

Air Pollution and Plant Life

Second Edition

Edited by

J.N.B. Bell

Imperial College at Silwood, UK

With

M. Treshow

University of Utah, USA

Air pollution affects every living organism, including all kinds of vegetation on which we depend for survival. The second edition of this standard reference textbook provides a comprehensive and up-to-date overview of the direct and indirect impacts of air pollution on plant life. Written by an international team of experts, the book also covers the main historical aspects and sources of pollutants, atmospheric transport and transformations of pollutants, and issues of global change and the use of science in air pollution policy formulation.

Air Pollution and Plant Life Second Edition is a unique text in several ways:

- covers all the main phytotoxic pollutants with due consideration given to impacts at all levels of plant organisation from molecular to ecological.
- emphasises the effects of air pollutants in altering plant response to common stresses, both abiotic and biotic - fields in which considerable progress has been made since publication of the first edition.
- and includes coverage of how research leads to pollution control policy development.

Air Pollution and Plant Life Second Edition is essential reading for students in Environmental Science, Biological Science and Agriculture, as well as environmental consultants and professionals involved in air quality research and the application of air quality guidelines and advice.

 **WILEY**
wiley.com

ISBN 0-471-49091-1



9 780471 490913