**Peer-Reviewed Publications**

**GCOM-W AMSR2 Soil Moisture Product Validation Using Core Validation Sites** *Bindlish, Cosh, Jackson, Koike, Fujii, Chan, Asanuma, Berg, Bosch, Caldwell, Collins, McNairn, Martinez-Fermandez, Prueger, Rowlandson, Seyfried, Starks, Thibeault, Van Der Velde, Walker,* ***Coopersmith***. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. Dec., 2017. doi: 10.1109/JSTARS.2017.2754293.

**Relating Coccidioidomycosis (Valley Fever) Incidence to Soil Moisture Conditions –** ***Coopersmith****, Bell, Benedict, Shriber, McCotter, and Cosh*. GeoHealth. Mar., 2017. doi: 10.1002/2016GH000033. (**First Issue**)

**"Lifting" In Situ Soil Moisture Measurements with Machine Learning: A Multi-Depth Analys USCRN profiles and an Application for AMSR-E Satellite Validation with ECONet Sensors –** ***Coopersmith***, Cosh, Bell, and, Boyles. Advances in Water Resources. Oct., 2016. doi: 10.1016/j.advwatres.2016.10.007

**Deploying Temporary Networks for Upscaling of Sparse Network Stations –** ***Coopersmith***, *Cosh, Bell, Kelly, Hall, Palecki, and Temimi*. Int'l Journal of Applied Earth Obs. and Geoinformation. July, 2016. doi: 10.1016/j.jag.2016.07.013.

**Comparison of In Situ Soil Moisture Measurements: An Examination of the Neutron and Dielectric Measurements within the Illinois Climate Network –** ***Coopersmith***, *Cosh, and Jacobs.* Journal of Atmospheric and Oceanic Tech. June, 2016. doi: 10.1175/JTECH-D-16-0029.1.

**Multi-Profile Analysis of Soil Moisture within the U.S Climate Reference Network –** ***Coopersmith****, Cosh, Bell, and Crow*. Vadose Zone Journal, Oct. 2015. doi: 10.2136/vzj2015.01.0016.

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