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

Guest Editors:

Dr. Angela Lausch

Dr. Carsten Neumann

Dr. Reinhard Klenke

Ms. Uta Ködel

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.

Priv. Doz. Dr. habil. Angela Lausch
Dr. Carsten Neumann
Dr. Reinhard Klenke
Ms. Uta Ködel
Guest Editors

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Special Issue

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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.

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