

WATERBORNE PATHOGENS

Detection Methods and Applications

HELEN BRIDLE Heriot-Watt University, Edinburgh, Scotland

"The major strength is the coverage of all three types of pathogens found in water and together in the same book as descriptions of the new technologies that are being investigated as potential improvements to current methods."

Kimberley Gilbride, Biology Program Director, Ryerson University

This book gives an overview of advanced emerging technologies for the detection of a range of waterborne pathogens. It presents existing methodology, and new techniques, highlighting where improvements can be made. There is a strong focus on applications and the ways in which new technology could be applied in water management. Additionally, the book addresses issues of sample preparation (from sampling through to concentration and enrichment), a key stage in any detection protocol.

- Covers the gap of specific sound methods of pathogen detection by fulfilling the need for a concept book on the novel technologies for pathogen detection in water
- Presents all cutting-edge technologies for pathogen detection in water as well as recent emerging technologies
- Addresses all three types of pathogens, providing combined knowledge on detection of all major drinking water pathogens



ACADEMIC PRESS

An imprint of Elsevier
store.elsevier.com

ISBN 978-0-444-59543-0



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