

Special Issue

New Challenges in the Monitoring, Risk Assessment and Management of Pesticides and Biocides in the “One Health Era”

Message from the Guest Editor

This Special Issue aims to address novel challenges in the monitoring, risk assessment and management of pesticides and biocides, within the framework of the One Health approach, which emphasizes the interrelation of **human, animal, and environmental health**. Contributions are invited in the following areas:

- innovative **analytical methods** for detecting pesticides and biocides across manifold matrices, including food, feed, animals, human biomonitoring, environmental samples, and indicator species;
- **risk assessment and toxicological studies** that explore their impacts (e.g., endocrine disruption, carcinogenicity and effects on pollinators);
- research on new **regulatory requirements** for the renewal and approval of bioactive substances.

By uniting multidisciplinary perspectives, this Issue seeks to foster scientific advancements and policy innovations that support sustainable and health-conscious chemical management.

Guest Editor

Dr. Teresa D'Amore

Department of Food Safety, Nutrition and Veterinary Public Health,
Istituto Superiore di Sanità—National Institute of Health, Via Regina
Elena 299, 00161 Rome, Italy

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

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Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. François Gagné

Aquatic Contaminant Research Division, Environment and Climate
Change Canada, 105 McGill, Montreal, QC H2Y 2E7, Canada

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