

Special Issue

Crop Evapotranspiration

Message from the Guest Editors

Knowledge of evapotranspiration (ET) over croplands is becoming increasingly important across multiple disciplines, spatial scales, and time. ET estimation is critical for addressing immediate needs at farm scales including improved crop water management and irrigation efficiencies, weather and crop-stress forecasting, and decision support tools. Additionally, large-scale ET model development and validation are critically needed at watershed to continental scales to help assess agronomic, hydrological, and economic impacts of drought and climate change. This Special Issue will focus on Crop Evapotranspiration in both irrigated and non-irrigated environments. We welcome novel research, reviews and opinion pieces covering all ET-related topics. We are especially interested in recent integrated ET research using data fusion techniques, combining biophysical models with observations, evaluating the roles of simple vs. complex models, ET estimation at multiple spatial scales, and assessments of the impact of advances in remote sensing technology using satellites, aircraft, and drones. Dr. Andrew N. French

Guest Editors

Dr. Andrew N. French

Arid-Land Agricultural Research Center, United States Department of Agriculture–Agricultural Research Service (USDA-ARS), Maricopa, AZ 85138, USA

Dr. Ray G. Anderson

US Salinity Laboratory, USDA-Agricultural Research Service, George E. Brown Jr. Salinity Laboratory, 450 W. Big Springs Rd., Riverside, CA 92507-4617, USA

Deadline for manuscript submissions

closed (31 December 2018)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/12724

Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



About the Journal

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), GEOBASE, PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)