

Agenda, NCAR IAM Group Annual Meeting, July 21-22, 2014

Fleischman Building, NCAR Mesa Lab (<http://www2.ucar.edu/campus/mesa-laboratory>)

Monday, July 21

- 8:00-8:30 Coffee, continental breakfast
- 8:30-9:00 Brian O'Neill IAM group overview and introductions
- 9:00-10:30 ***Spatial modeling***
- 20 Dan Runfola, NCAR/CU-Boulder NCAR spatial modeling of population and land use: a progress report
 - 20 Sonia Yeh, UC Davis Spatial analysis of urban development and transportation in India
 - 20 Fernando Riosmena, CU Boulder Climate impacts on migration in Mexico
 - 30 Discussion
- 10:30-11:00 Break
- 11:00-12:30 ***Spatial land use modeling***
- 20 Dave Theobald, Conservation Development and applications of a national land use map
 - 20 P.S. Roy, Univ. Hyderabad, India Land use & land cover change and its drivers in India
 - 20 Peter Lawrence, NCAR Understanding the climate impacts of land cover change in CESM: Land cover prescription and model uncertainty
 - 30 Discussion
- 12:30-1:30 Lunch
- 1:30-3:00 ***Avoided impacts of climate change, the BRACE project***
- 20 Steve Sain, NCAR Detecting changes in extreme precipitation
 - 20 Bryan Jones, NCAR Population exposure to heat-related extremes
 - 20 Brooke Anderson, Colorado State Univ. Mortality impacts of extreme temperature
 - 30 Discussion
- 3:00-3:30 Break

3:30-5:20	Socio-economic pathways	
20	Vanessa Schweizer, Univ. Waterloo	Studying discontinuities in socioeconomic scenarios
20	Leiwen Jiang, NCAR, Raphael	Population modeling for the Shared Socioeconomic Pathways
20	Dale Rothman, University of Denver	Implementing the Shared Socioeconomic Pathways in the International Futures (IFs) model
40	Discussion	
5:30	Adjourn	

Tuesday, July 22

8:30 Coffee, continental breakfast

8:55-9:00	Overview Brian O'Neill	Intro to Day 2
9:00-10:30	iPETS modeling	
20	Mike Dalton, NOAA	Household dynamics and substitution of energy consumption in the iPETS model
20	Nikolai Melnikov, Russian Academy of Sciences	Downscaling household outcomes in iPETS to multiple household types
20	Ed Balistreri, Colorado School of Mines	Implementing iPETS in the GAMS programming language: progress report
30	Discussion	
10:30-11:00	Break	
11:00-12:30	Energy, land, water I	
20	Bas van Ruijven/Xiaolin Ren, NCAR	Results for iPETS mitigation scenarios from the Latin America Modeling Project
20	Matthias Weitzel, NCAR	Modelling technological uncertainty in key abatement technologies
20	Atul Jain, Univ. Illinois	Impact of growing bioenergy crops on water balance
30	Discussion	
12:30-1:30	Lunch	
1:30-3:30	Energy, land, water II	
20	Sherman Robinson, IFPRI	Linking global hydrology, water basin management, and water stress models with global economic models
20	Dan Kaffine, CU Boulder	Reap the whirlwind: Interactions between wind farms and agricultural yields
20	Katie Daenzer, Penn St. Univ.	The Phoenix CGE model
20	Terry Iverson, Colorado State Univ.	Optimal carbon taxes with non-constant time preference
30	Discussion	
3:30 - ?	Wrap up discussion at the Southern Sun	