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Ecohydrological Remote Sensing

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Deadline for manuscript
submissions:

closed (31 May 2021)

Message from the Guest Editors

Contributions may include but are not limited to:

- The resilience of ecosystems' fluxes to droughts and heat waves or their combination.
- Vegetation–atmosphere interactions: responses to soil moisture vs. vapor pressure deficits, atmospheric pollutants and aerosol loadings, radiation or precipitation response and feedback.
- Carbon and water footprints of dryland and irrigated crops at regional scales.
- Remote-sensing analysis of plant hydraulic and water traits to better understand and model drought responses.
- Effects of land use/land cover changes on various components of the hydrological cycle such as surface runoff, recharge, or feedback to climate.
- Novel approaches to estimate vegetation status and functions based on statistical analysis including machine learning, combinations of data-driven and mechanistic models, plant hydraulics, or surface energy balance approaches.
- Meso and microscale landscape heterogeneity to advance the transfer of schemes across scales (e.g., aerodynamic and canopy resistances) or to provide effective community level descriptions alternatives to plant functional types (PFT).



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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