



## Spatial Characterization of Vegetation

Guest Editor:

**Dr. Jennifer L. Dungan**

MS 245-4 NASA Ames Research  
Center, Moffett Field, CA 94035-  
1000, USA

Deadline for manuscript  
submissions:

**closed (30 June 2021)**

### 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.).





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*Remote Sensing* Editorial Office  
MDPI, Grosspeteranlage 5  
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