



2011 USERS' MEETING

April 7-8, 2011

NCAR

Center Green Laboratory 1

AGENDA

THURSDAY APRIL 7

- 8:00 a.m.** *Bus departs Golden Buff for Center Green Laboratory 1*
- 08:20 – 9:00** Pick up registration materials, badges, caps
- 09:00 – 09:15** Welcome and Overview of NARCCAP – Linda Mearns, NCAR
- 09:15 – 10:00** Overview of attendees – slides with one sentence introductions (attendee stands at introduction)
- 10:00 – 10:15** *Break*
- 10:15 – 12:00** About the RCMs
- Representatives from each RCM group will talk for 18 minutes about the important features of their RCM and what users ought to know about them – sample results if time
- HRM3** – Richard Jones, UK Hadley Centre (presented by Bill Gutowski)
- CRCM** – Daniel Caya, Ouranos
- MM5** – Bill Gutowski, Iowa State University
- WRF** – Ruby Leung , PNNL
- ECPC/RSM** – Ana Nunes, Scripps (presented by Daniel Caya)
- RegCM3** – Mark Snyder, UC Santa Cruz (presented by Ruby Leung)
- 12:00 – 13:00** *Lunch (Atrium)*
- 13:00 – 14:00** Panel discussion with Regional Climate Modelers
- 14:00 – 14:30** Data QC and Archiving: Upcoming Developments – Seth McGinnis, NCAR
- 14:30 – 15:00** Overview of Phase I Results – Bill Gutowski, Iowa State University
- 15:00 – 15:30** Special Topics in Evaluation of Phase I – Melissa Bukovsky, NCAR
- 15:30 – 15:45** *Break*
- 15:45 – 16:15** Overview of Climate Change Results – Linda Mearns, NCAR
- 16:15 – 16:45** Quantifying Uncertainty- New Results – Steve Sain, NCAR
- 16:45 – 17:30** Invited Participant Talks (20 minutes each)
- 16:45 – 17:05 Use of NARCCAP in the US National Climate Assessment – Ken Kunkel, NOAA (Invited)
- 17:05 – 17:25 Very Extreme Seasonal Precipitation in the NARCCAP Ensemble – Michael Wehner, LLNL (Invited)
- 17:30 – 18:00** *Meeting adjourns – transportation to Mesa Lab*
- 18:00 – 19:00** Poster Session (drinks, hors d'oeuvres) at Mesa Laboratory
- 19:00 – 20:30** Dinner and poster session (continued)
- 20:30 – 21:00** *Bus back to Golden Buff and Marriott Residence Inn*



FRIDAY APRIL 8

- 8:30 a.m.** *Bus from Golden Buff to Center Green Laboratory 1*
- 9:00 – 12:15** Participant Talks (15 minutes each)
- 9:00 – 9:20 Downscaling and Adaptation Uncertainty – Joe Barsugli, NOAA, CU (Invited)
- 9:20 – 9:35 Changes in Wind Energy Resources – Sara Pryor, Indiana University
- 9:35 – 9:50 Further Dynamical Downscaling Using WRF: High-resolution Simulations of Extreme Precipitation Events in Future NARCCAP Climate Scenarios – Kelly Mahoney, NOAA
- 9:50 – 10:05 Impacts of Climate Change on Crop Production in the Ogallala Aquifer – George Paul, Kansas State University
- 10:05 – 10:20** Topic Pods – Introduction – Toni Rosati and Seth McGinnis, NCAR
- 10:20 – 10:35** *Break*
- 10:35 – 11:45** Small Group Discussions (Topics TBD, 5 groups)
- 11:45 – 12:15** Small Group Report Outs
- 12:15 – 13:15** *Lunch (Atrium)*
- 13:15 – 14:45** Participant Talks (continued)
- 13:15 – 13:30 Analysis of NARCCAP Results for the Pacific Northwest – Trevor Murdock, PCIC
- 13:30 – 13:45 Validation of Different NARCCAP-RCMs in the Southern Part of the Domain – M. J. Montero-Martinez
- 13:45 – 14:00 Analysis of NARCCAP Multi-RCM Hydro-Climate Scenarios in the Lake Winnipeg Watershed – Jonas Dibike, Environment Canada (presented by Trevor Murdock)
- 14:00 – 14:15 Bias-adjusting CRCM-CGCM3 Data and its Application in the SWAT Modeling of Lower Missouri River Basin – Lei Qiao, St. Louis University
- 14:15 – 14:30 Quantification of Uncertainty in High Resolution Temperature Scenarios for North America – Guilong Li, Environment Canada
- 14:30 – 14:45 Utilizing NARCCAP for Assessing Hydrologic Impacts of Climate change: Methodologies, Tools, and Challenges – Phillip Morefield, US EPA
- 14:45 – 15:30** Final Wrap-Up
- 15:30** *Meeting Adjourns*