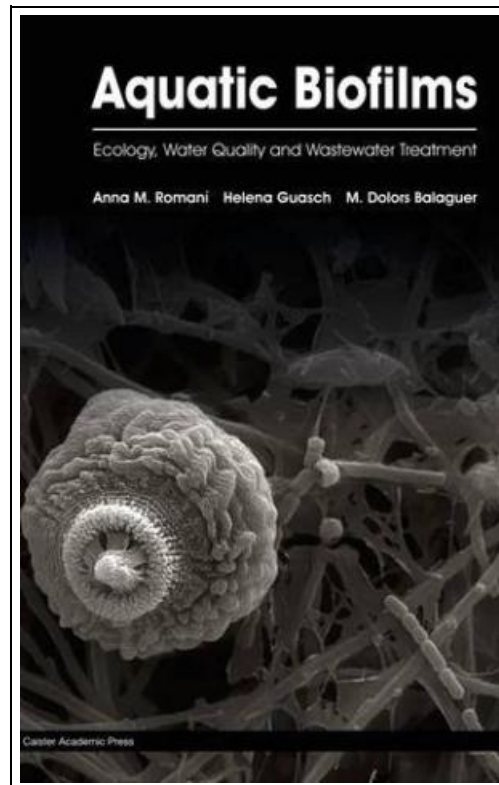


Aquatic Biofilms: Ecology, Water Quality and Wastewater Treatment (Hardback)



Filesize: 4.91 MB

Reviews

*Most of these ebook is the perfect publication offered. Sure, it really is play, still an interesting and amazing literature. You wont truly feel monotony at whenever you want of your time (that's what catalogs are for about in the event you check with me).
(Roosevelt Rohan)*

AQUATIC BIOFILMS: ECOLOGY, WATER QUALITY AND WASTEWATER TREATMENT (HARDBACK)**DOWNLOAD**

Caister Academic Press, United Kingdom, 2016. Hardback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.Biofilms in aquatic ecosystems colonize various surfaces (sand, rocks, leaves) and play a key role in the environment. Aquatic biofilms supply energy and organic matter to the food chain, they are important in recycling organic matter, and they contribute to water quality. This book is a concise review of the current knowledge on aquatic biofilms, with an emphasis on the characteristics and ecology of biofilms in natural ecosystems, along with a focus on biofilm applications linked to water pollution problems. The book is divided into three sections: Biofilms Mode of Life, Biofilms and Pollution, and New Technologies Using Biofilms. In the first section, the aquatic biofilm mode of life is described and reviewed. Key aspects covered include the three-dimensional structure and cell-to-cell communication of biofilms, their dynamic prokaryotic diversity, and their vital role in biogeochemical cycles. This is followed by a comprehensive look at the use of biofilms in water quality. Additional chapters discuss environmental risk assessment, monitoring, and ecotoxicological approaches. Further topics include biofilm development in sewage pipes and the potential for microbial transformations in these systems. The final section focuses on important examples of novel technologies based on biofilms for water treatment, including the biodegradation of pollutants, the application of bioelectrogenic biofilms, and the biofilm capacity for nitrogen removal. [Subject: Molecular Biology, Life Science].

[Read Aquatic Biofilms: Ecology, Water Quality and Wastewater Treatment \(Hardback\) Online](#)[Download PDF Aquatic Biofilms: Ecology, Water Quality and Wastewater Treatment \(Hardback\)](#)

Related eBooks



A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to...

[Save eBook](#)

»



Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Save eBook](#)

»



Mass Media Law: The Printing Press to the Internet

Peter Lang Publishing Inc, United States, 2013. Paperback. Book Condition: New. New.. 251 x 175 mm. Language: English . Brand New Book. Digital media law is now the dynamic legal territory. Mass Media Law: The...

[Save eBook](#)

»



ESV Study Bible, Large Print (Hardback)

CROSSWAY BOOKS, United States, 2014. Hardback. Book Condition: New. Large Print. 249 x 178 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of the award-winning ESV...

[Save eBook](#)

»



The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)

Broadman Holman Publishers, United States, 2013. Hardback. Book Condition: New. Cory Jones (illustrator). 231 x 178 mm. Language: English . Brand New Book. Oh sure, we ll all heard the story of Moses and the...

[Save eBook](#)

»