

*Environmental Models: Emissions and Consequences* edited by: J. Fenhann, H. Larsen, G.A. Mackenzie, and B. Rasmussen, Elsevier, Amsterdam, 1990, ISBN 0-444-88609-5, 500 pp., \$100.00/Dfl 195.00.

This book is based on the papers presented at Risø International Conference (May 22–25, 1989). Forty oral presentations have been grouped in nine sections. A list of participants is given at the end of the book. The book is produced from the papers typed by conference participants.

The papers cover a wide range of topics in air, aquatic, and terrestrial systems. Scientific, as well as policy related papers, are included in the book. The work provides an insight into environmental modeling activities in Europe.

The purpose of the conference, and a summary of research programs by the European Commission, are very well explained by two speakers in the introduction section. Three projects on the development of air emission inventories are discussed in the section on emissions. An interesting paper on air pollution index from the U.S.S.R. also appears in this section. Some aspects of air pollution economics are given in the section on economics. Other sections describe the short-range effects of air pollutants, biological effects, energy and environmental planning, environmental models for aquatic systems, terrestrial systems, and integrated models.

The book will be of interest to a diverse group of environmental scientists. And it can be used as a reference book on applied work related to environmental modeling.

ASHOK KUMAR

*Accidental explosions Vols. 1 and 2*, by Louis A. Medard, Ellis Horwood, Chichester, ISBN 0-745-80403-9 (vol. 1) and 0-745-80436-5 (Vol. 2), 400 and 396 pp., £90.00 (set).

This book, which is a translation of the author's "Les Explosifs Occasionels" represents an important addition to the English language literature of the subject.

Its authoritative treatment is derived from a rigorous analysis of the physical and chemical fundamentals of the subject. It supplies an extensive bibliography which, *inter alia*, provides the English speaking reader with a considerable body of references to French authors whose work in this field may otherwise be overlooked. These authors include such distinguished scientists as Le Chatelier and Berthelot.

It has to be said that defining the subject matter presents certain difficulties, even the translation of "occasionel" is not straightforward as it has no precise English equivalent. The author cites P. Vieille in support of the concept that