

Climate Change, Global Food Security and the U.S. Food System

USDA/NCAR Workshop, July 12-15, 2014

National Center for Atmospheric Research, Boulder Colorado

Foothills Lab 2 Room 1024

Agenda

Tuesday, July 12 2016	
<i>Climate Change</i>	
<i>Moderator: Olga Wilhelmi, NCAR</i>	
8:30	Bus leaves from the hotel
9:00 – 9:20	Welcome - <i>Margaret Walsh (USDA Climate Change Program)</i> and <i>Lawrence Buja (NCAR)</i>
9:20 -9:30	Workshop goals, agenda and logistics - <i>Olga Wilhelmi (NCAR)</i>
9:30 – 10:00	Participants introductions
10:00 – 10:45	20 th and 21 st Century Climate Change: Overview of Climate Science and Modeling – <i>Lawrence Buja (NCAR)</i>
10:45 – 11:15	Tea/Coffee break
11:15 -12:00	Overview of USDA Report – <i>Peter Backlund, Colorado State University</i>
12:00 – 1:00	Lunch (Foothills lab cafeteria)
1:00 – 3:00	Hands on GIS exercise – <i>Jennifer Boehnert (NCAR)</i>
3:00- 3:30	Tea/Coffee break
3:30 – 4:15	Overview of AgMIP – <i>Sonali McDermit (NYU)</i>
4:15 – 4:30	Discussion
4:30 – 6:00	Poster Session and Reception
6:15	Bus leaves for the hotel

<p style="text-align: center;">Wednesday, July 13 2016</p> <p style="text-align: center;"><i>Agriculture and Food Systems in the United States</i></p> <p style="text-align: center;"><i>Moderator: Meg Walsh, USDA</i></p>	
8:30	Bus leaves from the hotel
9:00 – 9:45	Day 1 summary and reflections - <i>Participants</i>
9:45 – 10:30	Crop modeling in CESM – <i>Peter Lawrence (NCAR)</i>
10:30 – 11:00	Tea/Coffee break
11:00 -11:45	Regional Climate Model Development For Agricultural Applications: A Land Surface Modeling Perspective – <i>Michael Barlage (NCAR)</i>
11:30 – 12:00	Discussion
12:00 – 1:00	Lunch (Foothills lab cafeteria)
1:00 – 3:00	Hands on GIS exercise – <i>Jennifer Boehnert (NCAR)</i>
3:00- 3:30	Tea/Coffee break
3:30 – 4:15	Climate impacts on farming, ranching and natural resources – <i>Justin Derner (USDA Northern Plains Regional Climate Hub)</i>
4:15 – 5:00	Community Food Security - <i>Brian Coppom (Boulder County Farmers Market)</i>
5:00 - 5:15	Group photo outside Foothills Lab
5:15	Bus leaves for the hotel
6:30	Tour and dinner and Boulder Farmer's Market

<p style="text-align: center;">Thursday, July 14 2016</p> <p style="text-align: center;"><i>Food Security - Moderator: Lawrence Buja, NCAR</i></p>	
8:30	Bus leaves from the hotel
9:00 - 9:45	Day 2 summary and reflections - <i>Participants</i>
9:45 – 10:30	Overview of Food Security – <i>Meg Walsh, USDA</i>

10:30 – 11:00	Tea/Coffee Break
11:00 – 11:45	Food Security in Africa - <i>Edward Carr (Clark University)</i>
11:45 – 12:00	Discussion
12:00 – 1:00	Lunch (Foothills lab cafeteria)
1:00 – 3:00	Hands on GIS exercise – <i>Jennifer Boehnert (NCAR)</i>
3:00- 3:30	Tea/Coffee Break
3:30 – 4:30	Panel discussion - U.S. food security issues and the science & GIS needed to address them - <i>Participants</i>
4:30 – 5:00	Internship and research opportunities at NCAR/UCAR – <i>Rebecca Haacker (NCAR ASP / SOARS)</i>
5:15	Bus leaves for the hotel

Friday, July 15 2016 <i>Local, sustainable agriculture -</i> <i>Moderator: Olga Wilhelmi, NCAR</i>	
8:30	Bus leaves from the hotel
9:00 -9:45	Day 3 Summary and reflections - <i>Participants</i>
10:00 – 12:30	Field trip to Boulder County farms – <i>Jeff Moline (Boulder County Parks & Open Space)</i>
12:30 - 1:15	Lunch (Foothills lab cafeteria)
1:15 - 2:15	Closing discussion and next steps – <i>Lawrence Buja (NCAR)</i>
2:15 - 2:45	Workshop evaluation and adjourn – <i>Olga Wilhelmi (NCAR)</i>
3:00	Bus leaves for the hotel