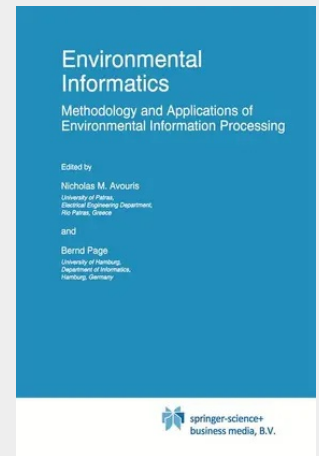


Environmental Informatics

Methodology and Applications of Environmental Information Processing

Environmental informatics is a field of applied computer science that develops and uses the techniques of information processing for environmental protection, research and engineering. The multidisciplinary nature of environmental problems needs environmental informatics as a bridge and mediator between many disciplines and institutions. The present book presents a wide range of topics currently being pursued in the area, including basic methodological issues and typical applications. A significant number of recognised experts have contributed to the volume, discussing the methodology and application of environmental monitoring, environmental databases and information systems, GIS, modeling software, environmental management systems, knowledge-based systems, and the visualisation of complex environmental data. For scholarly and professional practitioners of environmental management who wish to acquire well-founded knowledge of environmental information processing and specialists in applied computer science who wish to learn more about the contribution of their field to the solution of our urgent environmental problems.

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