

# AIR QUALITY MODELING

Theories, Methodologies,  
Computational Techniques, and  
Available Databases and Software

Volume II - Advanced Topics

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*Air Quality Modeling: Theories, Methodologies, Computational Techniques, and Available Databases and Software – Volume II* is the second volume of a comprehensive book series on the subject of air pollution and computer modeling of air quality phenomena. The book series is available both on CD-ROM (see below) and as a [bound textbook](#) (search: OTHP-25). The book series is published by the [EnviroComp Institute](#) and the [Air and Waste Management Association](#).

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The electronic book *Air Quality Modeling: Theories, Methodologies, Computational Techniques, and Available Databases and Software – Volume II* is distributed on CD-ROM by the [EnviroComp Institute](#). The book takes an in-depth look at some advanced topics of air pollution modeling, such as large-eddy simulations, Lagrangian particle models, receptor models, deposition phenomena, indoor air pollution modeling, atmospheric chemistry, health risks, air quality forecast, and historical perspectives on models and their evaluation. With individual chapters written by experts in their fields, this book gives environmental professionals a solid foundation for understanding advanced modeling techniques. Together with Volume I ([flyer – order form](#)), this series provides a comprehensive review of air quality modeling issues.

The electronic book is made of chapters organized in Adobe Acrobat's PDF files that can be examined using Adobe Acrobat Reader (which can be [freely downloaded](#)). The reader can use any computer platform (PC/Mac/Unix). Navigation is straightforward. The book is complete with hypertext links, references, website and email pointers, graphics, and information about chapter authors including curriculum vitae, biographies, and pictures. The Table of Contents of Volume II and the order form are presented below.

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