

Air Quality in Urban Environments

ISSUES IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY

EDITORS:

R.E. Hester, University of York, UK

R.M. Harrison, University of Birmingham, UK

EDITORIAL ADVISORY BOARD:

Sir Geoffrey Allen, Executive Advisor to Kobe Steel Ltd, UK, **P. Crutzen**, Max-Planck-Institut für Chemie, Germany, **S.J. de Mora**, Plymouth Marine Laboratory, UK, **G. Eduljee**, SITA, UK, **L. Heathwaite**, Lancaster Environment Centre, UK, **J.E. Harries**, Imperial College of Science, Technology and Medicine, UK, **S. Holgate**, University of Southampton, UK, **P.K. Hopke**, Clarkson University, USA, **Sir John Houghton**, Meteorological Office, UK, **P. Leinster**, Environment Agency, UK, **J. Lester**, Imperial College of Science, Technology and Medicine, UK, **P.S. Liss**, School of Environmental Sciences, University of East Anglia, UK, **D. Mackay**, Trent University, Canada, **A. Proctor**, Food Science Department, University of Arkansas, USA, **D. Taylor**, AstraZeneca plc, UK, **J. Vincent**, School of Public Health, University of Michigan, USA

TITLES IN THE SERIES:

- | | |
|---|--|
| 1: Mining and its Environmental Impact | 16: Assessment and Reclamation of Contaminated Land |
| 2: Waste Incineration and the Environment | 17: Global Environmental Change |
| 3: Waste Treatment and Disposal | 18: Environmental and Health Impact of Solid Waste Management Activities |
| 4: Volatile Organic Compounds in the Atmosphere | 19: Sustainability and Environmental Impact of Renewable Energy Sources |
| 5: Agricultural Chemicals and the Environment | 20: Transport and the Environment |
| 6: Chlorinated Organic Micropollutants | 21: Sustainability in Agriculture |
| 7: Contaminated Land and its Reclamation | 22: Chemicals in the Environment: Assessing and Managing Risk |
| 8: Air Quality Management | 23: Alternatives to Animal Testing |
| 9: Risk Assessment and Risk Management | 24: Nanotechnology |
| 10: Air Pollution and Health | 25: Biodiversity Under Threat |
| 11: Environmental Impact of Power Generation | 26: Environmental Forensics |
| 12: Endocrine Disrupting Chemicals | 27: Electronic Waste Management |
| 13: Chemistry in the Marine Environment | 28: Air Quality in Urban Environments |
| 14: Causes and Environmental Implications of Increased UV-B Radiation | |
| 15: Food Safety and Food Quality | |

How to obtain future titles on publication

A subscription is available for this series. This will bring delivery of each new volume immediately on publication and also provide you with online access to each title via the Internet. For further information visit <http://www.rsc.org/Publishing/Books/issues> or write to the address below.

For further information please contact:

Sales and Customer Care, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK

Telephone: +44 (0)1223 432360, Fax: +44 (0)1223 426017, Email: sales@rsc.org

ISSUES IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY

EDITORS: R.E. HESTER AND R.M. HARRISON

28

Air Quality in Urban Environments

RSC Publishing

ISBN: 978-1-84755-907-4
ISSN: 1350-7583

A catalogue record for this book is available from the British Library

© Royal Society of Chemistry 2009

All rights reserved

Apart from fair dealing for the purposes of research for non-commercial purposes or for private study, criticism or review, as permitted under the Copyright, Designs and Patents Act 1988 and the Copyright and Related Rights Regulations 2003, this publication may not be reproduced, stored or transmitted, in any form or by any means, without the prior permission in writing of The Royal Society of Chemistry or the copyright owner, or in the case of reproduction in accordance with the terms of licences issued by the Copyright Licensing Agency in the UK, or in accordance with the terms of the licences issued by the appropriate Reproduction Rights Organization outside the UK. Enquiries concerning reproduction outside the terms stated here should be sent to The Royal Society of Chemistry at the address printed on this page.

Published by The Royal Society of Chemistry,
Thomas Graham House, Science Park, Milton Road,
Cambridge CB4 0WF, UK

Registered Charity Number 207890

For further information see our web site at www.rsc.org