

## Special Issue

# The Application and Development of Environmental Analytical Chemistry

### Message from the Guest Editor

This Special Issue focuses on advancements in environmental analytical chemistry, highlighting innovative methodologies, instrumentation, and applications for detecting and quantifying environmental contaminants. It aims to showcase research that enhances the accuracy, sensitivity, and efficiency of analytical techniques used in monitoring air, water, soil, and biological systems. Topics of interest include, but are not limited to, the following:

- Development of novel sensors, spectroscopic, chromatographic, and mass spectrometric techniques.
- Application of advanced analytical tools in environmental forensics, pollution assessment, and remediation.
- Emerging contaminants, microplastics, and persistent organic pollutants (POPs) detection.
- Chemometric and machine learning approaches for data analysis in environmental chemistry.
- Green and sustainable analytical methods for environmental monitoring.

By bridging fundamental research with practical solutions, this Special Issue aims to support global efforts in environmental protection, risk assessment, and regulatory compliance.

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### Guest Editor

Dr. Joris Meurs

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### Deadline for manuscript submissions

closed (31 March 2026)



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## Message from the Editor-in-Chief

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## Editor-in-Chief

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