timmins)
- 04-18 *Understanding vulnerability to food insecurity: lessons from vulnerable livelihood profiling*
(**C. Løvendal, M. Knowles & N. Horii**)
- 04-17 *Westernization of Asian diets and the transformation of food systems: implications for research and policy*
(**P. Pingali**)
- 04-16 *Identifying the factors that influence small-scale farmers' transaction costs in relation to seed acquisition*
(L.B. Badstue)
- 04-15 *Poverty, livestock and household typologies in Nepal*
(**I. Maltoglou & K. Taniguchi**)
- 04-14 *National agricultural biotechnology research capacity in developing countries*
(J. Cohen, J. Komen & J. Falck Zepeda)
- 04-13 *Internal mobility and international migration in Albania*
(**G. Carletto, B. Davis, M. Stampini, S. Trento & A. Zezza**)
- 04-12 *Being poor, feeling poorer: combining objective and subjective measures of welfare in Albania*
(**G. Carletto & A. Zezza**)
- 04-11 *Food insecurity and vulnerability in Viet Nam: profiles of four vulnerable groups*
(FAO Food Security & Agricultural Projects Analysis Service)
- 04-10 *Food insecurity and vulnerability in Nepal: profiles of seven vulnerable groups*
(FAO Food Security and Agricultural Projects Analysis Service)
- 04-09 *Public attitudes towards agricultural biotechnology*
(T. J. Hoban)
- 04-08 *The economic impacts of biotechnology-based technological innovations*
(G. Traxler)
- 04-07 *Private research and public goods: implications of biotechnology for biodiversity*
(**T. Raney & P. Pingali**)
- 04-06 *Interactions between the agricultural sector and the HIV/AIDS pandemic: implications for agricultural policy*
(T. S. Jayne, M. Villarreal, **P. Pingali & G. Hemrich**)
- 04-05 *Globalization of Indian diets and the transformation of food supply systems*
(**P. Pingali & Y. Khwaja**)
- 04-04 *Agricultural policy indicators*
(T. Josling & A. Valdés)
- 04-03 *Resource abundance, poverty and development*
(E.H. Bulte, R. Damania & R.T. Deacon)
- 04-02 *Conflicts, rural development and food security in West Africa*
(**M. Flores**)
- 04-01 *Valuation methods for environmental benefits in forestry and watershed investment projects*
(**R. Cavatassi**)

粮食及 农业状况

2007

《2007年粮食及农业状况》探索了在进行粮食和纤维生产的同时如何发挥农业提供更多环境服务的潜力。本报告的结论是，对农业提供环境服务的需求——包括减缓气候变化、改进流域管理和保护生物多样性——将在未来增加；但如果农业要满足这种需求，就需要给农民更多的激励。作为可行的政策手段之一，对农民提供的环境服务支付就是一种切实加强激励农民的灵活方法，从而使他们维护和改善我们赖以生存的生态系统。然而，要使这种方法的潜力得到释放，就必须克服挑战，在发展中国家尤为如此。为奠定这种支付的基础，需要在国际和国家级做出政策努力。在设计成本效益型的计划时，需要对特定的生物物理和社会经济情况予以审慎分析，也需要考虑这种计划可能对贫困产生的影响。本报告试图通过阐述落实这一方法时需要面临的高挑战来帮助实现其潜力。

本期附一张《2005-2006年粮食权统计年鉴》第2/1卷微型光盘，其包含阿拉伯文、中文、英文、法文和西班牙文的200个国家的时序列资料。

ISSN 1546-5923/07/0000-0000-0000



0 47825 501700 0

TC.FA1/09CN/150.07/00