

IAI/INPE Summer Institute on Land Cover and Land Use Changes in the Amazonian Region: Patterns, Processes and Plausible Scenarios

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Instituto de Verano del IAI sobre cambios en el uso y cobertura de la tierra en la región amazónica: patrones, procesos y escenarios posibles

INPE/CPTEC in Cachoeira Paulista, Brazil, October 12-24, 2003

Suggested readings // Lecturas sugeridas:

- Cadeia produtiva de gado de corte e *pecuarização* da Agricultura Familiar na Transamazônica - René Pocard Chapuis, Jean-François Tourrand, Marie-Gabrielle Piketty, Jonas Bastos da Veiga (Publicado como Boletim de Pesquisa, Embrapa Amazônia Oriental, documentos, 106, Belem, Junho 2001, 42 p.)
- A cadeia produtiva do leite: uma alternativa para consolidar a agricultura familiar nas frentes pioneiras da Amazônia? - René Pocard-Chapuis, Jonas Bastos da Veiga, Marie-Gabrielle Piketty, Cristóvão Morelly Kaneyoshi Hashiguti de Freitas, Jean-François Tourrand (Publicado como Boletim de Pesquisa, Embrapa Amazônia Oriental, Documentos nº114, Belém, agosto 2001, 33 p.)
- The Brazilian cattle sector: Status, prospects and controversies - Merle D. Faminow (Canadian Journal of Agricultural Economics 45, Invited paper, 1997)
- Spatial economics of local demand for cattle products in Amazon development - Merle D. Faminow (Agriculture Ecosystem & Environment 62, Elsevier Science, 1997)
- Farm level trade-offs of intensifying tropical milk production – Katherine Griffith, Lydia Zepeda (Ecological Economics 9, Elsevier Science, 1993)
- Environment, development and politics: Capital accumulation and the Livestock sector in Easter Amazonia – Susanna B. Hecht (World Development, Vol. 13, No.6, pp.663-684, Great Britain, 1985)
- Session on Production and Marketing Chains in the Amazon - Marie Gabrielle Piketty (2004)
- Crossing spatial analyses and livestock economics to understand deforestation processes in the Brazilian Amazon: The case of São Felix do Xingú in South Pará – B. Mertens, R. Pocard-Chapuis, M.-G. Piketty, A.-E. Lacques, A. Venturieri (Agricultural Economics 27, Elsevier Science, 2002)

- Tendências económicas da Indústria Madeireira no Estado do Pará – Steven W. Stone (Série Amazônia 17, Imazon, 2000)
- The tragedy of the commons – Garrett Hardin (*Science*, New Series, Vol. 162, No. 3859, Dec 13-1968)
- Enhancing the crops to feed the poor – Jikun Huang, Carl Play, Scott Rozelle (*Nature*, Vol. 418, www.nature.com/nature, 8 August 2002)
- IDGEC Science plan (May 3, 1999)
- Tradeoff or Synergies? Agricultural intensification, economic development and the environment – D. R. Lee and C. B. Barrett (Cornell University, Ithaca, New York, Cabi Publishing, 2001)
- Population growth and land degradation – Mortimore, Michael, Cutters' Cottage, Glovers' Close, Milborne Port, Sherborne DT9 5ER, England (by Kluwer Academic Publishers, *GeoJournal* 31.1, Sep. 1993)
- Frontier Governance in Amazonia – D. Nepstad, D. McGrath, A. Alencar, A.C. Barros, G. Carvalho, M. Santilli, M. Del C. Vera Diaz (*Science compass*, Policy Forum, *Science*, www.sciencemag.org, vol.295, 25 January 2002)
- El Gobierno de los bienes comunes. *La evolución de las instituciones de acción colectiva* – Elinor Ostrom (The Press Syndicate of the University of Cambridge, 1990)
- Classification and change detection using Landsat TM Data: when and how to correct atmospheric effects? – Conghe Song, Curtis E. Woodcock, Karen C. Seto, Mary Pax Lenney, Scott A. Macomber (*Remote Sensing of environment*, Elsevier Science, 2001)
- Land use intensification and abandonment in Rondônia, Brazilian Amazonia - Diógenes S. Alves(*), Maria I.S. Escada, Jorge L.G. Pereira, Claudia de Albuquerque Linhares (Diógenes S. Alves, María I. S. Escada, Jorge L. G. Pereira, Claudia de Albuquerque Linhares, INPE, 2003)
- Agricultural expansion and deforestation: modelling the impact of population, market forces and property rights – Arild Angelsen (*Journal of development economics*, Vol.58, 1999)
- Comparative farming systems – B. L. Turner II, Stephen B. Brush (Introduction to farming systems, *Comparative farming systems*, The Guildford Press, New York, London, 1987)

- Challenging the turnover hypothesis of amazon deforestation: evidence from colonization projects in Brazil – Joao Santo Campari (The University of Texas at Austin, 2002)
- Proximate causes and underlying driving forces of tropical deforestation – Helmut J. Geist, and Eric F. Lambin (BioScience, Vol.52, February 2002)
- The causes of land-use and land-cover change: moving beyond the myths - Lambina, Turnerb, Geista, Agbolac, Angelsend, Brucee, Coomesf, Dirzog, Fischerh, Folkei, Georgej, Homewoodk, Imbernonl, Leemansm, Lin, Morano, Mortimore, Ramakrishnanq, Richardsr, Skaness, Steffent, Stoneu, Svedinv, Veldkampw, Vogelx, Xuy (Global Environmental Change 11, Elsevier Science, 2001)
- An analysis of deforestation patterns in the extractive reserves of Acre, Amazonia from satellite imagery: a landscape ecological approach - P. Peralta, P. Mather (International Journal of Remote Sensing, Vol. 21, 2000)
- Secondary forest expansion in the Brazilian Amazon and the refinement of forest transition theory – Stephen G. Perz, David L. Skole (Society and Natural resources, Taylor and Francis Group, 2003)
- Social determinants of secondary forests in the Brazilian Amazon – Stephen G. Perz, David L. Skole (Social Science Research 32, Elsevier Science, 2003)
- Is there a forest transition? Deforestation, reforestation and development – Thomas K. Rudel (Rural Sociology, Vol. 63, No. 4, December 1998)
- Deforestation and land use in the Amazon – Charles H. Wood, Roberto Porro (University Press of Florida, 2002)
- Predictive relations of tropical forest biomass from Landsat TM data and their transferability between regions - Giles M. Foodya, Doreen S. Boyd, Mark E.J. Cutlerc (Remote Sensing of Environment 85, Elsevier Science, 2003)
- The concept of scale and the human dimensions of global change: a survey - Clark C. Gibson, Elinor Ostrom, T.K. Ahn (Ecological Economics 32, Elsevier Science 2000)
- Challenges and opportunities in integrating ecological knowledge across scales - N. Thompson Hobbs (Forest ecology and management 181, Elsevier Science, 2003)
- Are agricultural land-use models able to predict changes in land-use intensity? - E.F. Lambin, M.D.A. Rounsevell, H.J. Geist (Agriculture, Ecosystems & Environment 82, Elsevier Science, 2000)

- The Future of Brazilian Amazon - William F. Laurance, Mark A. Cochrane, Scott Bergen, Philip M. Fearnside, Patricia Delamônica, Christopher Barber, Sammya D'Angelo, Tito Fernandes (Science Magazine, www.sciencemag.org, 2001)
- A new estimate of changing carbon storage on land since the last glacial maximum, based on global land ecosystem reconstruction – J. M. Adams, H. Faure (Global and Planetary change, Elsevier Science, 1998)
- Evolution, consequences and future of plant and animal domestication – Jared Diamond (Nature, Vol. 418, www.nature.com/nature, 8 August 2002)
- Modelling the glacial-interglacial changes in the continental biosphere – L. M. François, C. Delire, P. Warnant, G. Munhoven (Global and Planetary change, Elsevier Science, 1998)
- Regions at risk: Comparisons of threatened environments – Jeanne X. Kasperson, Roger E. Kasperson, B. L. Turner II (United Nations University Press, 1995)
- The local and global effects of Amazon deforestation – David Werth, Roni Avissar (Journal of Geophysical, Research Vol.107, 2001).
- Preface to special issue on the Large-Scale Biosphere-Atmosphere Experiment in Amazonia (LBA) - Roni Avissar (Journal of Geophysical, Research Vol.107, 2002)
- The global distribution of cultivable lands: current patterns and sensitivity to possible climate change – Navin Ramankutty, Jonathan A. Foley, John Norman and Kevin McSweeney (Global Ecology & Biogeography, Research article, Blackwell Science Ltd. 2002)
- Patterns and causes of ecosystem loss in the Colombian Amazon - Dolores Armenteras, MSc, PhD (cand.); Guillermo Rudas, MSc; Nelly Rodriguez; Sonia Sua; Milton Romero (Editorial Manager-tm- for Landscape Ecology, Manuscript Draft, 2003)