

Special Issue

Water Reuse Applications and Public Health

Message from the Guest Editor

The availability and accessibility of good quality water for all is SDG 6 (Clean Water and Sanitation) of the Sustainable Development Goals of the 2030 Agenda for Sustainable Development. Water resource sustainability is largely dependent on rational water use and reuse.

To date, the most known risks associated with civil waste reuse are infection, concern for irrigated product consumption and occupational exposure. Pathogenic microorganisms are present in urban sewage at very high concentrations. Moreover, an enormous variety of potentially harmful substances are present in the sewage, such as nutrient and toxic substances including heavy metals and the so-called "compounds of emerging concern" (CECs). Unfortunately, the regulation of reuse waters is very uneven—in some countries it is non-existent and in others very restrictive. Therefore, the reuse of waste water is a challenge that can result beneficial only if all aspects are dealt with accordingly and accompanied by effective communication of the risks. This Special Issue of the IJERPH focuses on the current state of knowledge of the links between water reuse and human health.

Guest Editor

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed 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 journal.

Editor-in-Chief

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