

Special Issue

Integrated Systems for Elemental Geochemical Cycling and Sustainable Development

Message from the Guest Editors

Dear colleagues, we welcome your submission.

a) Focus

Special Issue: Innovative regional element cycling—cross-media ("water–soil–air") monitoring, source-to-impact quantification, smart governance. Full pollution chain: emission inventories, tracing, modeling, policy.

b) Scope

Monitoring/Quantification: Advanced assessment for multi-media heavy metals, nutrients, carbon flux (atmospheric deposition, hydrological transport, soil accumulation).

Process Mechanisms: Modeling input/output, biogeochemical cycles, cross-scale dynamics.

Governance/Sustainability: "Water–soil–air" control, smart remediation, socio-economic analysis (pollution mitigation, specialty agri).

c) Purpose

Link tech innovations (AI traceability, modeling) with sustainable governance; turn scientific insights into scalable solutions (agri safety, industrial regulation, resilience).

Guest Editors

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Deadline for manuscript submissions

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Editor-in-Chief

Prof. Dr. Steve W. Lyon

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