Special Issue

Recent Research Progress of Vegetation Restoration and Environmental Impacts

Message from the Guest Editor

Vegetation restoration plays a vital role in improving soil structure and fertility and increasing carbon sequestration, which is one of the effective strategies to control soil erosion and alleviate climate change. During vegetation restoration, vegetation type, the chemical composition of the litter, geography and climate, soil type, and microbial community affect the litter decomposition. The trade-off between soil organic carbon input by litter decomposition and mineralization by microbes leads to carbon accumulation or emission following the vegetation restoration. Moreover, the SOC input can improve soil structure by increasing aggregate stability. The objectives of this Special Issue are to bring together contributions from different parts of the world on “Recent Research on Vegetation Restoration and Environmental Impacts” to understand better the mechanisms of vegetation restoration on ecological restoration and climate change.

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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