



## Remote Sensing in Ecosystem Modelling

Guest Editors:

**Dr. Ioannis Manakos**

imanakos@iti.gr

**Prof. Duccio Rocchini**

duccio.rocchini@unitn.it

**Prof. Giorgos Mountrakis**

gmountrakis@esf.edu

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submissions:

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### 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