

Springer Book Series:

RESILIENT CITIES: Re-thinking Urban Transformation **BOOK 6[BK6]**

TITLE

PARTICIPATION AND GOVERNANCE FOR URBAN RESILIENCE: EXPLORING CO-EVOLUTION AND CO-DESIGN APPROACHES

KEY WORDS

Urban Resilience, Participation, Co-Evolution, Co-Design, Participatory Future Scenarios, Local Communities Empowerment, Stakeholders Engagement, Knowledge Transfer and Brokerage, Knowledge Co-Creation, active citizenship, social inclusion, popular knowledge.

SCOPE

Participation of local communities and stakeholders is quintessential for strengthening cities' resilience, for facing both climate and global environmental changes, and for responding to key challenges posed by current urbanization dynamics. Communities have an important empirical and historical knowledge of their territories that allows them to understand better environmental and social changes and also gives them practical tools to face those changes.

Empowerment of local communities is also fundamental for urban resilience transitions in the wider frame of sustainable development, especially for communities that are vulnerable to climate change negative impacts including both slow and rapid on-setting disasters; in fact climate change effects can multiply wider sustainable development issues as such as poverty and inequality, access to resources or redistribution of wealth. Thereby empowerment of local communities and strength of social cohesion (particularly on some population sectors as youth, elderly and women) need to be reinforced by truly open and active forms of participation.

To support specific strategies and actions for an integral adaptation, mitigation and risk reduction challenges as well as to Define and implement urban resilience policies and interventions it is required strong forms of governance. New approaches are fundamental for fostering the active participation of all affected actors, this specifically including local communities. Participation should be informed and based on the principles of co-evolution (both of actors among themselves, and between actors and their built/natural habitat) in order to trigger and to strength the creative and innovation potential generated by the knowledge co-creation and exchange among actors, including: public and private sector, academia and research, national and sub-national public administrations, local communities and organizations.

The book aims to collect good practices and articles exploring and analysing the importance of participation for urban resilience transition, this including specifically key issues as participatory development and use of future scenarios, approaches and practices related to co-design of human habitats, theory and practices related to knowledge co-creation, transfer and brokerage.

TOPICS

ID	TOPICS	DESCRIPTION
T1	Local Communities participation and empowerment	This topic aims at exploring forms and practices of participation of local communities in cities (including also women, elderly and young people) facing both climate change and adaptation challenges; with focus on the co-benefit of urban resilience transition in relation to social cohesion and empowerment. This may also include the use of advanced information and communication technologies in the frame of smart cities.
T2	Multi-Actors and stakeholders' engagement	This topic aims at exploring forms and practices of stakeholder's engagement in relation to urban resilience transition, from definition of policies and strategies, to the design and implementation of concrete actions; this including actors from public and private sector, academia and researcher organizations, national and sub-national public administrations, local communities and organizations.
T3	Co-evolution for urban resilience transition	This topic aims at defining co-evolution based approaches for urban resilience, including both theory and practice. The co-evolution is related to both the interaction between different actors and the way in which those actors' actions can strengthen the resilience of their settlements in an integrated manner, through participation and collaboration.
T4	Co-design for urban resilience	This topic aims at exploring theory and practice related to co-design approaches and methods with reference to urban resilience, specifically targeting adaptation, mitigation and risk reduction in conjunction with sustainable urban development issues. This may include examples at different scales from building to neighbourhood and to the whole city.
T5	Participatory future scenarios	This topic aims at exploring theory and practices of participatory future scenarios (i.e. visioning, backcasting, forecasting) for urban resilience and development in relation to climate change and global environmental changes. This includes communities and stakeholders participation and the support of informed policy and decision making.
T6	Knowledge co-creation, brokerage and transfer	This topic aims at exploring theory and practices related to knowledge co-creation between different actors, stakeholders' and communities, including approaches related to multi-actors knowledge brokerage and knowledge transfer, both within the same urban system and between different urban systems.

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