Special Issue

Root Dynamics Tracking Using Remote Sensing

Message from the Guest Editor

The provision of spatial data sets of the biosphere is crucial for biogeochemical model development, understanding the effects of disturbance, and factor prominently in the development of climate change mitigation strategies. While the utility of remote sensing as an aboveground biomass monitoring tool at plot to global scales has expanded tremendously in recent years, the science of belowground biomass monitoring lags. Further work is needed to go beyond species-, region-, and/or climate-specific “root-to-shoot” ratios, and to develop a remote sensing framework that exploits all available information on aboveground vegetation traits and environmental drivers to predict the root system physical structure, defined by the quantity, morphology, and spatial distribution of biomass. The aim of this Special Issue is to present state-of-the-art research about technological and methodological developments on belowground biomass monitoring.

Guest Editor

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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.

Editor-in-Chief

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