

Soil Erosion Processes and Rates in Arid and Semiarid Ecosystems

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Message from the Guest Editors

Dear Colleagues,

Soil erosion is a key process that controls biogeochemical cycles in the Earth System and is relevant when it comes to understanding land degradation processes and soil fertility. Agricultural and forestal soils sustainability is related to erosion rates, and land management should be carefully designed and implemented to achieve the United Nations' Sustainable Development Goals. The significance of soil erosion processes and rates is magnified in arid and semiarid ecosystems because of the lack of vegetation cover acting as a buffer during high-magnitude, low-frequency rainfall events. Little is known about sustainable managements in arid and semiarid environments, and this Special Issue welcomes original research on: (i) soil erosion measurements; (ii) soil erosion modeling; (iii) experimental research; (iv) assessing sustainable management in agricultural and forestal land; (v) land use changes and impact on soil erosion rates; and (vi) holistic approaches to achieve sustainable management on the urban–rural interfaces.

Land degradation processes and rates in Arid and Semiarid areas of the world.



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Message from the Editor-in-Chief

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