

Special Issue

Advances in Soil Erosion Studies: Data Acquisition and Technique Application

Message from the Guest Editors

Soil erosion by water and wind, globally recognized as the main cause of land degradation, is the detachment and movement of soil material triggered by rainfall, runoff, and wind. The process may be natural or accelerated by human activity. Investigation of soil erosion, particularly in arable and forest land, is necessary to develop management strategies and to implement support practices in order to preserve soil fertility and productivity, resulting in the sustainable development of agriculture and crop production. Although conservation techniques have long been used to minimize land degradation and soil erosion through modifying erosion processes, the effectiveness of conservation measures in contributing to currently perceived sustainable development practices needs further investigation. Hence, this Special Issue welcomes original research on: (1) methods of water and wind erosion measurement; (2) modeling soil erosion and land degradation risk using new approaches; (3) the relationship between soil hydrology and soil erosion; (4) the effects of land use changes on soil erosion and sediment production; and (5) applying remote sensing and GIS for predicting soil erosion.

Guest Editors

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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

Editor-in-Chief

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