

# BRINGING SCIENCE IN ACTION

## How to Build Urban Resilience: Design Thinking for Climate Action

UCCRN\_edu is an Erasmus+ Cooperation Partnership, launched by world-leading Higher Education Institutions which include members of the Urban Climate Change Research Network (UCCRN), an international consortium dedicated to foster multidisciplinary knowledge-based cross-sectoral action on climate change mitigation and adaptation from an urban perspective.

The project aims to develop an educational alliance to train the next generation of urban climate professionals in navigating the complexity of the interconnected knowledge domains linked to urban climate action in cities.

The seventh UCCRN\_edu Multiplier Event is hosted by IHE Delft and Resilient Delta, supported by the UCCRN\_edu Associated Partner UCCRN European Hub, and organized in collaboration with the Horizon Europe project UP2030 with Resilient Cities Network. It will take place in Rotterdam on 5 and 6 June 2024, with two dissemination sessions linked to the international Conference Urban Future.

The session will reflect upon the need of innovative approaches in urban design, planning, and management to achieve transformative system changes for a climate resilient urban development. These changing needs also necessitate a new breed of researchers and professionals focusing on co-creation by design in research and practice aimed at handling complexity, uncertainty, and system thinking. A  $\delta$ -shaped profile in education and capacity building refers to a model of trans- and inter-disciplinary skills and knowledge that combines both imagination and evidence by design thinking, elevating imagination to an equal level as modelling and analysis of natural and social urban subsystems.

The sessions aim to address the challenges of embracing design-thinking, co-design and evidence-based strategies across disciplines in education for future city practitioners and capacity building for city officials. The underlying and fundamental question is do we need a new breed of researchers and professionals to deliver on this? What do we need to change in current practices?

The discussion with students and representatives from EU and global cities will reflect about the implications and opportunities for innovative approaches.

# UCCRN\_edu Multiplier Event Rotterdam PROGRAMME

Date	Activities	Location
<p>5 June 14:00-15:30</p>	<p><b>How to build urban resilience</b> <b>Happy Neighbourhoods, Happy Cities: Social aspects of transformation</b></p> <p><b>Moderator:</b> <b>Nilofer Tajuddin</b>, City Advisor and Programs Manager at Resilient Cities Network</p> <p><b>Speakers:</b> <b>Kinga Feenstra</b>, Resilience Policy Advisor Rotterdam <b>Ximena Davalos</b>, Het Bollenpandje BoTu Bospolder Tussendijken <b>Dimitra Zouni</b>, Project Officer, Municipality of Thessaloniki <b>Mattia Leone</b>, Co-Director European Hub, UCCRN <b>Peter Weidig</b>, Duisburg "Urban Zero", RISE Fellowship Programme</p>	<p>Ahoy Dock 14</p>
<p>6 June 15:00-17:30</p>	<p><b>Imagination at Work: Design Thinking for Climate Action</b></p> <p><b>Moderator:</b> <b>Chris Zevenbergen</b>, Professor IHE Delft, Chair Flood Resilience Group, Professor of Delta Urbanism TU Delft</p> <p><b>Speakers:</b> <b>Zac Taylor</b>, Academic Lead Delta System Group Resilient Delta Initiative <b>Dan Lockton</b>, Associate professor TU Eindhoven <b>Daniele Rossi-Doria</b>, Researcher International Institute of Social Studies <b>Sake Zijlstra</b>, Researcher TU Delft <b>Cristina Visconti</b>, Researcher in Environmental Design and Technology of Architecture, University of Naples <b>Tikvah Bremer</b>, Studio Blended and UCCRN_edu lead</p>	<p>Gele Keet MH4</p>

