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Water Environment Research Open Access Article Explores Benefits of Metagenomic Analysis

ALEXANDRIA, Va. – The open access article in the March 2018 issue of *Water Environment Research (WER)* discusses the ways metagenomic analysis aids the study of microbial populations at wastewater treatment plants.

"In this open access paper, Rosso et al. utilized metagenomic analysis (MGA) to characterize the microbial community of an activated sludge plant experiencing a foaming incident and compared those results to a database from seven other healthy activated sludge systems," *WER* Editor-in-Chief Tim Ellis said. "They were able to identify the populations potentially responsible for the upset. The authors propose that MGA can be used as a relatively inexpensive tool for characterizing microbial populations in an effort to improve wastewater treatment plant operations."

Selected *WER* articles such as this one are available free to the public on a monthly basis through an open access program. In addition, authors can pay a fee to make their accepted articles open access. Click here to download "Tools for Metagenomic Analysis at Wastewater Treatment Plants: Application to a Foaming Episode" by Gretchen E. Rosso; Jeffrey A. Muday; and James F. Curran.

Published by the Water Environment Federation since 1928, *WER* is a popular professional journal that features peer-reviewed research papers and research notes, as well as state-of-the-art and critical reviews on original, fundamental, and applied research in all scientific and technical areas related to water quality, pollution control, and management. *WER* is available in both print and online formats and receives approximately 400 new research submissions each year.

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