

Biofilms, Bioremediation and Water Microbiology

Biofilms in Bioremediation

Current Research and Emerging Technologies

Edited by: G Lear

x + 252 pp, March 2016

Book: ISBN 978-1-910190-29-6

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Renowned scientists from around the world provide up-to-date and authoritative reviews of the latest scientific research that has contributed to our understanding of the vital importance of microbial biofilms for the biological remediation of contaminated environments. The results of a variety of key case studies are presented to highlight the broad range of treatment approaches and applications at our disposal. In addition, the authors discuss the future trends and likely growth areas in biofilm-related research. This comprehensive volume is indispensable for anyone involved in bioremediation, biofilm research or environmental microbiology. It is also recommended as a reference work for all microbiology libraries

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Aquatic Biofilms

Ecology, Water Quality and Wastewater Treatment

Edited by: AM Romani, H Guasch, MD Balaguer

xii + 230 pp, January 2016

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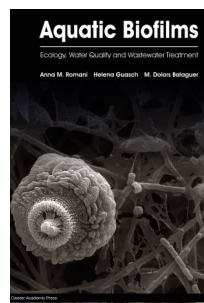
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A concise review of the current knowledge on aquatic biofilms with an emphasis on the characteristics and ecology of biofilms in natural ecosystems and a focus on biofilm applications linked to water pollution problems. The aquatic biofilm mode of life is described and reviewed. With contributions from ecologists, engineers and microbiologists this book presents scientists and technicians with up-to-date knowledge and a clear understanding of aquatic biofilms from different and complementary points of view. An essential reference book for anyone working with biofilms.

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Current Research and Applications

Edited by: G Lear, GD Lewis

x + 228 pp, February 2012

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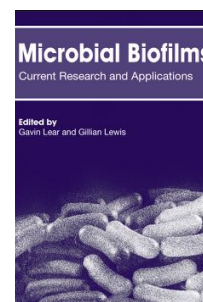
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Leading scientists provide a review of the latest scientific research on microbial communities and predict future trends and growth areas in biofilm-related research..

The book is essential for everyone interested in biofilms and their applications. Recommended for environmental microbiologists, soil scientists, medical microbiologists, bioremediation experts and microbiologists working in biocorrosion, biofouling, biodegradation, water microbiology, quorum sensing and many other areas.

"a useful update" (Micro. Today); "highly recommended" (Biospektrum); "highly recommended" (Fungal Diversity)

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