



Remote Sensing in Ecosystem Modelling

Guest Editors:

Dr. Ioannis Manakos

Prof. Dr. Duccio Rocchini

Prof. Dr. Giorgos Mountrakis

Deadline for manuscript
submissions:

closed (30 September 2020)

Message from the Guest Editors

Dear Colleagues,

Ecosystem models are fundamental for a deeper understanding of associated spatiotemporal dynamics. They also support the forecasting of ecological responses to future climate and land use changes. Earth observation (EO) data and methods serve as a cost-efficient alternative to in-situ data collection at numerous spatial and temporal scales. EO data are now an essential competent in ecological modelling. This Special Issue is inviting manuscripts on the following topics:

- direct comparisons of EO with in-situ data;
- assessment of the added value of EO to ecosystem models;
- interoperability topics, for example spatial and temporal scale issues, derived from the incorporation of EO in ecosystem models;
- uncertainty propagation of EO-derived inputs in ecosystem models;
- benefits by the EO assimilation and side-effects in the designed processing chains;
- adjustments in ecosystem models to better integrate EO inputs;
- the new capacity being developed and explored by the installation and operation of the Data and Information Access Services (DIASs).



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Special Issue



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Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
Geological Survey (USGS), USGS
Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

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Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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