



Management Countermeasures of Ecosystem Degradation

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Message from the Guest Editors

Dear Colleagues,

With the increasingly prominent global environmental problems and the introduction of the "Anthropocene" at the beginning of the 21st century, ecosystem degradation has become a hot topic of global change research. With natural and human-induced disturbances, the imbalanced state of ecosystems has seriously threatened the provision of ecosystem services, which are the basis of production and livelihood, and may further affect human survival and public health. The increasing risks of land use change, food security, water shortage, air pollution, soil erosion, etc., have unpredictable consequences for a series of ecosystems and social sustainability. Ecosystem degradation further leads to reductions in biodiversity and endangers human health and well-being. In the context of the new era, it is urgent to promote the cognitive and adaptive management of complex ecosystems and the building of a community of human destiny by studying the degradation processes of terrestrial, aquatic, and atmospheric ecosystems and their impacts on regional socio-economic and natural environment changes.

Guest Editors





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