



U.S. Global Change Research Program

US GEWEX Soil Moisture Mini-Workshop Agenda

April 16, 2021

1PM-4PM

Virtual Workshop

<https://bluejeans.com/1503793000>

Phone: 408-419-1715 / Meeting ID: 150 379 3000

- 1:00 PM** **Welcome** (Drew Story – USGCRP)
- 1:02 PM** **Opening Remarks** (Gary Geernaert – DOE)
- 1:05 PM** **Introduction to US GEWEX** (Jared Entin – NASA; Jennifer Arrigo – DOE)
- 1:12 PM** **Soil Moisture Activities: Observational Networks, Data, Products, and Syntheses**
(Moderated by Renu Joseph – DOE) *10-minute presentations followed by 2 minutes for clarifying questions*
- 1:12 PM National Integrated Drought Information System (NIDIS) – Veva Deheza
1:24 PM National Coordinated Soil Moisture Monitoring Network (NCSMMN) – Marina Skumanich
1:36 PM Federal Soil Moisture Working Group (FSMWG) – Mike Cosh
1:48 PM AmeriFlux – Russ Scott and Marcy Litvak
2:00 PM National Ecological Observatory Network (NEON) – Ed Ayres
2:12 PM Consortium of Universities for the Advancement of Hydrologic Science, Inc (CUAHSI) – Jerad Bales
2:24 PM Reducing Uncertainty in Biogeochemical Interactions through Synthesis and COmputation (RUBISCO) – Jiafu Mao, Trevor Keenan, and Forrest Hoffman
- 2:36 PM** **Panel Discussion and Q&A** (Moderated by Jennifer Arrigo & Jared Entin)
- What is the rationale for the soil moisture measurements and/or products your group develops? Are you targeting research and/or operational application?
 - Do you take or provide any co-located and/or related data in addition to soil moisture? For example, co-located atmospheric or flux measurements, ecological or hydrologic observations, etc.
 - What enhancements (e.g. additional variable measurements, additional sites, increased resolution of products, etc.) do you think could provide additional scientific value and value to stakeholders? Do you have priorities, strategies or plans for any of these enhancements?
 - With which other groups would collaboration add value to you or your stakeholders?
 - How can USGCRP / US GEWEX best engage you going forward?
 - What questions, ideas, or topics do you have for the meeting participants (e.g. other groups, U.S. agencies) that you would like to discuss or pursue together?
- 3:30 PM** **Closed Discussion** (US GEWEX Members)

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Participants

US GEWEX Members

Jared Entin (Co-Chair) – NASA
Renu Joseph (Co-Chair) – DOE
Jin Huang – NOAA
Jennifer Arrigo – DOE
Jielun Sun – NSF
Sally McFarlane – DOE
Tanya Spero – EPA
Margaret Hurwitz – NOAA/NWS
Gabriel Senay – USGS
Maoyi Huang – NOAA
Virginia Selz – NOAA

Invited Guests

Members of USGCRP Observations Interagency Working Group (ObsIWG)
Members of USGCRP Interagency Group on Integrative Modeling (IGIM)
Laura Lautz – NSF
Jenni Kyrouac – Argonne National Lab
Ryan Sullivan – Argonne National Lab
Roland Roberts – NSF/NEON
Paula Mabee – NEON
Chris McKay – NEON
Kirsten Ruiz – NEON
Sebastien Biraud – AmeriFlux
Thomas Cuff – NOAA/NWS
Mark Brusberg – USDA

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