

## Special Issue

# Advances in Environmental Pollution Monitoring and Analytical Methods

### Message from the Guest Editors

Advances in analytical chemistry, environmental monitoring, and bioindicator-based approaches combined with ecological risk assessment have improved our understanding of contaminant sources, their transport and effects, and the potential risks to organisms and humans. Moreover, advances in analytical methodologies and new technical capabilities, such as more sensitive instruments and non-target screening, are able to detect lower concentrations and enhance the identification of a greater number of pollutants of interest. Validation of these methods in specific environmental matrices is of utmost importance to rely on the results obtained. This Special Issue aims to gather cutting-edge research that addresses the detection, quantification, and assessment of pollutants in diverse environmental matrices, including air, water, soil, and biota. We particularly welcome studies on emerging contaminants, legacy pollutants, and the integration of novel analytical methods for high-resolution monitoring. Contributions exploring spatial and temporal trends, contaminant fate and transport, and risk assessment are highly encouraged.

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### Guest Editors

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### Deadline for manuscript submissions

30 September 2026



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## Editor-in-Chief

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