



Innovations in Sewage Treatment Focused on Global Environmental Challenges

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Message from the Guest Editors

Wastewater treatment (domestic, industrial, hospital) is one of the most important environmental technologies. Today's water treatment technologies must be considered from the perspective of the big picture, horizontal and vertical comprehensiveness: origin and transport of wastewater, purification, reuse, inclusion in water receivers, distribution of volatile pollutants and odors in the air, and carbon dioxide emissions. Particular attention is paid to the control of those hazards that remain after treatment and pass into the water receivers, or remain in the water for reuse and damage human health and greatly reduce biodiversity. Significant emphasis is placed on deep (solving problems at the micro- and nano-level) and high technologies and biotechnologies (including modern analytical systems, biosensors, microchips, specialized software, and artificial intelligence) for solving the above-mentioned global problems.

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Message from the Editor-in-Chief

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