# 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

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

Vanessa Schweizer, Univ. Waterloo
Studying discontinuities in socioeconomic scenarios

Leiwen Jiang, NCAR, Raphael
Population modeling for the Shared Socioeconomic Pathways

Dale Rothman, University of Denver
Implementing the Shared Socioeconomic Pathways in the International Futures (IFs) model

Discussion

Adjourn

Tuesday, July 22

8:30 Coffee, continental breakfast

Overview

Brian O’Neill
Intro to Day 2

iPETS modeling

Mike Dalton, NOAA
Household dynamics and substitution of energy consumption in the iPETS model

Nikolai Melnikov, Russian Academy of Sciences
Downscaling household outcomes in iPETS to multiple household types

Ed Balistreri, Colorado School of Mines
Implementing iPETS in the GAMS programming language: progress report

Discussion

Break

Energy, land, water I

Bas van Ruijven/Xiaolin Ren, NCAR
Results for iPETS mitigation scenarios from the Latin America Modeling Project

Matthias Weitzel, NCAR
Modelling technological uncertainty in key abatement technologies

Atul Jain, Univ. Illinois
Impact of growing bioenergy crops on water balance

Discussion

Lunch

Energy, land, water II

Sherman Robinson, IFPRI
Linking global hydrology, water basin management, and water stress models with global economic models

Dan Kaffine, CU Boulder
Reap the whirlwind: Interactions between wind farms and agricultural yields

Katie Daenzer, Penn St. Univ.
The Phoenix CGE model

Terry Iverson, Colorado State Univ.
Optimal carbon taxes with non-constant time preference

Discussion

Wrap up discussion at the Southern Sun