Special Issue

Spatial Characterization of Vegetation

Message from the Guest Editor

Remotely sensed images are commonly used to derive or generate vegetation maps. Mapped vegetation attributes maps may be discrete, such as the occurrence of dominant species or labels of species assemblages, or continuous, such as percentage of cover of green leaf area, total basal area of tree boles, or fraction of absorbed photosynthetically active radiation. As such, maps are a way to spatially characterize vegetation. Within raster data models most often used in such cases, vegetation attributes may be mapped on a per-raster basis, leading to a wall-to-wall spatial characterization of those attributes. In alternative vector data models, spatial units that are variable in size and shape are associated with their attributes. Further, vegetation may be characterized using spatial statistics such as semivariograms, spatial covariance functions, or size distributions. Papers are invited that deal with methods of remote-sensing-derived spatial characterization and the consequences of those choices for analysis (summary statistics, results of process models, etc.).

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2021)

About the Journal

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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