



Remote Sensing of Biophysical Parameters

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Message from the Guest Editors

Dear Colleagues,

Vegetation plays an essential role in the study of the environment through plant respiration and photosynthesis. Therefore, the assessment of the current vegetation status is critical to modeling terrestrial ecosystems and energy cycles. Canopy structure (LAI, fCover, plant height, biomass, leaf angle distribution) and biochemical parameters (leaf pigmentation and water content) have been employed to assess vegetation status and its dynamics at scales ranging from kilometeric to decametric spatial resolutions thanks to methods based on remote sensing (RS) data.

This Special Issue will review the state of the art in biophysical parameters retrieval and its usage in a wide variety of applications (e.g., ecology, carbon cycle, agriculture, forestry and food security).

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Message from the Editor-in-Chief

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