



## Using Remote Sensing for Ecosystem Service Assessments in Tropical Landscapes

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### Message from the Guest Editors

Tropical landscapes play an important role in biodiversity conservation, terrestrial carbon cycles, and hydrological regimes, among others. Attempts to preserve the role of such tropical landscapes in providing ecosystem services requires information on spatial and temporal distribution at various scales. Ecosystem service assessments are often limited by spatial and spatiotemporal data, a challenge that may be overcome by the use of Earth observation systems (EOS), given their many beneficial features. This SI invites studies that highlight the link between EOS (i.e., satellite, aircraft, drone; optical, SAR, hyperspectral) and ecosystem service assessments with a particular focus on tropical landscapes with a forest or agroforestry component. Studies should illuminate new ways in which EOS can be used to assess, monitor, or model ecosystem services at patch, landscape, or larger spatial scales. Possible further topics include mapping of ecosystem processes and services under landscape change dynamics, effects of scale on monitoring ecosystem services in conjunction with EOS, and inter- or multidisciplinary approaches that combine with EOS-derived data.





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## Message from the Editor-in-Chief

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