

CRN Soil Moisture Workshop

**Tuesday March 3, 2009**

	<b>Title</b>	<b>Speaker</b>	<b>Affiliation</b>
8:00 AM	Coffee, etc		
8:30 AM	Regional and International Networks Welcome, Introduction, Objectives and Goals	Tilden Meyers	NOAA/ARL/ATDD
8:45 AM	USCRN Program Status	Michael Palecki	NOAA/NCDC
9:15 AM	NIDIS, U.S. Drought Portal and Needs for Soil Moisture and Soil Temperature Measurements	Mike Brewer	NOAA NCDC
9:45 AM	Overview of Activities of the International Soil Moisture Working Group (ISMWG)	Peter Van Oevelen	GEWEX
10:15 AM	Break		
10:45 AM	The Global Scale Soil Moisture Data Bank and Scales of Soils Moisture Variations with Applications to Network Design	Alan Robock	Rutgers University
11:15 AM	Working toward a soil moisture monitoring system for Canada	John Fitzmaurice	Agriculture and Agri-Food Canada/Agriculture
11:45AM	Lunch		
1:00 PM	Blending the SCAN and SNOTEL Systems to Provide National Soil Moisture and Temperature Data for the USDA-NRC	Gary Schaefer	USDA-NRC
1:30 PM	The Oklahoma Mesonet's Soil Temperature and Soil Moisture Networks	Chris Fiebrich	University of Oklahoma
2:00 PM	Soil Moisture Monitoring, Data, and Products in Nebraska	Eric Hunt, Mark Svoboda, Brian Fuchs	NDMC
2:30 PM	Break		
3:00 PM	Role of Soil Moisture/Climate Networks in SMAP Validation	Tom Jackson	USDA-ARS
3:30 PM	Summary of Findings from the International Workshop on the Retrieval and Use of Land Surface Temperature: Bridging the Gap	Ana Pinheiro	NOAA/NCDC
4:00 PM	Value of ground network Observations of land surface temperature and soil moisture in development of satellite soil moisture data products	Xiwu Zhan	NOAA/NESDIS
4:30 PM	An attempt to Evaluate Satellite Land Surface Temperature Using Surfrad Data	Yunyue Yu	NOAA/NESDIS
5:00 PM	Wrap-up	Tilden Meyers	

## CRN Soil Moisture Workshop

### Wednesday March 4, 2009

	<b>Title</b>	<b>Speaker</b>	<b>Affiliation</b>
8:00 AM	Coffee, etc		
8:30 AM	Soil Moisture, Soil Moisture and Relative Humidity Measurements for USCRN	Bruce Baker	NOAA/NCDC
9:00 AM	Temperature Characterization of the Hydra II	Tilden Meyers	NOAA/NCDC
9:30 AM	Preliminary Results from ATDD's Soil Moisture/Temperature Testbed	William Collins	
10:00 AM	Break		
10:30 AM	Validating Large Scale Networks Using Temporary Local Scale Networks	Micheal Cosh	USDA-ARS
11:00 AM	Soil Moisture and Soil Temperature Measurements at NCAR	Steve Oncley	NCAR
11:30 AM	Lunch		
1:00 PM	In Situ Soil Moisture Representation	Robert W. Scott	U of Illinois/ISWS
1:30 PM	Discussion: What is Required for Observations of Soil Moisture/Temperature?	Tilden Meyers	NOAA/ATDD
3:00 PM	Break		
3:00 PM	Discussion: Ancillary Data Needs, validations, intercomparison studies , testbeds		
4:30 PM	Wrap-up	Bruce Baker	

### Thursday March 5, 2009

8:00 AM	Coffee, etc
8:30 AM	Develop Recommendations for USCRN Deployment, including sampling protocols, validation studies, and metadata requirements
10:00 AM	coffee
10:30AM	Conference Summary
12:00PM	Wrap-up