As per World Health Organization, air pollution is now the major killer. But the message has not still gone into the minds of decision makers across the globe. Since the movement of pollutants does not respect political boundaries, they kill innocents across the borders. What is more painful is changing climate is posing challenge to predict the movement of pollutants. Decisions taken based on modeling studies and legislations are not delivering desired output. There is always gap between theory and practice. This book is written after reading more than 300 literature and more than 30 years of combined experience of authors to reduce the gap.

Intended Audience

The intended audience include students of both graduation and undergraduation who take over the challenge of cleaning the mess left by their previous generation and curbing emission from own generation. Apart from students, this book is written to guide policy makers and regulators who are changing the dimension of the world.

Goals and Motivation

The text is written to provide clear and concise understanding of challenges posed by air pollution and the solutions. Many works have been done in the field of air pollution by eminent scientist and technocrats. But the authors had unique experience working in a country which is witnessing rapid economic growth and associated impacts on environment. This book also discusses practical difficulties and practices.
Unique Features

Unique features of this book include deep discussion of many pollutants which are not monitored across the globe. The photographs of many air pollution source which contribute air pollutants have been included so that the people of next generation would get a chance to know the current situation the mankind has undergone.

About the Book

The past work of first author has been used as reference book in many universities due to uniqueness and simplicity. The experience is very helpful in bringing out this book so that students and practitioners can benefit from our exposure. Many new ideas have been discussed in this book which is not discussed elsewhere so that researchers and students can carry research on those topics.

Course Suggestion

This book can be used for both undergraduate and postgraduate students. References have been listed at the end of each chapter so that reader can refer original article if required.

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