Accelerating REDD+ Initiatives in Africa Using Remote Sensing

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Message from the Guest Editors

Forest degradation and deforestation contributes to more than 12% of global greenhouse gas emissions and thereby aggravates the issue of climate change. To address this, United Nations Framework Convention on Climate Change (UNFCCC) developed an international framework called REDD+ (reducing emissions from deforestation and forest degradation, conservation of existing forest carbon stocks, sustainable forest management and enhancement of forest carbon stocks) which encourages developing countries to reduce carbon emissions from forested lands, especially from tropical forested areas, by offering financial incentives based on targets achieved. Over the years, there has been a lot of developments to REDD+ – which include applications of remote sensing technology, in particular long term satellite imagery – however, questions still remain on whether REDD+ will bring transformational changes for combating climate change in the long run while upholding qualities of effectiveness, efficiency and equity.

Special Issue

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Message from the Editor-in-Chief

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