Record Nr. UNINA9910464197003321 Advanced numerical methods for complex environmental models : **Titolo** needs and availability / / edited by Istvan Farago, Agnes Havasi, Department of Applied Analysis and Computational Mathematics and HAS, ELTE Research group "Numerical Analysis and Large Networks," Eotvos Lorand University, Budapest, Hungary & Zahari Zlatev, Department of Environmental Science, Aarhus University, Roskilde, Denmark Pubbl/distr/stampa Sharjah, UAE:,: Bentham Science Publishers,, [2013] ©2013 **ISBN** 1-60805-778-X Descrizione fisica 1 online resource (437 p.) Altri autori (Persone) Faragol (Istvan) HavasiAgnes ZlatevZahari <1939-> Environmental sciences - Mathematical models Soggetti Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Title; EUL; Contents; Foreword; Foreword; Preface; List of Contributors; Chapter 01a; Chapter 01b; Chapter 01c; Chapter 02a; Chapter 02b; Chapter 03; Chapter 04a; Chapter 04b; Chapter 04c; Chapter 05a; Chapter 05b; Chapter 05c; Index; Back Cover High air pollution levels pose a significant threat to plants, animals and Sommario/riassunto human beings. Efforts by researchers are directed towards keeping air pollution levels below well defined 'critical' levels in order to maintain a sustainable atmosphere and environmental system. The application of advanced mathematical models is important for researchers to achieve this goal as efficiently as possible. Mathematical models can be used to predict answers to many important questions about the environment. However, their application will be successful only when several

theoretical and practical obstacles ar