

SPEAKER SERIES

**CENTER FOR ECOSYSTEM SCIENCE AND POLICY
DEPARTMENT OF GEOGRAPHY & REGIONAL STUDIES**

Galley and Conference Center, Wesley Foundation Building
University of Miami, 1210 Stanford Dr., Coral Gables, FL

Wednesday, February 22, 4-6PM

**Dr. Emilio Moran
Indiana University**

Population and Environment in the Brazilian Amazon: Social and Environmental Interactions

Dr. Moran will report results from research on human environment transformations conducted over the past eight years in two regions of the Brazilian Amazon. The investigations seek to understand the ways in which the developmental cycle of households affects trajectories of land use, deforestation, and the reproductive strategies of women. The two regions, one located in the Xingu basin, and the other at the confluence of the Tapajos/Amazon rivers, offer interesting contrasts in physical environment endowments, histories of human settlement, and rural-urban interactions. One of the surprising findings that Dr. Moran will discuss is the precipitous decline in female fertility—an unexpected phenomenon in a frontier agricultural area, where high fertility might be expected, to meet the labor needs of farm households.

Please join us for interesting conversations and a reception following the lecture.



Dr. Emilio Moran is Professor of Anthropology, Geography and Environmental Sciences at Indiana University, director of ACT (Anthropological Center for Training and Research on Global Environmental Change), and co-director of CIPEC (Center for the study of Institutions, Population and Global Environmental Change). He received his BA in Spanish literature from Spring Hill College, and his MA and PhD degrees from the University of Florida in Latin American History and Social Anthropology, respectively. Dr. Moran has authored seminal works in ecological anthropology and global environmental change, and serves on several national and international scientific/advisory panels (NAS, NRC, NSF, NIH, IGBP, IHDP etc.). His main areas of interest include human ecology, tropical ecology and resource management, ecosystem ecology, migration and resettlement. His research currently combines remote sensing with ecological and social science field methods in the study of landscape change in the Amazon Basin. His work has been funded by the NSF, NIH, NOAA, NASA, and other sources. His most recent book, *People and Nature* (2006, Blackwell), examines the dynamic relationship between nature and societies through an analysis of historical patterns, current trends and unfolding trajectories.

For further details or to schedule an appointment to speak with Dr. Moran, contact Dr. Rinku Roy Chowdhury, Department of Geography & Regional Studies (rroychowdhury@miami.edu, 305-284-5447), or Andee Cohen, Center for Ecosystem Science and Policy (acohen@law.miami.edu, 305-284-8259).