

# Emerging Issues, Challenges, and Opportunities in Urban E-Planning

Part of the Advances in Civil and Industrial Engineering (ACIE) Book Series

Carlos Nunes Silva (University of Lisbon, Portugal)

## Description:

Recent advances in information and communication technologies have enhanced the standards of metropolitan planning and development. These innovations have led to new opportunities in this evolving profession.

**Emerging Issues, Challenges, and Opportunities in Urban E-Planning** brings together the efficiency of web-based tools and digital technologies with the practice of spatial planning by focusing on the utilization of geographic information systems, computer-assisted design, visualization concepts, and database management systems.

## Readers:

This book is a pivotal reference source for planners, policymakers, researchers, and graduate students interested in how recent technological advancements are enhancing the traditional practices in urban planning.

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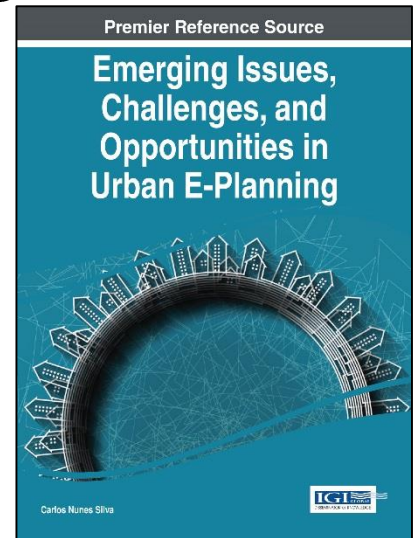
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## Topics Covered:

- Developed vs. Developing Countries
- Geovisualization
- Media and Communication
- Mobile Applications
- Social Movements
- Virtual Reality
- Web 2.0 Tools

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**Carlos Nunes Silva, PhD**, is Professor Auxiliar at the Institute of Geography and Spatial Planning, University of Lisbon, Portugal. He has a degree in Geography (University of Coimbra), a post-graduation in European Studies (University of Coimbra - Faculty of Law), a master degree in Human Geography: Regional and Local Planning (University of Lisbon), and a PhD in Geography: Regional and Local Planning (University of Lisbon). His research interests are mainly focused on local government policies, history and theory of urban planning, urban and metropolitan governance, urban planning ethics, urban planning in Africa, research methods, e-government, and urban e-planning. His recent publications include the books: *Urban Planning in Sub-Saharan Africa: Colonial and Postcolonial Planning Cultures* (2015); *Fiscal Austerity and Innovation in Local Governance in Europe* (2014, co-edited); *Citizen e-Participation in Urban Governance: Crowdsourcing and Collaborative Creativity* (2013); *Online Research Methods in Urban and Planning Studies: Design and Outcomes* (2012); *Handbook of Research on E-Planning: ICT for Urban Development and Monitoring* (2010). He is member of the Steering Committee of the International Geographical Union Commission 'Geography of Governance' (2012-2016). He is the founding Editor-in-Chief of the *International Journal of E-Planning Research* (IJEPER).