

*Springer Book Series:*

# RESILIENT CITIES: Re-thinking Urban Transformation **BOOK 3[BK3]**

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## **TITLE**

### **PLANNING URBAN RESILIENCE: Strategies, Frameworks and Integrated Planning Approaches for the Urban Resilience Transition**

## **KEY WORDS**

Strategic Planning, Urban Planning Procedures, Integrated Planning, Urban system, Transformative Planning, Resilience Transition

## **SCOPE**

Urban resilience transition demands for new strategic approaches to planning, going beyond the classical sectoral spatial planning and integrating economic, environmental and social aspects with mitigation and adaptation, thus creating co-benefits towards a sustainable development. This understanding of a city as a complex system also demands for a non-linear, adaptive and process oriented conception of the urban system, to face the non-deterministic character of climate change impacts. Hence, the role of spatial planning has to be reconsidered and redrafted towards enabling urban resilience transition, in line with corresponding urban management and governance approaches.

The book calls for articles and examples that discuss conceptual and planning frameworks that can enable such an integrative perspective to be conceived, managed and implemented. Case studies and concepts of adapted planning procedures with replication and upscaling potentials that mirror the complexity of the urban system are invited, as well as examples from theory and practice of explicitly systemic strategies that target the urban resilience transition.

## TOPICS

ID	TOPICS	DESCRIPTION
T1	<b>Urban systems resilience transition</b>	<p>How to adapted planning to a conception of cities as complex adaptive systems?</p> <ul style="list-style-type: none"> <li>▪ Process oriented planning and adaptive planning of socio-ecological systems</li> <li>▪ Non-linearity and non-deterministic approaches,</li> <li>▪ Multi-level perspective in transition planning</li> </ul>
T2	<b>Urban Strategies towards resilience: Strategy Development</b>	<p>How to develop an urban transition strategy to ensure resilience?</p> <ul style="list-style-type: none"> <li>▪ Definition of models, vision, objectives and priorities for development</li> <li>▪ The resilience of the strategy – among others: flexibility, redundancy, efficiency strategies ensuring the restoration of basic services, as well as social, institutional and economic activities.</li> <li>▪ Scenario planning (i.e. demographic, economic, climatic, etc)</li> <li>▪ Decision making and prioritization of activities</li> <li>▪ Governance of ‘resilient city planning and management’</li> </ul>
T3	<b>Urban Planning towards resilience: Planning Frameworks</b>	<p>How to translate a resilience strategy into physical urban development?</p> <ul style="list-style-type: none"> <li>▪ Plan making procedure</li> <li>▪ Actions plans: Implementation, management, monitoring and control schemes</li> <li>▪ Investment capacity assessment and prioritizing resource allocation (financial, natural and human resources)</li> <li>▪ Cooperation schemes for the integration of different institutions and stakeholders in the planning and decision making processes</li> <li>▪ Spatial planning as the bridge between strategic plan and the physical development of urban areas</li> </ul>
T4	<b>Integrative planning and generation of co-benefits</b>	<p>How can planning generate co-benefits through an integrative approach?</p> <ul style="list-style-type: none"> <li>▪ Across dimensions (i.e. physical, spatial, ecological, social and economic)</li> <li>▪ Across sectors (i.e. transport, water, waste, etc)</li> <li>▪ Across scales (i.e. transboundary, subsidiarity, etc)</li> <li>▪ Across temporal reaches (i.e. short, long term, etc)</li> </ul>
T5	<b>The role of planner</b>	<p>How the role of planner and planning profession can be reconceived to drive and support the transition process?</p> <ul style="list-style-type: none"> <li>▪ With respect to the development of planning skills and competencies</li> <li>▪ Towards a role of the planner as a facilitator of transition processes</li> <li>▪ Through an innovative education of the next generation of planners</li> </ul>

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