



Northern Plains Climate Hub
U.S. DEPARTMENT OF AGRICULTURE



SMERGE Regional Workshop Agenda May 9 & 10, 2018 Courtyard Marriott Denver Airport 6901 Tower Road Denver, CO 80249

Workshop Goals & Objectives

Goal 1. Ensure SMERGE indicators and associated tools/products are useable by stakeholders

Objective 1. To engage stakeholders (i.e., data users) regarding the specifications and accessibility of SMERGE data.

Objective 2. To brainstorm additional applications for SMERGE and to gauge the level of potential interest by different user communities.

Objective 3. To identify individuals interested in using SMERGE data within a framework that can support decisions.

What is SMERGE?

SoilMERGE (SMERGE) is a new root-zone soil moisture product, still in development, that covers the contiguous United States. The product is developed by merging NLDAS land surface model output with surface satellite retrievals from the European Space Agency Climate Change Initiative. Unlike other observational soil moisture products, SMERGE spans nearly 4 decades (1979 to 2015). It has a 0.125° spatial resolution, at a daily time-step.

<http://www.tamtu.edu/cees/smerge/overview.shtml>



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Day 1	Wednesday, May 9
DiCicco's Italian Restaurant 6701 Tower Road Denver, CO 80249	
5:30 – 7:30 PM	Welcome and Social Event (No Host)

Day 2	Thursday, May 10
Courtyard Marriott Denver Airport 6901 Tower Road Denver, CO 80249	
8:30 – 9:00 AM	Workshop Check-in and Networking
9:00 – 9:15 AM	Welcome and Workshop Objectives, <i>Dr. Dannele Peck</i>
9:15 – 10:00 AM	What is SMERGE? <i>Dr. Wade Crow</i>
10:00 - 10:30 AM	Break
Session 1: 10:30 - 11:30 AM	Compare SMERGE to existing soil moisture products, <i>Dr. Wade Crow</i>
11:30 - 1:00 PM	Lunch (No Host)
Session 2: 1:00 - 2:00 PM	Current data format and where to access them. What format and accessibility do participants prefer or need?, <i>Dr. Ken Tobin and Dr. Bill Teng</i>
Session 3: 2:00 - 2:45 PM	Facilitated brainstorming. How might participants use SMERGE as an input or complement to their research, or existing products? <i>Dr. Dannele Peck and Windy Kelley</i>
2:45 - 3:00 PM	Break
Session 4: 3:00 - 4:00 PM	Share out and panel discussion of research and application ideas. Moderator: <i>Dr. Dannele Peck</i> , Panelists: <i>Drs. Wade Crow, Ken Tobin, and Bill Teng</i>
Session 5: 4:00 - 4:30 PM	Next Steps and Expression of Interest, <i>Dr. Dannele Peck, Windy Kelley, and Dr. Bill Teng</i>
4:30 – 5:00 PM	Closing remarks, <i>Dr. Ken Tobin</i>