

# One of a kind book on Wastewater Bioaugmentation and Biostimulation

*Useful guide to solving problems of deficient biomass in wastewater treatment plants; odor reduction, sludge management, controlling filamentous organisms*

LANCASTER, PA, USA, January 6, 2016 / EINPresswire.com/ -- DEStech Publications announces the publication of "[Wastewater Bioaugmentation and Biostimulation](#)", by Michael Gerardi.

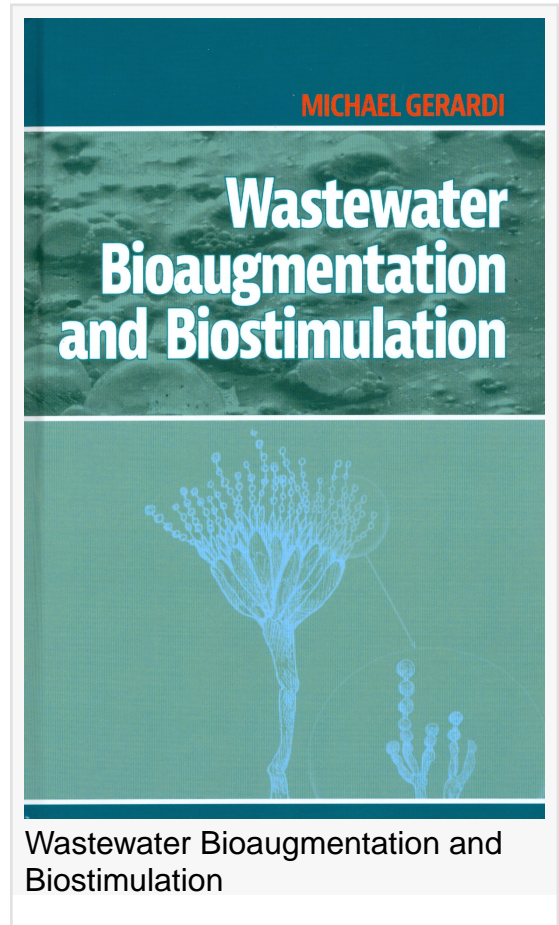
Written by a leading wastewater biologist with many years' experience in plant operation, this book is a guide to understanding and enhancing existing microbial populations in wastewater treatment. It is a practical book that addresses operational problems arising from deficiencies in biomass and shows how these situations can be recognized and corrected. After presenting background on major wastewater microbes, the text explains the types of bacteria used in bioaugmentation and the nutrients, enzymes and growth factors needed to solve processing problems and achieve operational goals, for example, the conversion of starches such as cellulose to soluble sugars. Using numerous case studies, the text focuses on the treatment functions performed by augmented microbes: improved anaerobic biogas production, control of undesired filamentous organisms growth, floc formation, nitrification, odor control,

resistance to toxicity, sludge reduction, and many more.

"Wastewater Bioaugmentation and Biostimulation" is published by [DEStech Publications, Inc.](#), best known for advanced publications in engineering and science.

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