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## Advanced Technologies for Centralized Water and Wastewater Treatment

Guest Editors:

**Dr. Madhumita Ray**

Department of Chemical and Biochemical Engineering,  
Western University, London, ON,  
Canada

**Dr. Siva Sarathy**

Trojan Technologies, London,  
ON, Canada

**Dr. Pankaj Chowdhury**

Trojan Technologies London, ON,  
Canada/Department of Chemical  
and Biochemical Engineering,  
Western University, London, ON,  
Canada

Deadline for manuscript  
submissions:

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### Message from the Guest Editors

Currently, about 55% of the world's population lives in urban areas or cities, and this figure is expected to rise to 70% in the coming decades. This high density of human activity warrants the need for large, centralized facilities for water and wastewater treatment, in order to take maximum advantage of economies of scale. Aging infrastructure, population growth, and climate change are major drivers forcing municipalities to upgrade, expand, or replace existing centralized water and wastewater treatment facilities with smaller energy, carbon, and water footprints. In addition, increasingly, wastewater treatment facilities are required to recover resources such as nutrient, energy, organics, and metals from wastewater.

This Special Issue is focused on bringing together innovative developments, technologies, and solutions in the field of centralized water and wastewater treatment.



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## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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