

# DISCCRS III SYMPOSIUM SCHEDULE

*last modified 08/30/07*

*Schedule is subject to change without notice. Participant suggestions welcome*

## Meals

**KMC Cafeteria:** All Lunches will be sack lunches  
**Breakfast** and **Dinner** times are scheduled for **8:00 AM** and **6:30 PM**  
except **Thursday dinner** will be **off site**

## Meeting Room

**Ohia** room all days  
*except:*  
**Koa** Room Friday morning and afternoon

## Monday, September 10

- |                       |   |
|-----------------------|---|
| 10:00 AM –<br>9:00 PM | <b>Registration</b> (Ohia room)<br>Transfer oral presentations to KMC computers<br>Set up posters (Ohia Room) |
| 12:30 – 1:30          | <b>Lunch (sack)</b> DISCCRS registration desk closed 12:30 – 1:30   |
| 6:30 – 7:00           | <b>Dinner</b> Served at 6:30 pm DISCCRS desk may be closed during Dinner                                      |
| 7:30 – 9:00           | <b>Mixer</b> Ohia Room  |

# Tuesday, September 11

8:00 Breakfast

8:30 **Welcome \* Overview \* Participant Introductions**

*Participant Introductions in alphabetical order: Maximum 2 minutes and one image*

10:30 Break

11:00 **Stephen Schneider** Keynote address

12:30 Lunch

2:00 **Wilson, Elizabeth J.** Managing the Risks of Geologic Carbon Sequestration: A Regulatory and Legal Analysis

**Kohler, Pia M.** Towards a Global Consensus on Matters of Science: How Process and Membership Can Generate Valid and Sustainable Science Advice in Multilateral Environmental Treaty Negotiations

**Crane, Todd A.** Changing Times and Changing Ways: Local Knowledge, Political Ecology and Development in the Niger River Inland Delta of Central Mali

**Codjoe, Samuel** Population and Land Use/Cover Dynamics in the Volta River Basin of Ghana, 1960-2010

**Bradley, Bethany A.** A Regional Analysis of Drivers and Impacts of Land Cover Change and Long-term Land Cover Trends in the Great Basin, U.S.

**Krakauer, Nir** Characterizing Carbon-Dioxide Fluxes from Oceans and Terrestrial Ecosystems

**Pohlman, John W.** Sediment Biogeochemistry of Northern Cascadia Margin Shallow Gas Hydrate Systems

3:30 Break

4:00 **Shanahan, Timothy M.** West African Monsoon Variability from a High-Resolution Paleolimnological Record (Lake Bosumtwi, Ghana)

**Urrego, Dunia H.** Long-term Vegetation and Climate Change in Western Amazonia

**Salzmann, Nadine D.** The Use of Results from Regional Climate Models for Local-Scale Permafrost Modeling in Complex High-Mountain Topography – Possibilities, Limitations and Challenges for the Future

**Keller, Jason K.** Controls of Microbial Carbon Cycling in Northern Peatlands

**Townsend-Small, Amy** Carbon and Nitrogen Cycling in the Peruvian Andean Amazon

**Cable, Jessica M.** Precipitation Effects on Soil Carbon Cycling in the Sonoran Desert

**Teh, Yit Arn** Methane Cycling in Humid Tropical Forests: Stable Isotope Geochemistry and Effects of Oxygen Dynamics

**Turnbull, Jocelyn C.** Development of a High Precision  $^{14}\text{CO}_2$  Measurement Capability and Application to Carbon Cycle Dynamics

6:30 Dinner Served

7:30 **Mentor** 2-minute introductions and 8-minute professional presentations

8:30 **Posters**

## Wednesday, September 12

- 8:00 Breakfast
- 8:45 Announcements +/-
- 9:00 **Charles Kolstad** Keynote address
- 10:30 Break
- 11:00 **Rivers, Louie** Risk Perception and Decision-Making in Minority and Marginalized Communities
- Tarui, Nori** Essays on Common-Property Resource Management and Environmental Regulation
- Saldaña-Zorrilla, Sergio O.** Economic Vulnerability in Mexico: Natural Disasters, Foreign Trade and Agriculture
- Pagano, Thomas C.** The Role of Climate Variability in Operational Water Supply Forecasting for the Western United States
- Zaitchik, Benjamin F.** Local Drivers of Aridity in the Middle East and Beyond
- Johnson, Mark S.** Linkages Between Hydrology and Biogeochemistry on Amazonian Pastures and Forested Headwater Catchments
- Ignace, Danielle D.** Functional Responses of Sonoran Desert Plant species to precipitation
- 12:30 Lunch
- 2:00 **LaDeau, Shannon L.** Reproductive ecology of *Pinus taeda* Growing in Elevated CO<sub>2</sub>
- Suttle, Kenwyn B.** Spider Interactions with Arthropod Prey and Their Consequences in Temperate and Tropical Communities
- Averyt, Kristen B.** Strontium and Calcium in Marine Barite: Implications for Barite Formation and Seawater Chemistry
- Nilsen, Elena B.** Studies of Carbon Cycling, Nutrient Dynamics and Climate Change in Pelagic and Coastal Ecosystems Using Sediment Geochemical Techniques
- Westley, Marian B.** Isotopomer Studies of Nitrous Oxide in Low Oxygen Marine Environments
- Baskett, Marissa L.** Marine Reserve Design and Life History Variation
- Webster, Diana G.** The Fortunes of Fishes and Fishers: The Political Economy of Innovation in Atlantic Resource Management
- Wilson, Robyn S.** What Motivates Choice? Behavioral Decision Theory for Environmental Policy and Management
- 3:30 Break
- 4:00 **Magi, Brian I.** Optical Properties and Radiative Forcing of Southern African Biomass Burning Aerosol
- Nelson, David M.** Influence of Aridity and Fire on Holocene Vegetational Patterns in the Tallgrass Prairie Peninsula
- Cohan, Daniel S.** Photochemical Formation and Cost-efficient Abatement of Ozone: High-Order Sensitivity Analysis
- Franklin, Evan T.** Sliver Solar Cells and Concentrator Sliver Cells
- Zerriffi, Hisham** Electric Power Systems Under Stress: An Evaluation of Centralized Versus Distributed System Architectures
- Boykoff, Maxwell T.** United States Media Representational Practices and Anthropogenic Climate Change: Investigations at the Interface of Science & Policy
- 5:00 **Chris Olex** Interpersonal Communication and Group Dynamics
- 6:30 Dinner Served
- 7:30 **Mentor Panel: Interdisciplinary Careers**
- 8:30 Posters

# Thursday, September 13

- 8:00 Breakfast
- 8:45 **Announcements** +/-Δ
- 9:00 **[Jimmy] Zimmerman & Louis Rivers:** NSF Overview & Proposal Process
- 10:30 Break
- 11:00 **Kenny Broad: Proposal-Development Panel**
- 12:30 **Sack Lunch, Field Trip, Dinner on own** (\$15.00 per person will be provided)
- 4:00 Shuttles from KMC to Hilo for dinner, public presentation (optional)
- 7:30 **Optional Public Lecture:** (participant transportation will be available)  
**Steve Schneider**  
University of Hawai'i at Hilo  
Global Warming: Can We Define – Let Alone Fix –  
'Dangerous' Climate Change?
- 9:00 Shuttles from University of Hawaii to KMC

## Friday, September 14

8:00	Breakfast
8:45	<b>Announcements</b> +/-Δ
9:00	<b>Chris Olex:</b> Facilitation Skills
10:00	Break
10:30	<b>Susi Moser:</b> Communication Training & Break-Out Groups
12:30	Lunch
2:00	<b>Communication, continued: Moser, Root, Schneider, Broad</b>
3:30	Break
4:00	<b>Discussion Groups</b> – Participant Choice
6:30	Dinner Served
7:30	<b>IPCC and the Science/Policy Interface: Mitchell,</b> Panel

## Saturday, September 15

8:00	Breakfast
8:45	<b>Announcements</b> +/-Δ
9:00	<b>TBA</b>
10:30	Break
11:00	<b>Break-Out Groups</b> – Policy
12:00	Lunch
1:30	<b>Discussion Groups</b> – Participant Choice
3:00	Break
4:00	<b>Interdisciplinary Proposal Team Exercise</b>
6:30	Dinner Served
7:30	<b>TBA</b>

## Sunday, September 16

8:00	Breakfast
8:45	<b>Announcements</b> +/-Δ
9:00	<b>Interdisciplinary Proposal Teams</b>
10:00	Break
10:30	<b>Discussion Groups</b> – Participant Choice
12:00	Lunch
1:30	<b>Team Proposal Presentations and Discussion</b>
3:30	Break
4:00	<b>Symposium Evaluations and Debrief</b>
6:30	Dinner Served
7:30	<b>Party</b>

## Monday, September 17

8:00	Breakfast
	<b>Participants Depart</b> – Latest room checkout 12:00 noon. Shuttles to Hilo airport will be provided

Shuttles leave KMC for travel to Hilo Airport at:  
Please see Shuttle Schedule for your scheduled departure.

8:30 am  
12:00 pm  
2:30 pm  
4:45 pm

Drive is approximately 45 minutes.