

New Seminar Course

Fall 2013

Coupled Human and Natural Systems (CHANS): Key Issues and Research Frontiers

Course Number: FW893 (Section 002)

Number of Credits: 1 (for more credits, approval is needed from the Instructor)

Instructor:

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Class Time and Location:

Will be determined together with enrolled students at the beginning of the fall semester

Course Description:

This course will examine key issues and exciting frontiers in research on coupled human and natural systems (CHANS, e.g., social-ecological systems, human-environment systems, and ecological-economic systems). CHANS research has emerged as a hot topic around the world as it provides the foundation for sustainability, conservation, management, policy, and governance. Besides critiquing and discussing important CHANS concepts and methods as well as applications to a variety of scientific and societal issues (e.g., climate change, ecosystem services, energy, environment, fisheries, food, forest, invasion species, land, trade, water, and wildlife), students will have opportunities to practice literature review and synthesis by doing term projects.