Special Issue

Use of Remote Sensing in Valuation of Blue Carbon and Its Co-benefits

Message from the Guest Editor

This issue welcomes submissions that demonstrate how advances in remote sensing can be used to establish the value of salt marshes, mangrove swamps, and seagrass meadows. These ecosystems are now widely recognized as highly efficient sinks for atmospheric carbon dioxide. The carbon they store, termed “blue carbon”, is found in biomass aboveground, but the most significant stocks are held in the soil of salt marshes, mangrove swamps, and seagrass meadows (also termed blue carbon habitats). Remote sensing has clear applications for assessing aboveground stocks of carbon, for instance, through indices that indicate production and vegetation height. Wetland boundaries were first mapped through interpretation of aerial photography, and advances in remote sensing are expected to continue to improve our ability to determine the area of blue carbon ecosystems. For this issue, we look for advances in both methods to assess aboveground carbon stocks and extent of blue carbon habitats as well as many other “ecosystem services”, or “co-benefits”, of salt marshes, mangrove swamps and seagrass meadows.

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.

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