

The Sustainable City IV

Urban Regeneration and Sustainability

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THE SUSTAINABLE CITY IV

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Preface

This book contains most of the papers presented at the 4th International Conference on Urban Regeneration and Sustainability (The Sustainable City) which took place in Tallin, Estonia in 2006. The meeting was organised by Tartu University, the Wessex Institute of Technology and the University of Siena, and follows three very successful meetings held in Rio, Brazil (2000); Segovia, Spain (2002); and Siena, Italy (2004).

The Honorary Chairman of the Conference is the late Nobel Prize Winner, Ilya Prigogine, who passed away in 2003. Prigogine's work on ecological systems was the inspiration behind many of the papers contained in this book and the motive behind the launching of the International Journal of Ecodynamics, another byproduct of the Sustainably City conferences. It was deemed appropriate in the circumstances to establish a prize in honour of Professor Prigogine, consisting of a medal and award. The first prize (2004) was awarded to Professor Sven Jorgensen of the Pharmaceutical University of Denmark for his pioneering work on the modelling of ecological systems. The second was given to Professor Enzo Tiezzi of the University of Siena in 2005, whose novel work in evolutionary thermodynamics has focused on finding satisfactory solutions for sustainable development. The third medal was awarded to Professor Bernard Patten of the University of Georgia, who has contributed to the better understanding of ecological systems with his Environs theory.

Urban areas produce a series of environmental problems arising from the consumption of natural resources and the consequent generation of waste and pollution. These problems contribute to the development of social and economic imbalances. All these problems which continue to grow in our society require new solutions.

The contents of this book address the many inter-related aspects of the urban environment from transport and mobility to social exclusion and crime prevention.

The sections of this book deal with the following topics: Architectural issues; Cultural heritage; Planning issues; Planning, development and management; Strategy and development; Land use and management; Environmental management; Energy resources; Sustainable transportation and transport integration; Traffic and transportation; The community and the city; Socio-economic issues, and Public safety.

The Editors are indebted to the University of Tartu for hosting this important event, particularly the Prigogine Award Ceremony. They also wish to express their gratitude to all authors for their contributions and to the members of the International Scientific Advisory Committee for their help in promoting the Meeting and producing this volume.

The Editors
Tallinn, 2006

Contents

Section 1: Architectural issues

The use of greenrooves for the mitigation of environmental problems in urban areas <i>A. Teemusk & Ü. Mander</i>	3
Urban architecture for the advancement of small-scale township enterprises: relevance of the scholarship <i>G. P. Setshedi</i>	19
International assessment of the environmental performance of housing, and prospects for sustainable cities <i>R. Horne</i>	29
Thermal characterisation of bio-based building materials <i>S. Costanzo, A. Cusumano, C. Giaconia & G. Giaconia</i>	39

Section 2: Cultural heritage

Sustainable reconstruction and planning strategies for Afghan cities: conservation in cultural and environmental heritage <i>B. A. Kazimee</i>	49
History integrated urban transformation <i>W. van der Toorn Vrijthoff</i>	61
Historical centers: sustainable economic spaces, management for sustainable projects <i>R. Jordán, J. Plaut, G. Carlo Magnoli, R. M. Pulselli & E. Tiezzi</i>	71

Section 3: Planning issues

Sustainability in cities: the green areas and climatic comfort as fundamental parameters <i>F. Gómez, V. Sifre, L. Montero, V. De Vicente & L. Gil</i>	83
Speed in the sustainable city <i>P. Yıldız</i>	95
Sustainable regional development and provincial development planning: the case of Bolu <i>O. Özbek</i>	105
Valuing the effects of urban road-network projects: a methodological proposal <i>A. Granà</i>	115
Mobile positioning in sustainability studies: the social positioning method in studying commuter’s activity spaces in Tallinn <i>R. Ahas, Ü. Mark, O. Järv & M. Nuga</i>	127
Planning with PlaceMaker: complex indices for sustainable projects <i>M. Sepe</i>	137
Green-switch: reducing the conflict between the industrial and the residential interface <i>A. Sharma</i>	147

Section 4: Planning, development and management

<i>KiwiGrow</i> TM : a community and environmental health framework for sustainable development <i>P. G. Luckman</i>	155
On the way to Gigapolises: can global urban development become sustainable? <i>M. Keiner & W. A. Schmid</i>	169
Seeking a unified urban systems theory <i>D. Coelho & M. Ruth</i>	179
What the “new Istanbul” shaped by capital makes one think... <i>S. Turgut</i>	189

Use of atmospheric modelling for the territorial planning of technological structures <i>G. Genon, E. Brizio & M. Poggio</i>	199
Urban regeneration of historic towns: regeneration strategies for Pauni, India <i>P. Parlewar & Y. Fukukawa</i>	209
Environmental policy integration in urban spatial planning: the approach of Rotterdam <i>V. Simeonova</i>	219
How many light globes does it take to change a footprint? <i>M. Lenzen & P. Maganov</i>	229
Spatial-temporal changes of regional sustainability: an empirical study in Taiwan <i>Y.-T. Hung & K.-W. Tsou</i>	239
A critical analysis of regional planning in South Africa in the 21 st century <i>J. Lodi</i>	251

Section 5: Strategy and development

Entropy and the city <i>N. Marchettini, F. M. Pulselli & E. Tiezzi</i>	263
IRMA: a European project for a sustainable <i>City Concept</i> <i>I. G. Sánchez & E. K. Lauritzen</i>	273
When does stacking become vertical sprawl? <i>I. S. Y. Hwang</i>	283
Can elevated pedestrian walkways be sustainable? <i>J. Rotmeyer</i>	293
Structuring the World down to cities and sustainable air sharing <i>H. H. Kleizen</i>	303
Strategic (spatial) planning approach in Turkey: new expectations <i>P. Ozden</i>	313
Anthropocentrism and sustainable development: oxymoron or symbiosis? <i>C. Speed</i>	323

Strategic urban design from a sustainable tourism perspective: a case study from the city of Guangzhou, China <i>X. Wang, J. Wang & R. Wennersten</i>	333
---	-----

Section 6: Land use and management

The ecological footprint of building construction <i>S. Bastianoni, A. Galli, V. Niccolucci & R. M. Pulselli</i>	345
---	-----

From Brownfield to blue sky: Sydney Harbour's renaissance <i>S. Bargwanna</i>	357
--	-----

A study on the future of urban models in the third millennium: a sustainable urban model for Kırkkale, Turkey <i>K. Özcan & F. Eren</i>	367
---	-----

Section 7: Environmental management

Characterization of particulate matter from urban, industrial and rural environments <i>N. Quaranta, M. Caligaris, M. Unsen & G. Pelozo</i>	379
---	-----

Life cycle guarantors of sustainability <i>R. Paluoja & S. Moore</i>	389
---	-----

Environmental management and numerical models: examples from long-term ecological research on a real case study <i>C. Solidoro, G. Cossarini & D. Melaku Canu</i>	399
---	-----

Recycling programs in partnership with scavenger associations as a sustainability factor in Metropolitan São Paulo, Brazil <i>H. Ribeiro, G. R. Besen, W. R. Günther, P. Jacobi & J. Demajorovic</i>	409
--	-----

On energy requirements and potential energy savings in Italian hospital buildings <i>G. Bizzarri</i>	419
--	-----

Wind and environmental effects on overhead high voltage transmission lines <i>A. F. Abdel-Gawad & A.-S. A. Zoklot</i>	433
--	-----

Capacity building for effective municipal environmental management in South Africa <i>T. C. Meyer & E. le Roux</i>	445
--	-----

Minimization of adverse environmental effects of a sports complex through implementation of green management <i>M. Abbaspour, A. R. Karbasi & S. Khadivi</i>	457
Strategic spatial planning and environmental management: the impact of Guanabara Bay Cleaning Programme in Rio de Janeiro <i>V. A. Carneiro da Silva & G. Ribeiro</i>	467
Rational environmental goals and sustainable planning <i>K. Edvardsson</i>	477

Section 8: Energy resources

Environmental accounting of buildings: outcomes from the energy analysis <i>F. M. Pulselli, R. M. Pulselli & E. Simoncini</i>	489
The energy synthesis for the Province of Pescara (Italy) and strategic choices for a sustainable development <i>M. Di Donato, A. Galli & F. M. Pulselli</i>	499
Sustainability of energy use in Estonian settlements and regions <i>H. Hallemaa, H. Vitsur, T. Oja & Ü. Mander</i>	509
Energy approach for the environmental sustainability assessment of the urban water system of Genoa (NW Italy) <i>P. Vassallo, C. Paoli, N. Bazzurro, C. Masciulli & M. Fabiano</i>	521
Hydrogen city <i>C. Jefferson & J. Skinner</i>	531
Final architecture diploma projects in the analysis of the UPC buildings energy performance <i>M. Bosch, I. R. Cantalapiedra, F. López & G. Ruiz</i>	541

Section 9: Sustainable transportation and transport integration

Making liveable and sustainable major urban streets: the case of Begin Road in Tel-Aviv – Jaffa <i>Y. Rofè, R. Shlisselberg, M. Szeinuk, R. Adiv & R. Ishaq</i>	551
Development of sustainable traffic planning: analysis of Danish planning visions 2005 and 2015 <i>S. L. Jeppesen & S. Leleur</i>	561

The ethics of mobility: a framework for assessing mobility paradigms <i>T. Shannon</i>	569
Relevant aspects of automobile user behaviour: a study under the sustainable consumption concept in the transportation sector <i>L. A. Noriega & J. Waisman</i>	579
Effects of a non-motorized transport infrastructure development in the Bucharest metropolitan area <i>M. Popa, S. Raicu, D. Costescu & F. Rusca</i>	589
Is the pedestrian city relevant to the sustainable city? Mobility, urbanization and health <i>K. Maikov & M. Pihlak</i>	599
Evaluating walking promotion policies with regard to mobility representations, appropriations and practices in public space <i>S. Lavadinho</i>	607

Section 10: Traffic and transportation

Suburbanisation and commuting modes in the Tallinn metropolitan area <i>K. Leetmaa, P. Metspalu & T. Tammaru</i>	621
Assessment of the sustainability of the street network in Kaunas city <i>A. Guzys, J. Ilgakojoyte-Bazariene & J. Sapragnas</i>	631
Analysis of transport modes in the urban environment: an application for a sustainable mobility system <i>F. M. M. Cirianni & G. Leonardi</i>	637
First study on mobility for a medium size town: Ciudad Real, a Spanish experience <i>B. Guirao & D. Briceño</i>	647
Sustainable urban transport development: a modelling approach <i>M. H. P. Zuidgeest & M. F. A. M. van Maarseveen</i>	659

Section 11: The community and the city

The burglar as a space explorer in his own neighborhood <i>A. van Nes</i>	671
--	-----

New Urbanism and Chicago <i>N. M. Truog</i>	681
Community-based quality of life indicators for urban areas as derived in Galway City, Ireland <i>F. Fahy & M. Ó Cinnéide</i>	691
Space for community – the study of resident involvement in neighbourhood space management <i>P. Castell</i>	703
The neighbourhood imperative in the sustainable city <i>W. Humber & T. Soomet</i>	713
Linking perceptions of health to neighbourhood environment in the Lisbon Metropolitan Area, Portugal <i>H. Nogueira, P. Santana & R. Santos</i>	723
Community in the city? Social exclusion in neighbourhoods in Hamilton, Ontario, Canada <i>J. Eyles, K. Wilson, S. Keller-Olaman & S. Elliott</i>	733
Sustainability knowledge, attitude and practices of Malaysians <i>M. S. Aini, P. Laily, Y. Nurizan, H. Sharifah Azizah, J. Zuroni & S. Norhasmah</i>	743
Community participation in urban renewal projects: experiences and challenges of the case of Johannesburg, South Africa <i>W. Didibhuku Thwala</i>	753
Section 12: Socio-economic issues	
Small and medium-sized enterprises, employment generation and regional development in Estonia <i>U. Venesaar & Ü. Marksoo</i>	765
Sustainable Scotland: putting environmental justice at the heart of the policy agenda? <i>E. McDowell & C. McWilliams</i>	775
Urban environmental quality: perceptions and measures in three UK cities <i>G. Moore, B. Croxford, M. Adams, M. Refaee, T. Cox & S. Sharples</i>	785

Section 13: Public safety

Pedestrian safety at urban crossings in Estonia
D. Antov, T. Rõivas, H. Rõuk & Ü. Mander.....797

Towards an integral accessible public area in the city
E. De Winne807

The survey of drinking water supply in Estonia from the point of view
of public health
E. Indermitte, A. Saava & A. Kull.....817

Author index827