

Special Issue

Advanced Technologies and Process Optimizations of Wastewater Treatment

Message from the Guest Editor

For the development of new water treatment technologies in the future, we should focus on green, low-carbon treatment technologies, including water resource recycling and recycling of pollution matter as a reusable resource. We should not produce new or toxicological substances in the process of water treatment, such as in the coagulation process or some processes using fixed nanoparticles or recyclable nanoparticles. Moreover, these technologies can be applied rapidly to the actual treatment plants to bring real benefits to people. For the natural environment, we should try to form a closed-loop state of material in the processes of human production, consumption, reproduction, and re-consumption. In this process, the total material and energy discharged over a long period should always be within the range that the natural environment can accept, so that human beings can truly form a harmonious and unified integration with nature.

Guest Editor

Dr. Qunshan Wei

College of Environmental Science and Engineering, Donghua University, Shanghai 201620, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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