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**DESCRIPTION**

*Environmental Research* publishes original reports describing studies of the adverse effects of environmental agents on humans and animals. The principal aim of the journal is to assess the impact of chemicals and microbiological pollutants on human health. Both *in vivo* and *in vitro* studies, focused on defining the etiology of environmentally induced illness and to increase understanding of the mechanisms by which environmental agents cause disease, are especially welcome. Investigations on the effects of global warming/climate change on the environment and public health, as well as those focused on the effects of anthropogenic activities on climate change are also of particular interest.

Although *Environmental Research* is opened to all subjects directly related with this field, areas of special interest include:

- Air, soil, and water pollutants and health
- Biomonitoring and adverse human health effects
- Environmental and occupational medicine
- Environmental epidemiology
- Environmental microbiology
- Environmental toxicology
- Environmental transport and fate of pollutants
- Global warming/climate change
- Nanomaterials in the environment and nanotoxicology
- Risk analysis, risk assessment and risk management, and public health
- Waste treatment and disposal
- Water and wastewater management, and sewage

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**ABSTRACTING AND INDEXING**

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Exposure assessment; Air pollution modelling; Environmental epidemiology

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VOC; Odor; Air quality; MOF; Sensing; Removal; Synthesis

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Molecular mechanisms of antioxidant activity of antioxidants, oxidative stress and exercise, markers of redox status in human, biofunctional food development

Duk-Hee Lee, Kyungpook National University, Daegu, The Republic of Korea
Epidemiology, Cohort study, Case-control study, Persistent Organic Pollutants, Organochlorine pesticides, Polychlorinated biphenyls, Endocrine disrupting chemicals, Chemical mixtures, Methodological issues in human studies, Obesity, Diabetes, Cardiovascular diseases, Cancer, Dementia

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Xavier Querol, Consejo Superior de Investigaciones Científicas (CSIC), 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

**Mineshi Sakamoto**, National Institute for Minamata Disease, Kumamoto, Japan

**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.

**Jordi Sunyer**, CREAL, Barcelona, Spain

**Leisa-Maree Toms**, Queensland University of Technology, Kelvin Grove, Queensland, Australia

**Shilu Tong**, Shanghai Jiao Tong University, Shanghai, China

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

**Paul Villeneuve**, Carleton University, Ottawa, Ontario, Canada

**Mary Wolff**, Mount Sinai School of Medicine, New York, New York, USA

**Kai Zhang**, University of Texas Health Science Center at Houston (UTHealth), Houston, Texas, USA

Air quality; Built Environment; Climate Change and Health; Environmental and Occupational Epidemiology; Exposure assessment; Exposome; GIS; Urban Health; Statistics
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INTRODUCTION
A Multidisciplinary Journal of Environmental Sciences, Ecology, and Public Health

Environmental Research: A Multidisciplinary Journal of Environmental Sciences, Ecology, and Public Health publishes original reports describing studies of the toxic effects of environmental agents and conditions in humans and animals, including both experimental subjects and ecosystems. The principal aims of the journal are to increase understanding of the etiology of preventable disease and environmental impairments, and to increase understanding of the mechanisms by which environmental agents cause disease and ecological effects. Human impact on the biosphere is considerable and, thus, an additional aim of the journal is to explore the means by which the adverse effects of anthropocentric activities can be minimized through new initiatives or changes in policy, at the local, regional, national, and international scales.

The study of environmental health is inherently multidisciplinary and international. Therefore, the journal welcomes relevant articles in epidemiology, risk analysis and policy, environmental medicine, exposure assessment, geosciences and environmental chemistry, and wildlife biology and ecotoxicology, and ecology. Reports that bridge one or more of these disciplines are particularly encouraged, as are studies employing biological markers of exposure and/or effect.

The focus of the journal generally excludes papers that report results of toxicology studies or industrial exposures, unless these papers have clear relevance to environmental topics. The journal does not generally consider reports of a specific site or source (such as an assessment of releases or environmental contamination) unless these reports present novel or generalizable information. However, short papers can be submitted to the Journal as a "Case Report" (see below). Papers reporting on studies of human subjects must provide written assurance that the research was reviewed and approved by an appropriate institutional review board (or ethics committee) for the protection of human subjects. Environmental Research, in common with international practice in science, requires that all authors must, in denoting measures, utilize the metric system and SI derived units (e.g., degrees Centigrade rather than Fahrenheit; Click here.

Reports from the Field
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**NEW SUBMISSIONS**

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