

EDITORIAL

Recognizing the need to provide an understanding of the various components of risk analysis and to provide a comprehensive approach to risk management, an Indo-U.S. workshop on "Environmental Risk Analysis: Safety, Planning and Management" was held during 2-6 January 1995 at the Indian Institute of Technology in Delhi. The main objective of the workshop was to address areas related to the risk perception, assessment, and management for effective control of airborne chemical hazards for fixed facilities and transportation. There were 130 participants, including 15 from the United States, the United Kingdom, and Australia. The following broad areas were covered in different technical sessions:

- (i) evaluation of standards for hazardous chemicals for regulatory purposes;
- (ii) mathematical models for the transport, transformation, and fate of pollutants appropriate for different distances and timescales;
- (iii) state of the art of quantified risk assessment;
- (iv) risk assessment: engineering aspects;
- (v) quantification of fire and explosive hazards;
- (vi) environmental safety, audits, safety regulations, and legislation for the hazardous chemical industry;
- (vii) siting; and
- (ix) occupational health hazards.

The workshop was sponsored by the Ministry of Environment and Forests of the Government of India and was cosponsored by some U.S. organizations, including the Air and Waste Management Association, the U.S. Department of Energy, and the National Oceanic and Atmospheric Administration. The workshop also was sponsored by the British Council in Delhi. Cosponsors from the Indian side include, among others, the Atomic Energy Regulatory Board, the Central Pollution Control Board, the Council of Scientific and Industrial Research, the Indian Oil Corporation, and Essar Services Limited.

This issue of the *Journal of Applied Meteorology* includes four papers from the presentations during this workshop in the area related to atmospheric dispersion modeling.

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