

# Activated Sludge and Aerobic Biofilm Reactors

*Activated Sludge and Aerobic Biofilm Reactors* is the fifth volume in the Biological Wastewater Treatment series.

The first part of the book is devoted to the activated sludge process, covering the removal of organic matter, nitrogen and phosphorus. A detailed analysis of the biological reactor (aeration tank) and the final sedimentation tanks is provided.

The second part of the book covers aerobic biofilm reactors, especially trickling filters, rotating biological contractors and submerged aerated biofilters.

For all the systems, the book presents in a clear and informative way the main concepts, working principles, expected removal efficiencies, design criteria, design examples, construction aspects and operational guidelines.

## About the series:

This highly acclaimed series comprises seven textbooks – available in print or as Open Access ebooks – which provide a state-of-the-art presentation of the science and technology of biological wastewater treatment. All volumes of the series have been thoroughly used by students, researchers and practitioners in developed and developing countries.

## Titles in the Biological Wastewater Treatment series:

Volume 1: [Wastewater Characteristics, Treatment and Disposal](#)[1]

Volume 2: [Basic Principles of Wastewater Treatment](#)[2]

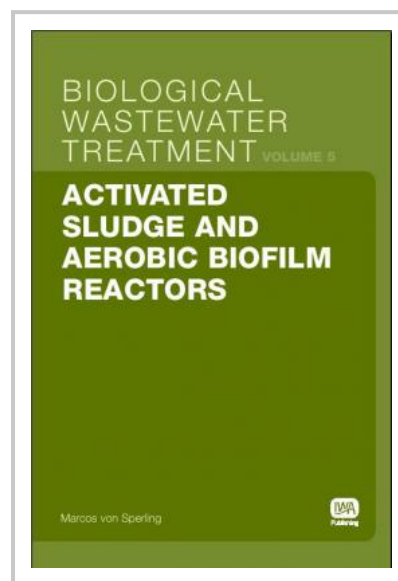
Volume 3: [Waste Stabilisation Ponds](#)[3]

Volume 4: [\[4\]Anaerobic Reactors](#)[5]

Volume 5: *Activated Sludge and Aerobic Biofilm Reactors*

Volume 6: [Sludge Treatment and Disposal](#)[6]

Volume 7: [Treatment Wetlands](#)[7]



**Publication Date:** 30/03/2007

**ISBN13:** 9781843391654

**eISBN:** 9781780402123

**Pages:** 328

**Print:**

**Standard price:** £52 / €65 / \$78

**Member price:** £39 / €49 / \$59

**eBook:**

**Standard price:** £0 / €0 / \$0

**Member price:** £0 / €0 / \$0