

SYMPOSIUM 33: ENVIRONMENTAL SERVICES IN AMAZONIA

Bonito, 20th June 2012 (Wednesday)

Philip M. Fearnside (INPA, Brazil)

Rita C.G. Mesquita (INPA, Brazil)

The National Institute for Science and Technology of Environmental Services of Amazonia (INCT-Servamb), a research initiative funded by Brazil's Ministry of Science, Technology and Innovation, has been working to better quantify these services, their loss through environmental transformations underway in the Amazon region and the ways in which they can be protected and fostered by interventions in land-use change processes in the region. Modeling of land-use change under different scenarios is used to assess the effects of decisions regarding building roads, creating protected areas and implementing various public policy measures. Research groups participating in INCT-Servamb will present findings to date and their implications for development policy.

TALKS (Room Kadiwéu 2, 14h00-15h30)

14h00-14h15 (S33.OC.01) **Is REDD a good deal for conservation in Madre de Dios, Peru?**
Britaldo Silveira Soares-Filho

14h15-14h30 (S33.OC.02) **Changes provoked by forest fragmentation in the Amazonian system.** *José Luis Campana Camargo*

14h30-14h45 (S33.OC.03) **Are environmental services affected by successional pathways in secondary Amazonian rain forests?** *Rita de Cássia Guimarães Mesquita*

14h45-15h00 (S33.OC.04) **Expansion of oil palm cultivation in the Amazon: potential impacts on carbon fixation and water use.** *Claudio Jose Reis de Carvalho*

15h00-15h15 (S33.OC.05) **Land use intensity affects biomass accumulation in Amazonian secondary forests.** *Paulo Eduardo Massoca*

15h15-15h30 (S33.OC.06) **Avoiding greenhouse-gas emissions from land-use change in Brazilian Amazonia as an environmental service.** *Paulo Maurício Lima de Alencastro Graça*

POSTERS (Karuha Space, 15h30-16h30)

S33.P.01. **Managing an intensified Amazonia: estimating the effect of agricultural intensification of key commodities on ecosystem service delivery in Amazonia.**
Christine O'Connell

S33.P.02. **Agrobiodiversity of the Chacras at the indigenous communities Kichwas of the Ecuadorian Amazon.** *Liliana Alexandra Pila Quinga*

S33.P.03. **Wood vegetation structure in a transitional forest of southeastern Amazonia, Brazil.** *Roberta Cury*