

An Excellent Addition to Your Library!

Released: September 2013

E-Innovation for Sustainable Development of Rural Resources During Global Economic Crisis

Premier Reference Source

E-Innovation for Sustainable Development of Rural Resources During Global Economic Crisis

Part of the Practice, Progress, and Proficiency in Sustainability Series



Part of the Practice, Progress, and Proficiency in Sustainability Book Series

Zacharoula Andreopoulou (Aristotle University of Thessaloniki, Greece), Vagis Samathrakakis (Alexander Technological Educational Institute of Thessaloniki, Greece), Soulla Louca (University of Nicosia, Cyprus), and Maro Vlachopoulou (University of Macedonia, Greece)

Implementation of technology into social and economic developments have provided key strengths in improving competitiveness and meeting the demands of modern society for life and the economy; including adapting to green development as a means to confront the economic crisis.

E-Innovation for Sustainable Development of Rural Resources During Global Economic Crisis brings together a multidisciplinary exchange of knowledge on the application of electronic and mobile innovations towards the sustainable development of the economy. Providing an opportunity to identify effective e-innovation and successful practices, this book is essential for researchers, students, rural developers, and academics in the fields of economics, sustainable development, informatics, and the environment.

Topics Covered:

- Rural Development
- Supply Chain Management
- Digital Divide
- E-Participation
- Emerging Technologies
- E-M Innovations
- ICT Adoption for Sustainable Development

ISBN: 9781466645509; © 2014; 349 pp.

Print: US \$185.00 | Perpetual: US \$280.00 | Print + Perpetual: US \$370.00

Pre-pub Discount:*

Print: US \$175.00 | Perpetual: US \$265.00

* Pre-pub price is good through one month after publication date.

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



www.igi-global.com

Publishing Academic Excellence
at the Pace of Technology Since 1988

Section 1: Conceptual Frameworks, Principles, and Techniques on E-Innovation and ICT Adoption

Chapter 1

ICT for Sustainable Growth and Development
Soulla Louca (University of Nicosia, Cyprus)

Chapter 2

Green ICT Applications towards the Achievement of Sustainable Development
Zacharoula Andreopoulou (Aristotle University of Thessaloniki, Greece)
Emmanouil Stiakakis (University of Macedonia, Greece)
Maro Vlachopoulou (University of Macedonia, Greece)

Chapter 3

ICT:
Julián Briz (Polytechnic University Madrid (UPM), Spain)
José María Duran (Polytechnic University Madrid (UPM), Spain)
Isabel Felipe (Polytechnic University Madrid (UPM), Spain)
Teresa Briz (Polytechnic University Madrid (UPM), Spain)

Chapter 4

Wellbeing and Rural Excellences:
Rosa Misso (University of Naples "Parthenope", Italy)

Chapter 5

ICT and Regional Growth in Europe:
George M. Korres (University of Newcastle, UK & University of Aegean, Greece)

Chapter 6

Technological Innovation and Adoptive Ability:
Stilianos Alexiadis (Hellenic Ministry of Rural Development and Foods, Greece & National Kapodistrian University of Athens, Greece)
Aikaterini Kokkinou (University of Glasgow, UK)
Christos Ladas (University of Central Greece, Greece)

Chapter 7

Augmented Reality (AR) Applications in Agriculture
Róbert Szilágyi (University of Debrecen, Hungary)
Miklós Herdon (University of Debrecen, Hungary)

Chapter 8

Resource Conservation:
Cristian Ioja (University of Bucharest, Romania)
Mihai Răzvan Niță (University of Bucharest, Romania)
Ileana Georgeta Stupariu (University of Bucharest, Romania)

Section 2: Extensive Case Studies, Applications, and Successful Stories on E-Innovation and ICT Adoption

Chapter 9

Using E-Learning to Address the Educational Digital Divide in Remote Communities in the EU:
Thanasis Hadzilacos (Open University of Cyprus, Cyprus)
Angelika I. Kokkinaki (University of Nicosia, Cyprus)
Demetra Egarchou (Computer Technology Institute, Greece)

Chapter 10

Digital Traceability System:
Casiane Salette Tibola (Embrapa Wheat, Brazil)
José Mauricio Cunha Fernandes (Embrapa Wheat, Brazil)
Jaçson Dalbosco (University of Passo Fundo (UPF), Brazil)
Willingthon Pavan (University of Passo Fundo (UPF), Brazil)

Chapter 11

Local Web-Based Networks in Rural Municipalities:
Jan W. Owsiniński (Polish Academy of Science, Poland)
Aneta M. Pielak (Polish Academy of Science, Poland)
Krzysztof Sęp (Polish Academy of Science, Poland)
Jarosław Stańczak (Polish Academy of Science, Poland)

Chapter 12

Turning the Table(s)?
Mihály Csótó (Budapest University of Technology and Economics, Hungary)

Chapter 13

Proposing a Supply Chain Model for the Production-Distribution of Fuelwood in Greece using Multiobjective Programming
Garyfallos Arabatzis (Democritus University of Thrace, Greece)
Konstantinos Petridis (Democritus University of Thrace, Greece)
Periklis Kougoulis (Abu Dhabi University, UAE)

Chapter 14

Strategies for the Development of New Products in the Spanish Agri-Food Industry
Silverio Alarcón (Universidad Politécnica de Madrid, Spain)
Luis González Polonio (Universidad Politécnica de Madrid, Spain)
Mercedes Sánchez (Universidad Pública de Navarra, Spain)

Chapter 15

Web Marketing Strategies in Agro Food SMEs:
Aspasia Vlachvei (Technological Educational Institute of West Macedonia, Greece)
Ourania Notta (Alexander Technological Educational Institute of Thessaloniki, Greece)
Francesco Diotallevi (University of Perugia, Italy)
Andrea Marchini (University of Perugia, Italy)

Chapter 16

Environmental Sustainability Initiatives in the Agrifood Supply Chain
Ioannis Manikas (University of Greenwich, UK)
Petros Ieromonachou (University of Greenwich, UK)
Dionysis Bochtis (Aarhus University, Denmark)

Chapter 17

A Social Survey on How the Economic Crisis Affects Peoples' Attitudes towards Environmental Subjects
Panos Kosmopoulos (Democritus University of Thrace, Greece)
Athina Kantzioura (Democritus University of Thrace, Greece)
Ioannis Kosmopoulos (Democritus University of Thrace, Greece)
Kostas Kleskas (Democritus University of Thrace, Greece)
Andreas-Michail Kosmopoulos (Democritus University of Thrace, Greece)

Order Your Copy Today!

Name: _____

Organization: _____

Address: _____

City, State, Zip: _____

Country: _____

Tel: _____

Fax: _____

E-mail: _____

☐ Enclosed is check payable to IGI Global in
US Dollars, drawn on a US-based bank

☐ Credit Card ☐ Mastercard ☐ Visa ☐ Am. Express

3 or 4 Digit Security Code: _____

Name on Card: _____

Account #: _____

Expiration Date: _____