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Solar Water Disinfection

Guest Editor:

Message from the Guest Editor

Dr. Marta Vivar García Universidad de Jaen, Jaen, Spain

Deadline for manuscript submissions: closed (30 November 2021) Dear Colleagues,

Solar water disinfection (SODIS) is one of the emerging water technologies that can be used widely to treat water at low cost, especially in rural areas of developing countries.

Potential topics include but are not limited to the following:

- Efficacy of solar water disinfection against highly resistant environmental bacteria strains such as *Clostridium perfringens*.
- User acceptance in real case experiences using solar water disinfection as the main method for drinking water treatment (long-term).
- Low-cost sensors that detect complete water disinfection.
- Application of solar water disinfection to wastewater treatment plants, potential problems, and issues when directly treating the effluent.
- Hybridization with other technologies to overcome the climatic dependence (i.e., how to combine methods to guarantee water treatment on cloudy days).
- Pre-treatment required for solar water disinfection.
- Management of plastic waste when using PET bottles for SODIS in areas where recycling is not implemented.

Idssue

For further reading, place visit the **Special Issue Website**.



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Editor-in-Chief

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. Water invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision

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