

## CALL FOR CHAPTER PROPOSALS

Short Proposal Submission Deadline: **June 15, 2010**

*Green and Ecological Technologies for Urban Planning: Creating Smart Cities*

A book edited by Dr. Ozge Yalciner Ercoskun

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To be published by IGI Global

### Introduction

The considerations and use of eco-technologies in the planning and design of settlements is a new area for city planners and other professions dealing with space. All four kinds of technology can be useful in designing eco-tech cities: "Environmental Technologies (ET)"; "Information Technologies (IT)"; "Geographic Information Technologies (GIS)" and "Communication Technologies (CT)". This book will address the ecological, technological and social challenges related to settlements, both urban planning and design, from sustainable land-use to transportation, urban design competitions to municipal applications by eco-technologies towards resilience. Containing research from leading international experts, this book will provide comprehensive coverage and definitions of the most important issues, concepts, trends and technologies within the planning field.

### Objective of the Book

The overall aim of the book is to develop an understanding of how different perspectives of sustainable development, urban planning-design and technological development interact through administrative as well as community collaborations and which measures can be taken in the settlements to reduce climate change. This book will contain discussions and a variety of cases which fills a gap in this field. In this book, different perspectives on eco-tech cities, eco-settlements, eco-engineering and construction in the localities, technologies used in urban design and sustainable transportation can be interpreted in a variety of ways.

The book investigates such questions as:

What will be the cities of tomorrow?

What will be the changes in public and private spaces after applying eco-technologies?

What is the impact of eco-technologies on human social and economic sustainability?

Is there any way to incorporate eco-technologies in settlement planning and design to construct sustainable communities?

What are the local solutions of protecting the natural resources in the city and its periphery?

How can engineering and construction support eco-tech planning and design?

How is the impact on nature measured by the help of technologies?

### Target Audience

This essential publication will be useful to academic and research libraries as well as those interested in eco-technologies in urban planning. Students, researchers, practitioners and educators in the fields of urban planning and design, architecture, landscape planning and design, environmental engineering, civil engineering, mechanical engineering, agricultural engineering, sociology and geography, etc, will find that this resource provides cutting-edge research on techniques, trends and practical applications for use in these fields. Central governmental bodies as ministries of public works, settlement and energy and local governments can find practical clues for application.

### Recommended topics include, but are not limited to, the following:

Eco-technologies, Resilient Communities, Municipal Applications for Smart Cities, Spatial Planning and Design, Green Transport/Engineering/Construction, Green metrics/scoring in the settlements, The Current and Future State of Eco-tech Settlements against Climate Change etc.

### Submission Procedure

Researchers and practitioners are invited to submit *on or before* **June 15, 2010**, a 1 or 2 page chapter proposal clearly explaining the mission and concerns of his or her proposed chapter. Authors of accepted proposals will be notified by **July 15, 2010** about the status of their proposals and sent chapter guidelines. Full chapters are expected to be submitted by **October 15, 2010**. All submitted chapters will be reviewed on a double-blind review basis. Contributors may also be requested to serve as reviewers for this project.

### Publisher

This book is scheduled to be published by IGI Global (formerly Idea Group Inc.), publisher of the "Information Science Reference" (formerly Idea Group Reference), "Medical Information Science Reference," "Business

Science Reference,” and “Engineering Science Reference” imprints. For additional information regarding the publisher, please visit [www.igi-global.com](http://www.igi-global.com). This publication is anticipated to be released in 2011.

**Important Dates**

**June 15, 2010:** 1-2 Page Proposal Submission Deadline  
**July 15, 2010:** Notification of Acceptance  
**October 15, 2010:** Full Chapter Submission  
**January 15, 2011:** Review Results Returned  
**March 15, 2011:** Final Chapter Submission  
**April 15, 2011:** Final Deadline

Please forward to this call to your networks who will lend weight to the credibility of the book through their involvement. Both academics and practitioners are welcome.

*Inquiries and submissions can be forwarded **electronically** (Word document) or by **mail** to:*

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