

Special Issue

Wetland Ecology: Principles and Conservation

Message from the Guest Editors

Wetlands, natural or artificial, play an important role in maintaining ecological service functions, which more than a billion people depend on, and are thus of great value. They face several challenges, related not only with climate change, but also with their misuse, as well as the increasing pressures related to population increase, pollution, and land reclamation. Wetland degradation has the potential to influence human health, biodiversity, and local climate, whereby ecological security may also be jeopardized. This is a global problem that ravages rural and urban territories. This Special Issue aims to disseminate important findings and share innovative ideas in this field of expertise. The submissions should cover the latest research related to natural and artificial wetland dynamics in terms of pollution abatement, water quality, the presence of contaminants of emerging concern (CECs), and public health related issues, including microbial pathogens and pollutant pathways. Furthermore, special emphasis will also be given to wetland restoration and conservation, and ecosystem services and their use as tools for climate change adaptation and mitigation.

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Deadline for manuscript submissions

closed (28 February 2023)



International Journal of Environmental Research and Public Health

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*International Journal of
Environmental Research and
Public Health*

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Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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