

Special Issue

New Perspective of Artificial Intelligence and Data Analytics on the Agricultural Land

Message from the Guest Editors

As our capacity to measure different variables at many locations simultaneously increases, so does the amount of raw data to collect and store. Therefore, it is necessary to resort to data analytics techniques in order to manage a large amount of data so that it could be possible to discern trends and relations among variables. In such cases, it is necessary to go to artificial intelligence or machine learning techniques to estimate or simulate a certain variable. For this Special Issue, we are interested in contributions of artificial intelligence and data analytics on agricultural land, including but not limited to:

- Simulating and modeling of key variables for agricultural use
- Agrivoltaics
- The use of machine learning techniques to estimate biomass production
- The use of remote sensing applied to land/climate studies

However, contributions from other fields related to land-climate interactions, modeling variables of interest for cultures, or any other approach that links water, energy, land, and food are highly welcome. Regional or local studies are also desired.

Guest Editors

Dr. Rita X. Valenzuela

Dr. Francisco Ferrera-Cobos

Dr. Ignacio García Ruiz

Deadline for manuscript submissions

closed (31 August 2023)



Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



mdpi.com/si/123562

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

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





Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



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



About the Journal

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

Editor-in-Chief

Prof. Dr. Christine Fürst
Department Sustainable Landscape Development, Institute for
Geosciences and Geography, University of Halle, Halle, Germany

Author Benefits

Open Access:

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

High Visibility:

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

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Nature and Landscape Conservation)