Mapping Ecosystem Services Flows and Dynamics Using Remote Sensing

Guest Editors:

Dr. Anna Cord
Helmholtz Centre for Environmental Research – UFZ, Department of Computational Landscape Ecology, Permoserstr. 15, 04318 Leipzig, Germany
anna.cord@ufz.de

Dr. Guy Ziv
School of Geography, University of Leeds, Leeds LS2 9JT, UK
g.ziv@leeds.ac.uk

Deadline for manuscript submissions: closed (31 March 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue on "Mapping ecosystem services flows and dynamics using remote sensing" calls for manuscripts that demonstrate successful combinations of remotely sensed and other data or models to map the flows and dynamics of ecosystem services. We welcome recent technological and/or methodological innovations using remotely sensed information for mapping, monitoring, or measuring dynamics of ecosystem services in terrestrial, freshwater, and marine ecosystems, or detecting (changes in) ecosystem service flows. We particularly encourage studies that consider multiple ecosystem services (covering provisioning, regulating, and cultural ecosystem services) and interdisciplinary approaches.

Specific topics include, but are not limited to:

- Use of remote sensing data to assess spatial and temporal disconnects between ecosystem service supply and demand;
- Monitoring of changes in ecosystem services flows;
- Temporal dynamics of ecosystem services;
- Impact of human use of natural resources on socioecological systems, ecosystem integrity, and biodiversity elsewhere.

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