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# AIR QUALITY MODELING

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

Volume IV - Advances and Updates

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*Air Quality Modeling: Theories, Methodologies, Computational Techniques, and Available Databases and Software – Volume IV* is the fourth and last 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-28). 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 IV* is distributed on CD-ROM by the [EnviroComp Institute](#). This final Volume IV updates some chapters presented in previous volumes and provides discussion of new topics, including the coupling of meteorological and air quality modeling; the modeling of pesticide application, deposition and drift; ecological risk assessment from air toxics; health impacts and emission abatement strategies; ensemble predictions and data assimilation; and tracer studies. As a whole, the four volumes now provide a unique and comprehensive description of all technical topics related to air quality modeling. The book series also has its own Web page, <http://envirocomp.org/books/aqm.html>, which readers are encouraged to visit for additional information as well as to order copies of Volumes I – IV.

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 IV and the Order Form are presented below.

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