

UF's REDD+ WORKING GROUP WEEKLY SEMINAR FALL 2015

Current Title: REDD+ and Climate Change Adaptation: articulation of climate change and conservation research and action in tropical countries

More realistic course title:

Tropical Forest Policies, Economics, and Conservation Reading Group

BOT 6935, SECTION 1E97, Period 6, 12:50-1:40 PM, Thursdays, 221 Carr Hall

(NOTE: different room than in the course catalogue)

Since this group started meeting weekly in 2008, the focus has broadened from an initial focus on REDD+ (reductions in greenhouse gas emissions from deforestation and forest degradation while enhancing carbon stocks through improved management) to include consideration of other types of conservation interventions. This semester the group will continue to follow REDD+, but will also pay attention to adaptations to the inevitable changes in global climates as well as to other efforts at conservation. It turns out that most of the readings we discuss relate to the conservation policies and economic impacts, with carbon serving as an undercurrent.

This 1-2 credit seminar-style course has the following objectives:

- Maintain a critical eye on the instruments designed to promote conservation in the tropics through reductions in emissions of atmospheric heat-trapping gases.
- Critically evaluate other sorts of conservation interventions from ecological as well as economic, social, and political perspectives.
- Identify and discuss those elements that need to be part of the process of *adaptation* to climate change, with emphasis on tropical countries.
- Understand the roles researchers can play in conservation, particularly in the evaluation and enhancement of efforts to mitigate and adapt to climate change.

We will read current literature on these and related issues and try to maintain the vibrant dynamics that have always characterized the REDD Working Group. If you are interested in participating, please register or e-mail Claudia Romero (romero@ufl.edu) or Jack Putz (fep@ufl.edu). We will meet for an hour on Thursdays at 12:50 PM (Period 6) in 221 Carr Hall. You can register for 1-2 credits under BOT 6935 (REDD+ Working Group, Section 1E97) or just attend for free.

Following the WG's tradition of designing and organizing workshops¹, this FALL we will hold a 2-day workshop with (so far) Food & Resource Economics and TCD's support (**ANNOUNCEMENT BELOW**).

¹ -Spring 2013. **Projecting the Future of REDD+ Landscapes with Agent-Based Modeling** –supported by the Florida Climate Institute, Tropical Conservation & Development Program, and Biology

-Spring 2015. **Systematic Review Methodologies** -supported by the Florida Climate Institute

**Tropical Conservation & Development - TCD, Food & Resource Economics –FRE
&
REDD+ Forest Policy & Economics Working Group**

16 & 18 November 2015 (9 AM-5 PM)

Workshop Title: BEHAVIORAL ECONOMIC GAMES AND EXPERIMENTAL TOOLS TO ADDRESS COLLECTIVE ACTION ISSUES WITH RESPECT TO COMMON PROPERTY RESOURCES IN TROPICAL FORESTS.

Featuring: Professor Juan Camilo Cárdenas, Universidad de los Andes, Bogotá –COLOMBIA
(jccarden@uniandes.edu.co)

Objectives of the Workshop

This workshop will introduce behavioral economics theory and associated experimental tools. It will illustrate how these approaches can be used to further our understanding of tropical conservation and development tradeoffs.

NOTE: Participants will spend three sessions of the REDD+ WG during the Fall-2015 semester in preparation for this workshop. During these preparatory sessions, readings will be discussed that introduce behavioral economics and its use. The dates of these sessions are: September 24th; October 15th; and, October 22nd. [The REDD+ Group meets for an hour each Thursday at 12:50 PM in 221 Carr Hall.]

Workshop Content

The workshop will introduce the behavioral economics approach and its experimental application to understand decision-making about tropical forest resources.

Topics to be explored include:

- Contributions of behavioral economic experiments to dialogs with social actors involved in conflicts over natural resource use.
- Mechanisms to test hypotheses about behavior related to collective action dilemmas and the management of common property resources.
- Uses of experimental games to understand issues of power and information asymmetry related to natural resource management.
- Investigation of decision-making processes in collective-action dilemmas.
- Discussions on using experiments as pedagogical tools in the classroom and the field

Readings and Resources (to be distributed to participants):

Cárdenas JC, Rodríguez LA, and Johnson N. 2015. Vertical Collective Action: Addressing Vertical Asymmetries in Watershed Management. Documentos CEDE. ISSN 1657-7191

Gelcich S, Guzmán R, Rodríguez-Sickert C, Castilla JC, and Cárdenas JC. 2013. Exploring external validity of common pool resource experiments: insights from artisanal benthic fisheries in Chile. *Ecology and Society* 18(3): 2. <http://dx.doi.org/10.5751/ES-05598-180302>

Cárdenas JC. 2011. Social Norms and Behavior in the Local Commons as Seen Through the Lens of Field Experiments. *Environ Resource Econ.* 48:451–485.

Cárdenas JC. 2009. Experiments in Environment and Development. *Annu. Rev. Resour. Econ.* 1:24.1–24.27

Cárdenas JC and Ostrom E. 2007. What do people bring into the game? Experiments in the field about cooperation in the commons. *Agricultural Systems* 82: 307–326.

https://economia.uniandes.edu.co/files/profesores/juan_camilo_cardenas/docs/Archivos%20para%20descargar/MANUAL_JUEGOS_CARDENAS_RAMOS.pdf

<http://humboldt.org.co/es/component/k2/item/100-metodos-complementarios-para-la-valoracion-de-la-biodiversidad-una-aproximacion-interdisciplinar>

MONDAY -16 November	WEDNESDAY -18 November
<u>Morning session</u> Location: <ul style="list-style-type: none">- First classroom experiment- The basics of an experimental design	<u>Morning Session</u> Location: <ul style="list-style-type: none">- Third classroom experiment- Game theory basics and behavioral foundations of decision-making with a focus on natural resource use and environmental issues
<u>Afternoon session</u> Location: <ul style="list-style-type: none">- Second classroom experiment- A review of experiments on natural resource use and common-pool resources	<u>Afternoon session</u> Location: Topics/Questions: <ul style="list-style-type: none">- Ethical and logistical issues in the field- Brainstorming on interesting ideas for designing an experiment- Critical appraisal - overview + practical- Wrap up – what next?