



Ecosystem Services Modelling, Assessment and Management under Changing Environment

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Message from the Guest Editor

Ecosystem services are likely to be impacted in various ecological systems. This is partly due to climate change and likely to be compounded by many other factors, such as land use and land cover change, lack of robust modeling, assessment and management approach, absence of robust policy initiative. The sustained supply of ecosystem services (climate regulation, water purification, habitat provision for biodiversity, etc.) is paramount to ensure human wellbeing, and even more important in the aftermath of the current global pandemic (COVID-19). To ensure sustainable production and supply of ecosystem services, it is essential to have appropriate management strategies in place, which should be driven by robust modeling and assessment and implementable in practice at scales and times. The assessment and modeling should take into account a wide range of factors, including climate change, land use and land cover change, community perceptions, ecological interaction, diversity and tradeoffs, etc. This Special Issue aims to explore management strategies, modeling, and assessment approaches to ensure sustainable production and supply of ecosystem services in various aspects.





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