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## Microbial Ecology of Full-Scale Wastewater Treatment Systems

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Deadline for manuscript submissions:

**closed (30 June 2020)**

### Message from the Guest Editors

The rapid development of techniques for the analysis of microbial community structures enables us to better understand many microbial systems (e.g., wastewater treatment processes). These molecular biology-based methods (e.g., studies of DNA, RNA, and proteins) provide a high resolution of information compared to traditional ways of studying wastewater with microscopic examination and culture-based methods. In this way, a comprehensive understanding of qualitative, quantitative, and microorganism population dynamics will improve wastewater treatment efficiency and process stability. Moreover, various bioinformatic tools have been developed to categorize bacterial functions within the systems. The use of these techniques has opened our eyes to the complexity of our full-scale wastewater treatment systems and the variations in time and space, and between geographical regions of their microbial community.



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**Special** issue



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## Message from the Editor-in-Chief

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