Special Issue

Remote Sensing in Ecosystem Modelling

Message from the Guest Editors

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).

Guest Editors

Dr. Ioannis Manakos

Prof. Dr. Duccio Rocchini

Prof. Dr. Giorgos Mountrakis

Deadline for manuscript submissions

closed (30 September 2020)

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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