Special Issue

Forest Carbon Inventories and Management

Message from the Guest Editor

Forest covers about 30% of the total world's land area, but it stores 45% of terrestrial carbon. However, deforestation and forest degradation are still a major source of greenhouse gases (GHG); but, if appropriate mechanisms are in place and properly implemented, the forestry sector could reduce up to 5.5 GtCO2e emissions each year. Realizing this potential, 97 developing countries have included Land Use, Land Use Change and Forestry (LULUCF) in their Nationally Determined Contributions (NDCs) and 50 of these countries are aiming for emission reductions through forestry activities.

There are several forest management practices that could be instrumental in storing carbon and reducing GHG emissions from forests. We encourage studies from all forest management fields including, but not limited to, (1) five activities: reducing emissions from deforestation; reducing emissions from forest degradation; conservation of forest carbon stocks; sustainable management of forests; and enhancement of forest carbon stocks; (2) five carbon pools: above-ground biomass; below-ground biomass; dead wood; litter; and soil organic carbon; and (3) three GHGs: CO2; CH4 and N2O.

Guest Editor

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Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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