

Special Issue

Soil Processes Controlling Contaminant Dynamics

Message from the Guest Editors

This Special Issue will focus on how biogeochemical, hydrological, and physical processes impact the fate and transport of both organic and inorganic contaminants in soils and sediments. We are inviting contributions, covering multiple scales (micro- to field-scale) and topics influencing contaminant dynamics, such as, but not limited to, molecular mechanisms, interfacial processes, redox processes, chemical speciation, interactions with microbial communities, soil organic matter interactions, pore scale processes, advances in analytical and experimental techniques, reactive transport, theoretical and empirical models, rhizosphere processes, soil-to-plant transfer, remediation, and restoration. Both original and review articles are welcome.

Prof. Dr. Ruben Kretzschmar

Guest Editors

Dr. Samantha Ying

Prof. Dr. Thomas Borch

Prof. Dr. Ruben Kretzschmar

Prof. Dr. Donald Sparks

Deadline for manuscript submissions

closed (1 July 2018)



Soil Systems

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 5.4



mdpi.com/si/9773

Soil Systems
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
soilsystems@mdpi.com

[mdpi.com/journal/
soilsystems](https://mdpi.com/journal/soilsystems)





Soil Systems

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 5.4



[mdpi.com/journal/
soilsystems](https://mdpi.com/journal/soilsystems)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Heike Knicker
Group of Interactions between Soils, Plants and Microorganisms,
Department of Food Biotechnology, Instituto de la Grasa (IG-CSIC),
41012 Sevilla, Spain

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), AGRIS, PubAg, GeoRef, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Soil Science) / CiteScore - Q1 (Earth-Surface Processes)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 31.6 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the first half of 2025).