Graduate Student Mahyar Aboutalebi Receives SPIE Award | Utah Water Research Laboratory

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Graduate student Mahyar Aboutalebi recently received the Best Paper Award at the SPIE 'Autonomous Air and Ground Sensing Systems for Agricultural Optimization and Phenotyping IV' Conference in Baltimore, MD, April 2019. This is the second year in a row that Mahyar has received an award for an SPIE paper, since his entry last year was awarded runner up for Best Paper.

Mahyar Aboutalebi in the field with AggieAir.

Mahyar is a current PhD student in the USU Department of Civil and Environmental Engineering, working with Dr. Alfonso Torres-Rua at the UWRL on the development and deployment of new technologies for use in remote sensing research and resource management applications, particularly in precision agriculture. His award-winning paper, titled "*The impact of shadows on partitioning of radiometric temperature to canopy and soil temperature based on the contextual two-source energy balance model (TSEB-2T)*," was selected from among a wide range of presentations at the conference. Mahyar will receive a certificate and a cash award. Congratulations, Mahyar, on a job well done!

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"The impact of shadows on partitioning of radiometric temperature to canopy and soil temperature based on the contextual two-source energy balance model (TSEB-2T)"Authors: Mahyar Aboutalebi (USU); Alfonso F. Torres-Rua (USU); Mac McKee (USU); Hector Nieto (IRTA); William Kustas (USDA); Calvin Coopmans (USU); In Proceedings Volume 11008 (SPIE), Autonomous Air and Ground Sensing Systems for Agricultural Optimization and Phenotyping IV, 1100804 (14 May 2019); doi: 10.1117/12.2519685. Event: SPIE Commercial + Scientific Sensing and Imaging, 2019, Baltimore, Maryland, United States.