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I am currently a researcher at the recently created Center for Earth System Science at INPE, and Science Officer for IGBP Regional Office in Brazil. I hold a biology degree from São Carlos Federal University, and PhD in human ecology from the University of California, Davis, USA. In my PhD in human ecology I have focus directly on the interaction between human and natural systems. I studied the ecological consequences of different resource use activities and conservation strategies. On the human systems side, I focus on behavioral and institutional factors that underpin human resource use decisions, including institutional responses to the tragedy of the common pool resources.

My work at INPE is centered on complex coupled socio-ecological dynamics of global environmental change aiming to inform environmental policy strategies for sustainable use of natural resources accounting for vulnerability and adaptation of remote communities.

I'm also leading an analytical review on the understanding what are the bottlenecks and trade offs in mainstreaming Ecosystem Services for Poverty Alleviation in the Amazonia through the ESPA Program in UK.

I'm coordinating the socio-ecological dynamics and resilience for sustainability at the Northeast in Brazil, State of Pernambuco, a FAPESP/ FACEP project PI: Jean P. Ometto (INPE) and Romulo Menezes (UFPE).

As the science coordinator of IGBP Regional Office in Brazil, I'm leading the coordination of a scientific network in Latin America targeted to the understanding of the coupled socio-environmental dynamics to achieve sustainability in the region face the challenge of global environmental change.

I'm also participating in the "Land Use Change and Institutional Arrangements in the Amazonia" Project funded by FAPESP under the PI of Dr Gilberto Camara (INPE) and Roberto Araujo (Museu Goeldi/ INPE).