



Upscaling and Downscaling Modelling and/or Identification of Relevant Scales and Thresholds for Environmental Impacts in Ecology by Remote Sensing

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Deadline for manuscript
submissions:

closed (1 March 2020)

Message from the Guest Editors

Dear colleagues,

The complex heterogeneity of ecological processes, disturbances and anthropogenic activities at various spatial, temporal and directional scales affect both biotic and abiotic traits, structures, processes and essential ecosystem functions.

RS represent cost-effective and comprehensive methods enabling repetition and the recording of continuous abiotic and biotic diversity and trait information in space and over time. There are numerous kinds of sensors that differ in terms of their sensor characteristics such as radiometric, spatial, spectral, temporal and directional resolution. Hence, procedures, methods and models are required that enable the use of robust and comparable multi-sensor and multi-temporal RS information and data products in conjunction with ecosystem and biodiversity models.

The following Special Issue focuses on upscaling and downscaling modelling and/or identification of relevant scales and thresholds for environmental impacts in ecology by remote sensing.

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