# Special Issue

# Soil Degradation Impacts on Soil Quality and Ecosystem Services

### Message from the Guest Editors

Soil provides irreplaceable ecosystem functions and services, such as food production, water filtration, climate and temperature regulation. Soils are continuously threatened by a series of pressures included in the broader process of land degradation, i.e., a long-term loss of ecosystem functions caused by disturbance from which land cannot recover autonomously. Erosion, organic matter decline, compaction, salinization, sealing, landslides and contamination are the main degradation processes affecting soils. This Special Issue wants aims to contribute to the research area, presenting the most relevant advances in this field related (but not limited) to the following topics:

- Use of sensors and field approaches to quantitatively assess soil degradation;
- Methods to quantify the impacts of degradation processes on soil quality, soil functions and ecosystem services;
- Spatial decision support systems as policy tools for monitoring and managing soil degradation;
- Evaluation of soil threats under climate change, land use and cover change, along with the adoption of new management practices.

### Guest Editors

Dr. Piero Manna

Prof. Dr. Simona Vingiani

Dr. Romina Lorenzetti

### Deadline for manuscript submissions

closed (30 July 2023)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/130851

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## Message from the Editor-in-Chief

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.

## Editor-in-Chief

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