ENVIRONMENT INTERNATIONAL

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DESCRIPTION

*Environment International* is a multi-disciplinary, Open Access journal publishing high quality and novel information within the broad field of 'Environmental Health Sciences'.

Coverage includes, but is not limited to, the following research topics:

1) Public Health and Health Impact Assessment, Environmental Epidemiology (Prof. Mark Nieuwenhuijsen)
2) Environmental Health and Risk Assessment, Environmental Chemistry (Prof. Adrian Covaci)
3) Environmental Processes, Environmental Microbiology and Toxicology (Prof. Yong-Guan Zhu)
4) Environmental Technology (Prof. Thanh Huong (Helen) Nguyen)

The journal has published before on many of the above mentioned topics, and thus they are familiar to authors, readers, reviewers and editors. In particular, the following specific topics are welcome (non-exhaustive list), as long that they have strong environmental health applicability and relevance and if they discuss "interactions between the environment and humans" in the broadest sense.

1) Public Health and Health Impact Assessment, Environmental Epidemiology (Prof. Mark Nieuwenhuijsen)

The section overseen by Prof. Nieuwenhuijsen covers novel topics related to the exposure assessment and epidemiology of indoor and outdoor air quality, noise, green space, temperature and other environmental exposures, the assessment and health effect of urban and transport planning and the built environment. We also welcome innovative research on women, children, migrants and the elderly as specific and vulnerable sub-populations. Other topics of interest relate to the health implications and impacts of climate change with specific reference to sustainable development, including planetary health and urban health.

2) Environmental Health and Risk Assessment, Environmental Chemistry (Prof. Adrian Covaci)

The section overseen by Prof. Covaci covers novel topics related to the assessment, modelling and impact of chemicals of emerging concern on human exposure and human exposome in general, which are important in environmental and health risk assessment. We also welcome novel and innovative approaches for human biomonitoring, human exposome and environmental "omics", for a broad range of Persistent Organic Pollutants, Endocrine Disruptors and Emerging Contaminants, including microplastics. These tools are pivotal for the correct evaluation of source apportionment, exposure, fate, bioavailability, and biotransformation of environmental and food contaminants. We are also
interested in innovative papers investigating the link between ecosystem health and human health and their input on chemicals policy and regulation. We strongly encourage the submission of systematic reviews related to environmental and human health risk assessment.

3) Environmental Processes, Environmental Microbiology and Toxicology (Prof. Yong-Guan Zhu)
The section overseen by Prof. Zhu covers environmental processes, ecotoxicology and environmental microbiology in the context of human and environmental health. We welcome novel and innovative research submissions addressing biogeochemical processes in terrestrial and aquatic ecosystems, and their influence on the status and fate of contaminants. We also cover novel areas of toxicological studies, particularly on molecular mechanisms of emerging contaminants and population dynamics under contamination. We also welcome innovative and novel topics on environmental microbiology, addressing fundamental interactions between environmental conditions and microorganisms, with ecological and molecular mechanisms, in the context of human and environmental health.

4) Environmental Technology (Prof. Thanh Huong (Helen) Nguyen)
The Environmental Technology section, overseen by Prof. Nguyen, responds to increasing attention on technological solutions which will lead to an improvement of our environmental health and quality of life in general. We are particularly interested in interdisciplinary research that connects environmental technologies to public and environmental health, resource recovery, social economics, and sustainability. We consider innovative research on, but not limited to: technologies for minimizing and treating contaminants, and/or maximizing recovery of valuable resources from wastes such as energy, nutrients, and water; technologies for sensing and monitoring the quality of water, air, and other environmental compartments; and technologies for analyzing emerging contaminants via chemical and microbiological methods. We welcome both applied and fundamental research that develops novel and innovative technologies with a strong environmental application potential, that address key limitations of existing technologies, and/or demonstrate technologies in the real world using methods with strong scientific merit.

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

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Co-Editors-in-Chief
Adrian Covaci, University of Antwerp Toxicological Centre, Wilrijk, Belgium
Environmental Chemistry & Health, Risk Assessment; Human health effects; Biomarkers; Food safety; Biomonitoring; Indoor pollution; Emerging contaminants; Legacy contaminants; Wastewater epidemiology

Thanh Huong (Helen) Nguyen, University of Illinois at Urbana-Champaign, Champaign, Illinois, United States of America
Water and food safety, Disinfection, Water distribution system, Hydroponics, Aquaponics

Mark Nieuwenhuijsen, Centre for Research in Environmental Epidemiology, Barcelona, Spain
Public Health, Environmental Epidemiology & Health Impact Assessment; Environmental exposure assessment; Health impact assessment; Air pollution; Green space; Noise; Temperature; Built environment

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Special Issue Editor
Da Chen, Jinan University, Guangzhou, China

Associate Editors

Environmental Chemistry & Health, Risk Assessment

Lesa L. Aylward, Summit Toxicology LLP Falls Church, Falls Church, Virginia, United States of America
Research Interests: Human biomonitoring; environmental epidemiology; exposure; risk assessment

Olga-Ioanna Kalantzi, University of the Aegean, Mytilini, Greece
Environmental Health, Human exposure to pollutants, Environmental Chemistry, Environmental Toxicology, Maternal and children's health

Martí Nadal, Pere Virgili Health Research Institute Laboratory Toxicology and Environmental Health, Reus, Spain
Heavy metals, Persistent Organic Pollutants, Polycyclic aromatic hydrocarbons, Emerging Pollutants, Human exposure, Health risk assessment, Waste management, Food toxicology, Dietary intake, Environmental monitoring, In-silico tools, Environmental toxicology

Shoji F. Nakayama, National Institute for Environmental Studies, Japan Environment and Children's Study Programme Office, Tsukuba, Japan
Research Interests: Public health, Environmental health, Children's environmental health, Biomonitoring, Exposome, Contaminants of emerging concern, Perfluoroalkyl substances (PFAS)

Heather Stapleton, Duke University, Durham, North Carolina, United States of America
Environmental Chemistry, Human Exposure, Children's Environmental Health, Metabolism and Biotransformation, Halogenated Persistent Pollutants, Endocrine Disruptors, Flame Retardant Use & Exposure, In Vitro Assays for Thyroid Disruption.

Environmental Processes, Quality, Toxicology & Microbiology

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Environmental geochemistry, Heavy metals, Environmental monitoring, Health risk assessment, Food safety, Soil pollution, Waste management, Environmental transport and fate of pollutants, Waste treatment and disposal

Frederic Coulon, Cranfield University, Cranfield, Bedford, United Kingdom
Environmental Pollution and Remediation, Water-Soil-Waste System Engineering and Modelling, Risk Management, Environmental Biotechnology, Analytical chemistry, Environmental Sciences & Ecology, Polar environments, Bioaerosols, Hazardous waste management

Environmental Technology

Guo-Ping Sheng, University of Science and Technology of China, Hefei, China
Biological wastewater treatment, Water reuse technique

Public Health, Environmental Epidemiology & Health Impact Assessment

Hanna Boogaard, Health Effects Institute, Boston, Massachusetts, United States of America
Air pollution epidemiology; Exposure assessment; Accountability research; Systematic reviews

Zorana Jovanovic Andersen, University of Copenhagen, Copenhagen, Denmark
Environmental epidemiology; Health effects related to air pollution exposure; Health effects related to road traffic noise exposure; Health effects related to wind turbine noise exposure; Health effects of green and blue spaces

Xavier Querol, Institute of Environmental Assessment and Water Research, Barcelona, Spain
Environmental geochemistry; Air quality; Atmospheric aerosols; Tropospheric ozone; Black carbon; Ultrafine particles; Metals; Organic pollutants; Inorganic gaseous pollutants, NO2, NO, NOx, SO2, SO3, CO, NH3; Source apportionment; Urban and regional pollution; Atmosphere and climate change; Air quality policy; Mobile, industrial, domestic and agricultural emissions of air pollutants; Leaching of industrial wastes; Impact of mining on environment; Recycling of industrial wastes; Coal use related pollution

**Associate Editors – Systematic Reviews**

**Nicolas Roth**, Swiss Centre for Applied Human Toxicology, Basel, Switzerland  
Toxicology, Regulatory toxicology, Risk assessment, Environmental health, Heavy metals, Persistent organic pollutants, Phthalates, Data quality assessment, Weight-of-evidence, Systematic reviews, Evidence-based methods.

**Paul Whaley**, Lancaster University, Lancaster, United Kingdom  
Systematic review; Evidence mapping; Machine learning; Chemical risk assessment; Research standards

**Editorial Board**

**Sara Adar**, University of Michigan, Ann Arbor, Michigan, United States of America  
Air pollution; Particulate matter; Environmental epidemiology; Exposure assessment; Cardiovascular disease

**Yu Ait Bamai**, Hokkaido University, Sapporo, Japan  
Environmental Epidemiology, Emerging Environmental Contaminants (Plasticizers, Flame retardants, Phenols, and PFAS), Human Biomonitoring and Exposure Assessments, Children’s Health, Indoor Environments and Health

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Open-culture biotechnology, Power-to-gas, Anaerobic fermentation, Extracellular electron transfer, Boelectrochemical systems, Chain elongation, Syngas fermentation, Caproic acid, Caprylic acid, Carboxylate platform

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Environmental Health; Exposure and Risk Assessment; Birth ohort; Environmental Chemicals (POPs, Phthalates, bisphenols); SNPs and epigenetics; Indoor Environment

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Environmental Chemistry, Risk Assessment, Human exposure, Exposure assessment, Human health effects, Biomarkers, Food safety, Human biomonitoring, Indoor and outdoor pollution, Emerging contaminants, Legacy contaminants, Wastewater epidemiology, Aquaculture chemistry, Raptors Biomonitoring, Mammals Biomonitoring, Maternal and children's health

**Richard Atkinson**, St George's University of London, London, United Kingdom  
Air pollution epidemiology; Cohort studies; Time series studies; Systematic review; Meta-analysis; Medical statistics

**Damià Barceló**, Institute of Environmental Assessment and Water Research, Barcelona, Spain  
Environmental analysis, Water and soil quality, Organic mass spectrometry, Emerging organic contaminants, Nanomaterials, Biosensors for, Analysis, Fate and Risk of Emerging Pollutants such as Pharmaceuticals and Nanomaterials in the Environment Water Pollution Control and Protection Bridging analytical chemistry with ecotoxicology- toxicity identification, Evaluation techniques used, GC and LC tandem MS, biosensors, sample preparation, automated on-line techniques for water analysis environmental samples (water, including marine waters, sediments soils, biota samples)

**Linda Birnbaum**, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, United States of America  
Environmental Toxicology, Dioxin, Endocrine Disruptors, BPAs, Flame Retardants

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Marine ecotoxicology, trace metal biogeochemistry, marine pollution, nanotoxicity, pharmaceuticals, emerging pollutants

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Research Interests, Environmental Epidemiology, Reproductive Epidemiology, Endocrine Disruptors

**Bin Cao**, Nanyang Technological University School of Civil and Environmental Engineering, Singapore, Singapore  
Biofilms, Environmental Biotechnology, Environmental Microbiology

**Andrea Capodaglio**, University of Pavia, Pavia, Italy  
Membrane bioreactors, Microbial Fuel Cells, Microbial Electrolytic Cells, Radiolysis, AORPs, Sustainabilly, Decentralized Wastewater Treatment, Resources Recovery, Energy Recovery, Nutrients Recovery

**Nicole Cardello Deziel**, Yale University School of Public Health, New Haven, Connecticut, United States of America
Exposure Science (environmental measurements, biomonitoring, geospatial models); pesticides; persistent organic pollutants; hydraulic fracturing

Corinne Charlier, CHU de Liege - Hospital Sart Tilman, Liege, Belgium

Kyungho Choi, Seoul National University Graduate School of Public Health, Seoul, South Korea

Research Interests: Environmental Toxicology, Endocrine Disruption, Thyroid Hormones, Phenolics, Personal Care Products

Qihong Deng, Zhengzhou University, School of Public Health, Zhengzhou, China

Fetal origin of diseases, Air pollutants, Prenatal exposure, Children's health, Healthy buildings/cities, Indoor air quality, Childhood allergic diseases, Global warming

Guang-Hui Dong, Sun Yat-Sen University, Guangzhou, China

Environmental Health, Epidemiology, POPs, Risk Assessment, Toxicology

José G. Dórea, University of Brasilia, Brasilia, Brazil

Environmental exposure to Toxic metals, Children, Mercury, Lead, Fish, Human milk

Carlos Dosoretz, Technion Israel Institute of Technology, Haifa, Israel

Advanced wastewater treatment and reuse, Effluents desalination, Biofouling, Micropollutants removal, Microbial degradation of toxic organic compounds

Angel Dzhambov, Medical University of Plovdiv, Plovdiv, Bulgaria

Environmental and occupational noise, Natural outdoor environments and health, Green and blue spaces and health

Igor Eulaers, Norwegian Polar Institute, Tromsø, Norway

Multiple stressor ecology and ecotoxicology, food web and ecosystem natural and contaminant dynamics, population and ecosystem effects of anthropogenic stressors, biomonitoring and sentinel species, multiple stressor and ecological risk assessment, system and spatiotemporal dynamics.

Mingliang Fang, Nanyang Technological University, Singapore, Singapore

Metabolomics, Risk Assessment, Environmental Analytical Chemistry, Gut microbiome, Biomarkers, Exosome, Mixture Effect, Non-targeted identification

Xiaoqi Feng, University of New South Wales, Sydney, New South Wales, Australia

Health impacts of built environment, Green space, Climate change, Environmental change, Urbanisation.

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Organic toxic substances in agro-environments

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Environmental Epidemiology, Global Environmental Health, Air Pollution, Climate Change, Exposure Assessment, Biostatistics

Bo Hang, E O Lawrence Berkeley National Laboratory, Berkeley, California, United States of America

DNA damage and repair, environmental mutagens and carcinogens, environmental mutagenesis and carcinogenesis, cancer biomarkers (prognostic/predictive), mouse models, thirdhand smoke

Stuart Harrad, University of Birmingham, Birmingham, United Kingdom

Persistent organic pollutants (POPs), polychlorinated biphenyls (PCBs), organophosphorus flame retardants (OPFRs), polychlorinated diphenyl ethers (PBDEs), perfluorinated substances (PFSs), hexabromocyclododecanes (HBCDs), “novel” brominated flame retardants (NBFRs), dioxins, assessment of human exposure, The significance of indoor contamination, The exploitation of the chiral properties of POPs to provide new insights into their sources, environmental fate and behaviour

Zhen (Jason) He, Washington University in St. Louis, Department of Energy, Environmental and Chemical Engineering, St. Louis, Missouri, United States of America

Water pollution and treatment, Environmental biotechnology, Resource recovery from wastes, Bioelectrochemical systems, Bioenergy, Membrane technology, Bioremediation, Desalination

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Exposure assessment; Air pollution modelling; Environmental epidemiology

Kate Hoffman, Duke University, Durham, North Carolina, United States of America

Environmental Epidemiology, Human Exposure, Children's Environmental Health, Flame Retardant Use & , Exposure, Growth and Obesity, Birth Outcomes, Immune Development and Function

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Research Interests: Air pollution, noise, cardiovascular diseases, metabolic and neurocognitive impairment

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Radionuclides, essential and potentially toxic elements metals, speciation, mercury, environment and health, biogeochemistry, marine environment, metrology contaminated sites, food contaminants, ,

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Resource Recovery, Solid Waste, Biological wastewater treatment, Bio-hydrometallurgy, Anaerobic Digestion, Biogeochemistry, Critical Elements
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Environmental biotechnology, Environmental health, Sewage epidemiology, Micropollutants, Wastewater processes

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Water quality, Health, Forecasting, Water resources, Remote sensing, Statistical modelling, Climate change, Infectious disease

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Human biomonitoring; Exposure assessment; Emerging contaminants

Holger Koch, Institute for Prevention and Occupational Medicine of the German Social Accident Insurance, Bochum, Germany
Human-Biomonitoring, Exposure Assessment, Risk Assessment, Endocrine Disruptors, Analytical Methods.

Judy LaKind, LaKind Associates LLC, Catonsville, Maryland, United States of America
Biomonitoring, Risk assessment, Exposure to chemicals, Systematic reviews, Data quality

Christopher Lau, US Environmental Protection Agency, Washington, District of Columbia, United States of America
Developmental toxicology, birth defects research, developmental origins of health and diseases

Robert Letcher, Environment and Climate Change Canada, Downsview, Ontario, Canada
Analytical chemistry and method development, and environmental and forensic chemistry of established (“legacy”) and emerging organic contaminants in wildlife and fish Bioaccumulation, fate and trophodynamics of established and emerging contaminants and metabolites in wildlife (e.g., top predators), food webs, and aquatic ecosystems (e.g., Arctic and Great Lakes). Mechanistic and comparative biotransformation and pharmaco(toxico)kinetics of contaminants in wildlife and fish. Species-specific, contaminant-mediated enzyme induction and associated contaminant metabolism and mechanisms. Species- and ecosystem-specific ecotoxicology and effects of contaminant and metabolite exposure (e.g., endocrine disruption) and assessments.

Dan Li, Fudan University, Shanghai, China
Emerging contaminants and degradation, Environmental chemistry, Ecotoxicology, Human biomonitoring and health outcomes

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Emerging contaminants and degradation, Environmental chemistry, Ecotoxicology, Human biomonitoring and health outcomes

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Air pollution and human health, Climate change and human health, Infectious disease epidemiology

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Biogeochemistry of trace metals in soils, wastes, and plants; Soil contamination and remediation; Metal bioavailability and bioaccessibility; Metal exposure and human health; Plant metal uptake and transport

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Persistent organic pollutants (POPs); Bioaccumulation; atmosphere; Sediment; Environmental fate and transfer; Exposure and risk assessment

Konstantinos C. Makris, Cyprus University of Technology Cyprus International Institute for Environmental and Public Health, Lemesos, Cyprus
Human exposome, environmental health, non-pharmacological trials, metabolomics

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Urban air quality; Human and environmental exposures; Green spaces and their health impacts

Lidia Minguez-Alarcon, Harvard University T H Chan School of Public Health, Boston, Massachusetts, United States of America
Endocrine Disrupting Chemicals; Interactions diet-chemicals; Environmental mixtures; Environmental epidemiology; Reproductive epidemiology; Male infertility

Luke Naeher, The University of Georgia, Athens, Georgia, United States of America
Diffuse microbial pollution from agriculture; modelling & decision support in environmental systems; fate & transfer of human pathogens; recreational water quality

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Environmental biotechnology; Bioprocess engineering; Wastewater treatment; Anaerobic digestion; Biotransformation; Bioremediation; Bioenergy and biofuels; Bioelectrochemical systems; Kinetics and modelling

Nuno Ratola, University of Porto, Porto, Portugal
Environmental presence and behaviour of legacy and emerging organic contaminants; Biomonitoring and chemical transport of chemicals; Advanced analytical techniques of extraction and quantification; Field sampling campaigns and sample handling protocols; Exposure assessment and prioritisation of relevant compounds; Climate change scenarios
Benoit Roig, University of Nimes, Nimes, France

Ivan Rusyn, Texas A&M University Department of Veterinary Integrative Biosciences, College Station, Texas, United States of America

New approach methods (NAMs), Tissue chip, In vitro toxicology models, Regulatory science

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Molecular epidemiology, Genomic epidemiology, RNA viruses, bioinformatics, public health surveillance, influenza

Heqing Shen, Institute of Urban Environment Chinese Academy of Sciences, Xiamen, China

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

Luis Felipe Silva Oliveira, University Corporation of the Coast Department of Civil and Environmental Engineering, Barranquilla, Colombia

Nanothechnology in Real Samples (in special nanominerals and advanced electron bean), Soil and water researches, Atmosphere impacts (in special particulate matter)

Christian Sonne, Aarhus University Department of Environmental Science, Roskilde, Denmark

Biological effects, environmental chemicals, infectious diseases, climate change, veterinary science, wildlife medicine, predatory mammals, raptor 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, Local Health Authority Rome 1 Department of Epidemiology, Rome, Italy

Exposure assessment; statistical methods; air pollution; epidemiology; study design

Ashlynn S. Stillwell, University of Illinois at Urbana-Champaign, Champaign, Illinois, United States of America

Water resources; Energy systems; Policy; Urban water; Sustainability

Nico M. van Straalen, VU Amsterdam, Amsterdam, Netherlands

Guanyong Su, Nanjing University of Science and Technology, Nanjing, China

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)

Shengzhi Sun, Boston University School of Public Health, Boston, Massachusetts, United States of America

Environmental Health, Environmental Epidemiology, Air Pollution, Climate Change, Climate Hazards, Risk Assessment

Phong K. Thai, The University of Queensland Queensland Alliance for Environmental Health Sciences, Woolloongabba, Queensland, Australia

Wastewater analysis; Water quality; Air quality; Air pollution; Environmental monitoring; Environmental health

Shilu Tong, Shanghai Jiao Tong University - Fahua Campus, Shanghai, China

Environmental epidemiology, climate change, planetary health, sustainable development, quantitative risk assessment, spatiotemporal modelling

Angel del Valls, University of Cadiz, Cadiz, Spain

Marc-Andre Verner, University of Montreal, Montreal, Quebec, Canada

Exposure assessment, pharmacokinetic modeling, environmental epidemiology, persistent organic pollutants, risk assessment

Mar Viana, Institute of Environmental Assessment and Water Research, Barcelona, Spain

Indoor and outdoor air pollution, air quality, impacts on health, burden of disease, incidental and engineered nanoparticles, ultrafine particles, personal exposure, workplace exposure, industrial workplaces, mitigation strategies, environmental policy, source apportionment, sensor technologies

Jun Wu, University of California Irvine, Irvine, California, United States of America

Yankai XIA, Nanjing University, Nanjing, China

Environmental Health, Environmental Toxicology, Human Biomonitoring and Exposure Assessments, Exposure and Risk Assessment, Birth Cohort, Mechanism of Reproductive Toxicity

Zuxin Xu, Tongji University, Shanghai, China

Modelling & decision support in environmental systems, Urban and regional water quality, Water pollution control of river system, Urban sewage system planning, Aquatic Ecosystem management

Yunjian Ju, South China Institute of Environmental Sciences, Guangzhou, China

Environmental occurrence and fate of emerging contaminants, Ecological toxicity of pollutants, Health risk assessment of chemicals

Zhiguo Yuan, The University of Queensland Advanced Water Management Centre, St.Lucia, Queensland, Australia

Wastewater, Sewer, Resource recovery, Modelling, control

Kai Zhang, The University of Texas Health Science Center at Houston Department of Epidemiology Human Genetics and Environmental Sciences, Houston, Texas, United States of America
Air quality; Built Environment; Climate Change and Health; Environmental and Occupational Epidemiology; Exposure assessment; Exposome; GIS; Urban Health; Statistics

Yinping Zhang, Tsinghua University, Beijing, China
GUIDE FOR AUTHORS

Your Paper Your Way
We now differentiate between the requirements for new and revised submissions. You may choose to submit your manuscript as a single Word or PDF file to be used in the refereeing process. Only when your paper is at the revision stage, will you be requested to put your paper in to a 'correct format' for acceptance and provide the items required for the publication of your article. To find out more, please visit the Preparation section below.

Types of paper
No single format can accommodate all useful contributions to this journal. Five formats are offered, two of which (Reviews and New Developments), fall within the Progress in Environmental Science reviews section:

1. Editorial articles are published by the Editor-in-Chief or other Editors, members of the Editorial Board or invited Guest Editors. These focus attention on contemporary important environmental issues and are designed to stimulate debate and discussion.

2. Research Articles are up-to-date, original papers that present developments in any environmental scientific field. Informative abstracts are required and articles must be fully referenced. Criteria for publication are weighted toward scientific quality and environmental significance. The manuscript will be evaluated on the basis of its conciseness, clarity, and presentation. The work will be assessed according to its originality, scientific merit, and experimental design. Poorly written manuscripts will be returned to the authors with a request to improve the quality of the paper prior to peer review.

3. Correspondence is encouraged. Opinions, perspectives and insight on articles published in Environment International are very welcome.

4. Reviews represent articles that distill recent developments and discuss trends in a particular field of research. They may be of a broader nature than Research Articles, providing accounts of specific fields of interest in relevant research areas related to our Aims and Scope. Authors are encouraged to write in a clear and simple manner so that the article is understandable to readers from a broad cross section of disciplines. On average, a text length (excluding references) of approximately 8000 words is advised and brevity is encouraged. Prospective authors should contact the relevant Editors-in-Chief in the first instance to discuss the suitability of proposed topics. Review articles should not be case studies, nor reporting of personal research.

5. Systematic reviews provide a comprehensive summary and critical appraisal of existing evidence. They relate to answering a research question, and are conducted using methods which seek to minimize risk of bias in results and conclusions. A systematic review may include a meta-analysis, which uses statistical techniques to pool the results of multiple individual studies into a combined summary result. Environment International does not accept meta-analyses which do not critically appraise the included evidence. While there is no word or figure limit on systematic reviews, they should be as concise as possible to function effectively as summaries of the evidence. Authors are encouraged to make full use of supplemental information in submitting manuscripts. Please consult the detailed Guidance notes for authors of systematic reviews.

6. New Developments are short articles presenting the latest developments in scientific, technological and policy developments. On average, a text length (excluding references) of about 3000 words is required. Abstracts are not included in these short articles. Please note that submissions to this article type have to be made as Short review. Readers are encouraged to suggest subjects for inclusion in this section. Since the journal will serve a multidisciplinary audience, authors are urged to write for non-specialists. In particular, they are discouraged from using expressions that are comprehensible only to a select audience.

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• Referee suggestions and contact details provided, based on journal requirements

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Author contributions
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