

Special Issue

Land Surface Monitoring Based on Satellite Imagery II

Message from the Guest Editors

Land surface monitoring plays a significant role in the study of climate change and global warming. Even though in situ measurements are the most accurate way to measure surface parameters, they lack in spatial and temporal resolution. For this purpose, satellite data provide a global coverage and higher temporal resolution with very accurate retrievals of land parameters such as surface temperature and emissivity. Land surface parameters from remote sensing are incredibly attractive for applications in different environmental fields, such as land use/change, monitoring of vegetation and soil water stress, and early warning and detection of forest fires and drought. Typically, the monitoring of land cover changes is based on the definition of vegetation indices, exploiting the surface information provided by the spectral channels in the visible and the infrared. We invite researchers and academics to submit papers that deal with topics including but not limited to those listed above.

Guest Editors

Dr. Sara Venafra

Italian Space Agency, 75100 Matera, Italy

Prof. Dr. Carmine Serio

School of Engineering, University of Basilicata, 85100 Potenza, Italy

Dr. Guido Masiello

School of Engineering, University of Basilicata, 85100 Potenza, Italy

Deadline for manuscript submissions

closed (30 April 2024)



Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 4.9



mdpi.com/si/142882

Land
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 4.9



[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. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Prof. Dr. Christine Fürst

Institute for Geosciences and Geography, Department Sustainable Landscape Development, University of Halle, Von-Seckendorff-Platz 4, 06120 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), PubAg, AGRIS, GeoRef, RePEc, and other databases.

Journal Rank:

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