

NREL Fall 2012 Seminar Series

"Managing our Natural Resources for Changing Climate"
Facilitated by Dennis Ojima (CSU NREL) and Jeff Morisette (USGS NC CSC)

Please note change in lectures location: Third Floor Conference Room A302-A304, Natural and Environmental Sciences Building, at 11 a.m. - noon, unless otherwise noted. Talks will be limited to 35 minutes to allow ample time for questions, suggestions, and discussion.

This fall's NREL seminar series is being co-sponsored by the Department of Interior North Central Climate Science Center and NREL with Drs. Jeff Morisette and Dennis Ojima co-organizing the series. The speakers for this semester's series represent a number of experts engaged in researching natural resource management issues relative to climate and other global change effects. In addition, a number of speakers are involved in the on-going US National Climate Assessment and will share some of the findings related to technical inputs to the efforts. The aim of the set of speakers is to explore what are the natural resource management challenges associated with managing and adapting for climate change. Confirmed speakers include: Jill Baron (USGS), Bob Gough (Intertribal COUP), Steve Jackson (SW CSC/USGS), Linda Joyce (USFS), Berrien Moore (U of OK), Jeff Morisette (NC CSC/USGS), Pat Shafroth (USGS), Amy Symstad (USGS), Leigh Welling (NPS).

Further details, with complete schedule of speakers, seminar titles and abstracts, are forthcoming.

Following the seminar, a "brown bag lunch" discussion will be held from noon to 12:50 pm in the Francis Clark Conference Room, B215, of the NESB.

Aug 24 Orientation- for students only

Aug 31 Jeff Morisette, DOI North Central Climate Center

Title: "An update on the research strategy for the DOI North Central Climate Science Center"

Sept 7 Jill Baron, USGS/NREL

Title: "Vulnerability and adaptation to climate change in western mountain ecosystems"

Sept 14 Linda Joyce, US Forest Service

Title: "Reporting to Congress on the Vulnerability of Forests to Climate Change:
"The National Climate Assessment"

Sept 21 Bob Gough, Inter-tribal Council on Utility Policy

Title: "Tribal Strategies for Resilience in the Face of Weather Extremes"

Sept 28 Jonathan Mawdsley, Wildlife Conservation Program at the

Heinz Center

Title: Adventures in Adaptive Management: Development of Wildlife Management Indicators for Western Landscapes

Oct 5 **No seminar this week**

Oct 12 **Leigh Welling**, Chief, Climate Change Response Program, NPS

Title: Navigating Terra Incognita: Resource Management in a Changing Climate

Oct 19 **Steve Jackson**, DOI Southwest Climate Science Center

Title: Climate Change and Biodiversity Conservation: Thirteen Lessons from the Past

Oct 26 **Amy Symstad**, USGS Northern Prairie Wildlife Research Center

Title: Climate change vulnerability and implications for natural resource management in the Black Hills

Nov 2 **Dennis Ojima**, NREL/ESS

Title: Emerging Challenges for Managing Social-ecological systems under a Changing Climate: Bringing resilience from theory to practice (and back)

Nov 9 **Max Post van der Burg**, USGS Northern Prairie Wildlife Research Center

Title: Using decision analysis for making robust management decisions under extreme uncertainty and prioritizing (climate) information

Nov 16 **Pat Shafroth**, USGS Fort Collins Science Center

Title: Projecting climate change effects on cottonwood and willow seed dispersal phenology, flood timing, and seedling recruitment in western riparian forests

Nov 23 **No Seminar- Thanksgiving Break**

Nov 30 **Shannon McNeeley**, North Central Climate Science Center

Title: Demonstrating the Utility of a Participatory Approach to Understanding Social-ecological Vulnerability and Adaptive Capacity for Responding to Climate Change