**Call for Papers: Special Issue of Environmental Science and Pollution Research (ESPR)**

**The International Symposium on Toxicity Assessment 21 (ISTA21) is pleased to announce a Special Issue in Environmental Science and Pollution Research (ESPR) titled "Toxicity Assessment and Its Environmental/Ecological Relevance".**

We invite all ISTA21 participants to submit their research for consideration in this Special Issue.

**Submission Guidelines:**

* **Submission Period:** Opening on August 30, 2024 and close on December 30, 2024.　Please note that the submission deadline will not be extended.
* **Submission Website:** <https://www.editorialmanager.com/espr/default.aspx> Please select **"ISTA21"** from the Special Issue list when submitting your manuscript.
* **Manuscript Preparation:** All manuscripts should be prepared according to the journal guidelines: <https://www.springer.com/journal/11356/submission-guidelines>

**Review Process:**

Submitted papers will undergo a standard peer-review process in accordance with ESPR's journal policies. The final decision on publication will be made by the Editor-in-Chief. **Accepted papers will be published online soon after acceptance** and will be compiled into a Special Issue upon completion of all submissions.

**Special Issue Focus:**

This Special Issue aims to address critical issues related to toxicity assessment and its environmental/ecological relevance.

**Key Topics:**

* The impact of pollutants/contaminants (e.g., mercury, perfluorinated compounds (PFCs), micro-/nano-plastics) on the environment and biota.
* The long-term consequences of the 2011 Great East Japan Earthquake and tsunami, including the Fukushima nuclear disaster.
* Detailed studies on organisms exposed to multiple environmental factors, considering various toxicity endpoints such as behavioral alterations, carcinogenicity, and adverse reproductive effects.
* Mechanistic studies on the toxicity or mode of action of specific compounds, even at concentrations exceeding those found in the environment.
* Analysis of toxicity effects at environmentally relevant concentrations.
* Bridging the knowledge gap between laboratory and field observations, considering the limitations of extrapolating laboratory findings to real-world scenarios.
* Evaluation and elucidation of interactions between compounds of concern and other environmental factors.
* Development of methodologies for assessing population and community-level effects of pollutants/contaminants.

**ISTA21 aims to foster discussion on these unresolved and challenging issues, promoting a deeper understanding of ecotoxicological phenomena and providing valuable information for environmental policy and conservation efforts.**

We encourage you to submit your high-quality research to this Special Issue and contribute to the advancement of toxicity assessment and its ecological relevance.

**Guest editors:**

Dr. Toshihiro Horiguchi

Health and Environmental Risk Division, National Institute for Environmental Studies

Dr. Tomohiko Isobe

Health and Environmental Risk Division, National Institute for Environmental Studies

Dr. Ik-Joon Kang

School of Interdisciplinary Science and Innovation, Kyushu University

Dr. Keita Kodama

Health and Environmental Risk Division, National Institute for Environmental Studies

Dr. Gen Kume

Faculty of Fisheries, Kagoshima University

Dr. Kei Nakayama

Center for Marine Environmental Studies, Ehime University

Dr. Michio Suzuki

Department of Applied Biological Chemistry, Faculty of Agriculture, The University of Tokyo