

Special Issue

Ecological Restoration and Soil Amelioration in Forest Ecosystem

Message from the Guest Editor

The human impact of exceeding the buffer capacity of the ecosystem prevents the ecosystem from maintaining its normal structure and function. Ecological restoration becomes a means of solving the insurmountable part of engineering technology that is governed by thermodynamic laws in dealing with environmental problems.

The international community's efforts to address climate change initially focused on mitigating greenhouse gas emissions, but today's shift to carbon neutrality is the result of the correct recognition of this ecological background. The restoration of the forest, which is the most diverse and stable among the ecosystems, is a leading part of this paradigm shift. However, forest restoration is still often in conflict between afforestation and ecological restoration. In addition, for the restored ecosystem to maximize its function, reference information that places the introduced vegetation in the optimal ecological range is important.

This Special Issue is aimed at providing case studies of ecological restoration of forests that are achieved by accepting the principle of ecological restoration beyond afforestation.

Guest Editor

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