DESCRIPTION

*Environment International* is an international, multidisciplinary Journal situated at the interface between the environment and humans. Our interest is broadly reflecting the complexity of our environment and spans sources, pathways, fate and impacts associated with air, soil, water, food, and biota and their related interactions with ecosystems and human health.

*Environment International* serves as a platform for academics, practitioners, regulators, and policy makers to share and discuss current developments and insights into how environmental processes and human activities shape and impact environmental and human health now and in the future. In doing so, it also brings forward opportunities to minimize public and environmental health risk and maximize resilience. The use of systematic review methods for environmental and human health risk assessment is also an area of focus and growth.

We encourage submission of all high quality environmentally and health focused papers, but would be specifically interested in the following subject areas:

- Integration of data and modeling to identify and characterize critical aspects of the source-exposure-health outcome continuum
- The measurement, modeling, and assessment of the impact of air quality (outdoor and indoor) in the context of human exposure and health
- The modelling, exposure and impact of chemicals of emerging concern on the environment and human health
- Etiology of environmentally induced illness and associated health effects
- Sensitive and vulnerable sub-populations, such as children, elderly, pregnant women and specific occupational groups
- Environmental modelling and model-based evaluations of climate change and/or its health impacts
- The link between ecosystem health and human health, an emerging topic of global significance
- Source apportionment, exposure, bioavailability, and biotransformation of environmental contaminants including novel and innovative approaches for bio-monitoring and environmental "omics"
- The use of systematic review methods for environmental and human health risk assessment

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Policy Analysis (commissioned only)
Correspondence and commentaries

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Environmental scientists, ecotoxicologists, environmental chemists, environmental health specialists, environmental regulators, ecologists, biologists, hydrologists, geologists, marine and atmospheric scientists.

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Environment and health: exposure and effects of chemicals in the environment; Human exposure; Human biomonitoring; Environmental sciences (e.g. biological and geochemical cycling of chemicals); Environmental analytical chemistry; Quality systems in chemical laboratories; Metrology in environmental and health studies

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Exposure and children’s health; Early life exposure and health risk; Developmental toxicology

Kurunthachalam Kannan, University at Albany, SUNY, Albany, New York, USA

Human exposure assessment and biomonitoring

Holger Koch, German Social Accident Insurance (DGUV), Bochum, Germany

Human exposure assessment; Air pollution modelling; Environmental epidemiology

Judy LaKind, LaKind Associates, LLC, Catonsville, Maryland, USA

Biomonitoring; Risk assessment; Exposure to chemicals; Systematic reviews; Data quality

Christopher Lau, U.S. Environmental Protection Agency (EPA), Research Triangle Park, North Carolina, USA

Characterizing the chemically induced reproductive toxicity and developmental toxicity during embryonic and perinatal life stages, understanding of their modes of action, and applying such information to human health risk assessment

Dan Li, Fudan University, Shanghai, China

Toxicology, genotoxicity, telomeres, PCBs, PAHs, Benzene, Quinones, mechanisms-of-action

Lena Ma, University of Florida, Gainesville, Florida, USA

Soil pollutants and health, environmental transport and fate of pollutants, risk assessment and public health, waste treatment and disposal

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Biological monitoring (Bio-monitoring); Endocrine disrupting chemicals; Human microbiome; Birth cohort; Male fertility; Biomarkers; Epigenetics; OMICS with emphasis toxicometabolomics

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Christian Sonne, Aarhus University, Roskilde, Denmark

Biological effects, environmental chemicals, infectious diseases, climate change, veterinary science, wildlife medicine, predatory mammals, raptorial birds, sea birds, fish, internal organs, reproductive organs, histopathology, morphology, skeletal system, bone density, immune system, endocrinology, PBPK modelling, blood biochemistry, implantation of PTT satellite transmitters, immobilization.

Massimo Stafoggia, Lazio Regional Health Service, Rome, Italy

Exposure assessment; analytical chemistry; Ecotoxicology; Molecular Toxicology; Environmental Monitoring; Risk Assessment; Human studies; Organic Contaminates; Flame Retardants; Urinary Biomarkers; Metabolites; Gas Chromatography-Mass Spectrometry (GC-MS); Lipid Chromatography-Mass Spectrometry (LC-MS)
Shilu Tong, Shanghai Jiao Tong University, Shanghai, China
Environmental epidemiology, climate change, planetary health, sustainable development, quantitative risk assessment, spatiotemporal modelling

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