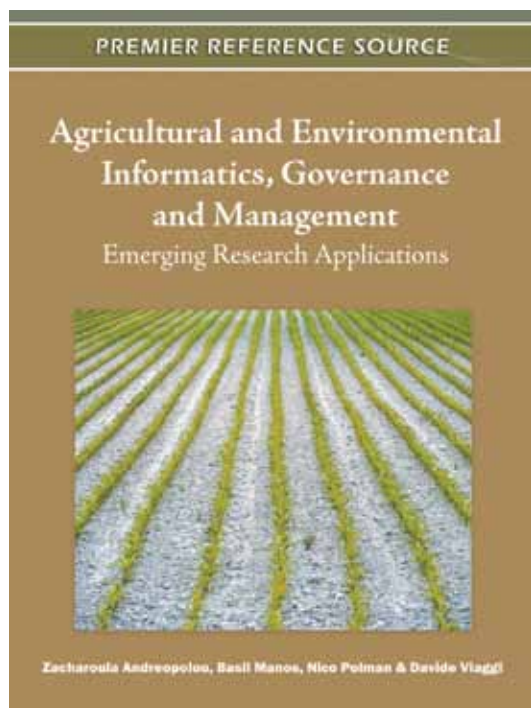


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Agricultural and Environmental Informatics, Governance and Management: Emerging Research Applications



Zacharoula Andreopoulou (Aristotle University of Thessaloniki, Greece),
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Information and communication technologies (ICT) play an increasingly important role in the socio-economic environment of rural areas, and e-governance can empower citizens by facilitating their access to information and participatory decision-making.

Agricultural and Environmental Informatics, Governance and Management: Emerging Research Applications is a state-of-the-art reference book which explores how rural policymakers and stakeholders can use information and communication technologies to sustainably manage agricultural and natural resources. The book explores how ICT can support public governance and rural decision-making, how supply chain and agricultural informatics tools and methods can improve agricultural management, and how ICT is especially useful for environmental, resource, and ecosystems management and for geospatial landscape planning. The book integrates cross-disciplinary knowledge about agricultural and environmental applications of informatics, connecting science and policy on a subject critical to the present and future quality of life in rural areas.

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- Agricultural and Environmental Data and Data Management
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- ICT and E-Governance
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- Public Governance and Rural Policies
- Resource Conservation
- Spatial Information Technologies
- Sustainable Development of Agricultural and Natural Resources

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Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Zacharoula Andreopoulou holds a BS degree in Mathematics, a BS degree in Forestry and Natural Environment, and a PhD degree in Forest Informatics, all from the Aristotle University of Thessaloniki, where she is currently an assistant professor in the Laboratory of Forest Informatics. She teaches courses on networks and Web services, databases, project management, and software programming with focus on the environment and sustainable development. Her scientific and research interests include networks and Web services, databases, modeling and project management in natural resources and environment, sustainable development, and regional development applications. She is an active member of scientific societies and she has organized and participated in many international and domestic conferences. She is the author, co-author, and editor in books regarding environmental informatics, and her recent scientific publications include papers in various international Journals.

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