CESM Societal Dimensions Working Group Meeting  
26 - 27 February 2014  
National Center for Atmospheric Research – Boulder, Colorado  
Mesa Lab – Main Seminar Room  

Webcast: www.fin.ucar.edu/it/mms/ml-live.htm

WEDNESDAY, 26 February
9:00   Pre-meeting side event: SDWG Water Discussion – ML Fleischman Building (this will not be webcast)

Joint Land Model and Societal Dimensions Working Group Meeting
1:00   Lawrence Buja/Marika Holland/Dave Lawrence – Introduction to Joint SDWG/LMWG session
1:30   Peter Thornton – The influence of prognostic land use and land cover change representations in CESM simulations over the period 1850-2100
1:50   Alan DiVittorio – From land use to land cover: Restoring the afforestation signal in GCAM to CESM land coupling and the implications for CMIP5 RCP simulations
2:10   Ruby Leung – Representing human influence in CESM: Global testing of a river routing and water management model coupled to CLM
2:30   Mark Rounsevell – Towards decision-based global land use models for improved understanding of the Earth system
2:50   Almut Arneth – The EU project LUC4C: Land-use change: Assessing the net climate forcing, and options for climate change mitigation and adaptation
3:10   Break
3:30   CGD Seminar – Jerry Nelson – Critical challenges for integrated modeling of climate change and agriculture: Addressing the lamppost problem
4:30   Break
4:45   Discussion (SDWG/LMWG research priorities on human dimensions of land surface modeling)
5:30   Reception and poster session

THURSDAY, 27 February
8:00   Coffee

SDWG Science Session I
8:30   Co-chairs – Introduction and objectives for the day
8:50   Chris Anderson – Object-oriented evaluation of downscaled Midwest warm-season rainfall
9:10   Mohamad Hejazi – The representation of water systems in GCAM: A perspective of the human dimension in CESM
9:30   Bill Collins – The Climate Readiness Institute initiative on adaptation and mitigation in the SF Bay Area
9:50   Kenichi Wada – The Water-Food-Economy-Climate nexus of ALPS scenario
10:10  Discussion
10:30  Break

SDWG-related projects Highlight Session
10:50  James McFarland – An overview of the CIRA Project: Multi-model framework to achieve consistent evaluation of climate change impacts in the United States
11:10  Eric Gilleland – Advanced climate and regional model validation for societal applications
11:30  Brian O’Neill – Project on Benefits of Reduced Anthropogenic Climate changE (BRACE)
11:50  Kate Calvin – Climate change impacts in Latin America: A multi-model analysis
12:10  Discussion
12:30  Lunch (on your own)
**SDWG Science Session II**

1:30  Adam Schlosser – IGSM-CLM-WRS framework to undertake a large-ensemble scenario exercise to study Southeast Asia

1:50  Martyn Clark – ACE / BOR hydrology project

2:10  Erwan Monier – Greenhouse gas emissions and climate impacts of a large-scale biofuels expansion

2:30  Caspar Ammann – Enhancing use of CESM output through an efficient downscaling capability with feedback to model development

2:50  Break

3:10  Co-Chairs – Plenary discussion (SDWG goals and orientation)

4:30  Adjourn