PhD Workshop on ”Framing urban resilience, innovation and development”

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Abstract

Session Premises
This session is organized and proposed by the international Urban Resilience Young Researchers Network (URB-Net), which counts with more than 90 worldwide members and a wide range of different perspectives on resilience and transformation (disaster-based, organizational, infrastructural, demographic, planning, climate focused, ecosystem services-based, resource-based etc). URB-Net was born during the last Resilience Conference in 2011 where the current board members met and started to collaborate. A first book titled “multidisciplinary perspectives on urban resilience” was published in 2012 and this workshop session has been conceptualize to broaden the discussion on (the generic) urban resilience between young scholars, evidencing the multidisciplinary networking success of resilience related research

Topic
This PhD workshop will bring forward the debate on how urban resilience is framed tackling urban system challenges. Recently, different papers brought at light the need of incorporating transition theories, innovation and sustainability science within the concept of resilient city. Since the first approaches and visions related to the concept of urban resilience were built on disasters and engineering resilience perspectives, new challenges and research fields are currently represented by the evolutionary urban resilience perspective. However, clear methods, research questions and scientific coherence are still lacking within urban resilience researches. This workshop will explore how multidisciplinary frameworks can be built including innovation, equity, transition management and sustainability science within urban resilience thinking.

Program

∗Speaker
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This session will bring to the table critical messages from a wide range of disciplines, facilitating the dialogue and bridging perspectives in order to build a common framework for urban resilience studies.

11.30 – 11.35 Opening, introduction of URB-Net and the challenges of framing urban resilience, Dr. Lorenzo Chelleri

Six young researchers from the URB-Net group will than briefly present how they are framing urban resilience in their researchers, emphasizing the tensions between generic and specific resilience perspectives and between engineering or evolutionary perspectives in order to frame urban development and innovation with resilience thinking.

11.35-11.40 Rachna Leveque, PhD candidate (University College of London) Governing for resilience: responding to the complexities of urban densification

11.40-11.45 Josep Maria Torrents, PhD candidate (Universidad Politecnica de Catalunya) Climate Resilience and the planning dimensions

11.45-11.50 Sebastian Becker, PhD candidate (Goettingen University) Drivers for and barriers to transitions towards sustainable lifestyles and communities

11.50-11.55 Deepika Andavarapu, PhD candidate (University of Cincinnati) Introducing the resilient squatters framework

11.55-12.00 Rafael Balanzò, PhD candidate (ELISAVA Barcelona School of design) Introducing Hollings adaptive cycle to frame urban transition and societal resilience

12.00-12.05 Dr. James JJ Waters (Tyndall Centre for Climate Change) Assessing adaptive capacities and social networks as part of resilience assessment in poor urban areas

A second part of this session will be dedicated to an open debate, with the audience and an invited group of senior researchers.

12.05-12.25 Open discussion involving the following invited senior researchers

Dr. Eva-Maria Stumpp (Stuttgart University)
Dr. Sonja Deppisch (HafenCity University Hamburg)
Prof. Thomas Elmqvist (Stockholm University – Stockholm Resilience Centre)

12.25-12.30 Closing remarks, Dr. Lorenzo Chelleri

**Keywords:** Urban Resilience, Multiple perspectives, Approaches