Presentations

Invited Presentations


Hobbins MT (2014), Evapotranspiration and evaporative demand: How important are physically based estimates? *North Central Climate Science Center: Mini Workshop on Evapotranspiration*, Fort Collins, CO, 5 May.

First-author Presentations


Hobbins MT, Hughes MA, Mahoney KM, and Zamora RJ (2018), Too much water and too little: Meet EDDI, the Evaporative Demand Drought Index. *National Water Center Technology Showcase*, Tuscaloosa, AL, 27 March. (Poster)


Hobbins MT (2016), A global reference evaporative demand reanalysis for FEWS NET: A drought monitoring and early warning tool. FEWS NET Science Update Meeting: Agro-Climatology for Food Security Assessment, Santa Barbara, CA, 5-7 April. (Oral)


Hobbins MT, McEvoy DJ, and Huntington JL (2015), The California Drought though the eyes of EDDI (the Evaporative Demand Drought Index). 40th Climate Diagnostics and Prediction Workshop, Denver, CO, 26-29 October. (Oral)


MIKE HOBBINS, B.Eng., M.S., Ph.D.


Hobbins MT, Senay GB, and Verdin JP (2014), NOAA introduces its multi-generational reference evapotranspiration product. ASABE International Symposium on Evapotranspiration: Challenges in Measurement and Modeling from Leaf to the Landscape Scale and Beyond, Raleigh, NC, 7-10 April. (Oral)

Hobbins MT, Wood AW, McEvoy DJ, and Huntington JL (2014), An Evaporative Demand Drought Indicator (EDDI). ASABE International Symposium on Evapotranspiration: Challenges in Measurement and Modeling from Leaf to the Landscape Scale and Beyond, Raleigh, NC, 7-10 April. (Oral)

Hobbins MT (2014), What drives the spatial and temporal variability of evaporative demand across CONUS? ASABE International Symposium on Evapotranspiration: Challenges in Measurement and Modeling from Leaf to the Landscape Scale and Beyond, Raleigh, NC, 7-10 April. (Poster)


Hobbins MT, Streubel D, Werner K, and Brandon D (2011), Developing two long-term, daily datasets of evaporative demand across the conterminous US. *NASA/USDA Workshop on Evapotranspiration: An Essential Observation for Climate Understanding and Efficient Water Management*, Silver Spring, MD, 5-7 April. (Poster)

Hobbins MT, Streubel D, and Werner K (2011), Forecasting evaporative demand across the conterminous US. *NASA/USDA Workshop on Evapotranspiration: An Essential Observation for Climate Understanding and Efficient Water Management*, Silver Spring, MD, 5-7 April. (Oral)

Hobbins MT, Streubel D, and Werner K (2011), Forecasting evaporative demand across the conterminous US. *Utah State University Spring Runoff Conference*, Logan, UT, 29-30 March. (Oral)

Hobbins MT, Streubel D, and Werner K (2011), Forecasting evaporative demand across the conterminous US. *9th Annual Climate Prediction Applications Science Workshop*, Des Moines, IA, 1-4 March. (Oral)


Hobbins MT, Farquhar GD, and Roderick ML (2007), Moving beyond ‘the simpler, the better’: The dangers of parameterizing evaporative demand by temperature alone. *3rd Conference of the Gary Comer Abrupt Climate Change Fellowship*, Palisades, NY, 2-5 May. (Oral)


Hobbins MT, Roderick ML, and Farquhar GD (2006), What are we talking about when we talk about drying? 17th Annual Australia New Zealand Climate Forum, Canberra, ACT, Australia, 5-7 September. (Oral)


Hobbins MT, Roderick ML, and Farquhar GD (2005), Using a half-century of misdiagnosis to make bad predictions about future drought trends. Gary Comer Abrupt Climate Change Fellowship Roundtable, Palisades, NY, 20-22 October. (Poster)


Hobbins MT, Ramírez JA, and Brown TC (2001), Trends in regional evapotranspiration across the United States under the complementary relationship hypothesis. 21st Annual AGU Hydrology Days, Fort Collins, CO, 2-5 April. (Oral)


Co-author Presentations


Abstract H13E-03, 2019 Fall Meeting, AGU, San Francisco, CA, 9-13 December. (Oral)


McEvoy DJ, **Hobbins MT**, Brown TJ, VanderMolen KA, and Wall TU (2018), The Evaporative Demand Drought Index: Research and applications for wildland fire management. *Predictive Services Winter Meeting*, Meridian, ID, 4-6 December. (Oral)


Rangwala I, Smith LL, Senay GB, Barsugli JJ, Kagone S, and **Hobbins MT** (2018), Landscape Evaporative Response Index (LERI): High-resolution monitoring of evapotranspiration across
the contiguous US. *2018 Mountain Climate Conference (MTNCLIM 2018)*, Gothic, CO, 16-21 September (Poster)


Shukla S, McEvoy DJ, **Hobbins MT**, Husak GJ, Huntington JL, Funk CC, Verdin JP, and Macharia D (2017), Examining the value of global seasonal reference evapotranspiration forecasts...
to support FEWS NET’s food insecurity outlooks. Abstract PA11B-0211, 2017 Fall Meeting, AGU, New Orleans, LA, 11-15 December. (Poster)

Rangwala I, Dewes CF, Hobbins MT, Raleigh M, Fish TW, and Barsugli JJ (2017), Hydroclimate analysis for the Wind River Indian Reservation as relevant to water resources and impacts from climate extremes. Wind River Drought Preparedness Project Workshop, Fort Washakie, Wind River Indian Reservation, WY, 14 November. (Oral)

Rangwala I, Dewes CF, Hobbins MT, and Barsugli JJ (2017), Potential evapotranspiration discussions. USGS North Central Climate Science Center Evapotranspiration Workshop, Fort Collins, CO, 7-8 September. (Oral)


Dewes CF, Rangwala I, Hobbins MT, and Barsugli JJ (2017), Assessing drought risk under climate change in the US Great Plains via evaporative demand from downscaled GCM projections. 15th Annual Climate Prediction Applications Science Workshop, Anchorage, AK, 2-4 May. (Poster)

Dewes CF, Rangwala I, Barsugli JJ, Hobbins MT, and Kumar S (2017), Drought risk assessment under climate change is sensitive to methodological choices for the estimation of evaporative demand. NOAA-Physical Sciences Division flash seminar, Boulder, CO, 18 April. (Oral)


McEvoy DJ, Hobbins MT, and Huntington JL (2016), Linking evaporative demand surplus and precipitation deficits to multi-year streamflow drought in California. Yosemite Hydroclimate Meeting 2016, Yosemite National Park, CA, 5-6 October. (Oral)
Rangwala I, Dewes CF, Fish TW, Barsugli JJ, and Hobbins MT (2016), Climate change and hydrological impacts in the Wind River Indian Reservation region. *Wind River Drought Preparedness Project Workshop*, Fort Washakie, Wind River Indian Reservation, WY, 26 July. (Oral)


Xia Y, **Hobbins MT**, Mu Q, and Ek MB (2015), Evaluation of multimodel and multiscale NLDAS-2 evapotranspiration using different observations. *95th American Meteorological Society Annual Meeting*, Phoenix, AZ, 4-8 January. (Poster)


Roderick ML, Farquhar GD, and Hobbins MT (2005), Climate change: Wetter or drier? Ecological Society of Australia Annual Conference, Brisbane, Qld., Australia, 29 November-2 December. (Oral)


Farquhar GD, Roderick ML, and Hobbins MT (2005), Evaporative demand and climate change. Gary Comer Abrupt Climate Change Fellowship Roundtable, Palisades, NY, 20-22 October. (Oral)