Special Issue

Social-Ecological and Ecosystem Responses to Climate Change

Message from the Guest Editors

Climate change and climate variability present unique challenges to ecosystem integrity as well as to the ecosystem services that provide a base for human livelihoods, health, and wellbeing. The impacts of climate change are already being observed in natural and social systems, with both the rate and extent of change anticipated to grow sharply in coming decades. However, the current and near-term effects of climate change on social-ecological systems are poorly understood, and this gap is particularly pronounced in underdeveloped countries where data is often unavailable. Filling that knowledge gap is critical to developing effective adaptation and mitigation strategies on both technical and policy scales. This Special Issue is particularly interested in illuminating evidence-based policy and technical measures that can limit or mitigate the deleterious effects of climate change on ecosystem structure and function, ecosystem services, as well as human health, livelihoods, wellbeing, and social cohesion.

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Message from the Editor-in-Chief

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Editor-in-Chief

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