

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

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Graduate student Mahyar Aboutalebi recently received the Runner-up for Best Paper Award at the SPIE 'Autonomous Air and Ground Sensing Systems for Agricultural Optimization and Phenotyping III' Conference in Orlando, L, April 2018.



Mahyar Aboutalebi

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 "Behavior of vegetation/soil indices in shaded and sunlit pixels and evaluation of different shadow compensation methods using UAV high-resolution imagery over vineyards," 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!

(SPIE is an international society that is advancing an interdisciplinary approach to the science and application of light. SPIE Defense + Commercial Sensing is the leading global technical conferences, courses, and exhibition on sensing, imaging, and photonics technologies for defense, security, health care, and the environment, presenting the latest advancements on sensors, infrared technology, laser systems, spectral imaging, radar, LiDAR, etc.)

"Behavior of vegetation/soil indices in shaded and sunlit pixels and evaluation of different shadow compensation

methods using UAV high-resolution imagery over vineyards"Authors: Mahyar Aboutalebi (USU); Alfonso F. Torres-Rua (USU); Mac McKee (USU); William Kustas (USDA); Hector Nieto (IRTA); Calvin Coopmans (USU); Proceedings Volume 10664-6, Autonomous Air and Ground Sensing Systems for Agricultural Optimization and Phenotyping III; 1066407 (2018) <https://doi.org/10.1117/12.2305883>. Event: SPIE Commercial + Scientific Sensing and Imaging, 2018, Orlando, Florida, United States