Special Issue

Soil Erosion and Its Response to Vegetation Restoration

Message from the Guest Editor

Soil erosion is still the dominant factor of soil degradation. Although considerable efforts has been carried out, soil erosion is still threatening soil quality, food and ecological security and biodiversity, and seriously affecting the sustainable development of ecosystem. Through the large-scale implementation of ecological engineering (vegetation restoration), soil erosion in China is characterized by continuous reduction in area and intensity. The 2030 Sustainable Development Goals proposed by the United Nations emphasize strict control of land degradation to ensure food security and focus on soil and water conservation ecosystem services to promote sustainable development of terrestrial ecosystems. Therefore, it is of great significance to study the effect of vegetation restoration on soil erosion and its regulatory mechanism for the optimization of damaged ecosystem.
This Special Issue will mainly focus on new findings and better understanding of the processes, mechanisms of soil erosion drived by vegetation.

Guest Editor

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