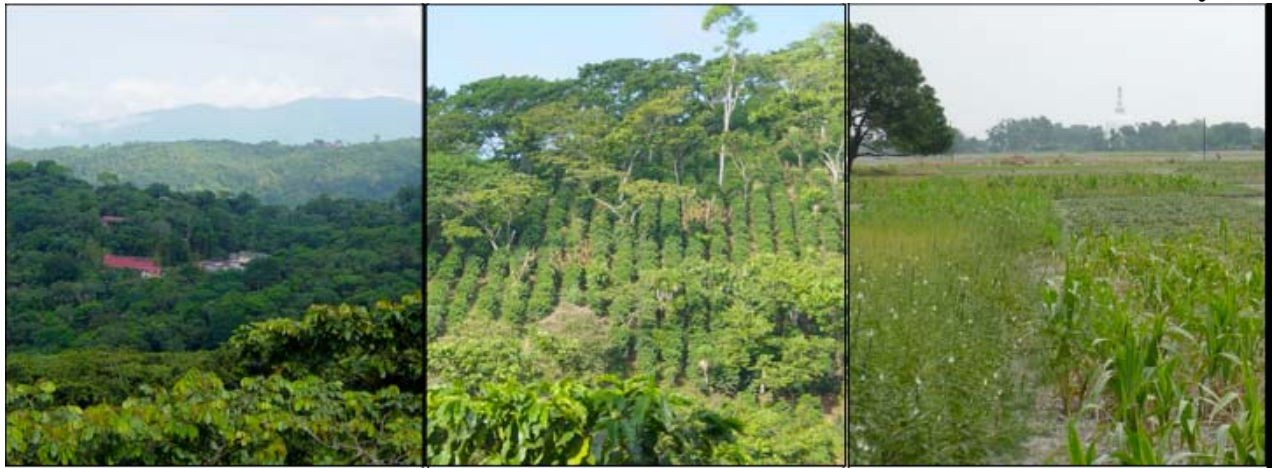


Energy and Resources Group
Spring 2008 Colloquium Series (ER295)

February 6, 2008

Dr. Brenda Lin

Postdoctoral Research Fellow, The Earth Institute, Columbia University



Agricultural Vulnerability Under Climate Change: Agroecosystem Management and Adaptation

Increasing climate variability presents a great concern to agricultural production in many regions of the world. Adaptations to temperature and precipitation variation may be found in management systems that are ecologically complex and increase resilience to climatic changes. In this talk, I will discuss research that investigates climatic threats to rainfed agriculture and the role of vegetation complexity within agricultural systems to mitigate such threats.

Dr. Brenda Lin is an ecologist researching questions of tradeoffs between ecosystem management and human well-being. She graduated from the University of Michigan with a doctoral degree from the School of Natural Resources & Environment. At Michigan, Dr. Lin researched the role of agroecosystem management in providing ecosystem resilience to climate change effects, especially in regards to decreasing precipitation and crop water availability. She is currently a postdoctoral research fellow with the Earth Institute at Columbia University where she has continued to work on topics of agroecosystem management with an interdisciplinary group of researchers focusing on projects of poverty and sustainable development.

110 Barrows Hall – 4:00 p.m.