

Issues in Environmental Science and Technology

EDITORS:

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This series has been devised in response to the rapid growth of interest in the environment and the acute need for concise, authoritative and up-to-date reviews of topical issues.

Issues in Environmental Science and Technology is published twice a year, with each Issue addressing a specific theme or topic. Written by world experts in their specialist fields, this series presents a multidisciplinary approach. In addition to covering the chemistry of environmental processes, the series focuses on the broader economic, legal and political aspects, and provides assessments of possible practical solutions to perceived environmental problems.

Issues in Environmental Science and Technology is invaluable for scientists and engineers in industry, public service, consultancy and academic institutions who wish to keep in touch with topical subjects in this often emotive field. It is essential reading for students taking specialized courses in environmental chemistry, and will provide supplementary reference material for general science courses.

Air Quality Management

The management of air quality is currently at the forefront of international debate. With authors drawn from international experts in their respective fields, **Air Quality Management** provides comprehensive coverage of the air quality management issue. There are chapters on improving air quality in the UK, the construction of emissions inventories and the design and operation of air monitoring networks. Validation of air pollution models, requiring source receptor modelling, is described, as is the use of geochemical or biological tolerances known as critical loads to determine the maximum allowable inputs of pollutants to the terrestrial environment. The first European Auto-Oil Study, which was sponsored by the European Commission in order to identify the most cost-effective means of meeting air quality targets, is included as a case study. There is also reference to the successes and problems of air pollution control in California, the US state which has pioneered the promotion of vigorous air pollution control measures.

Air Quality Management provides a vital source of material for all those involved in the field, whether as a student, industrialist, consultant, or government agency with responsibility in this area.



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ISBN 0-85404-235-0



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