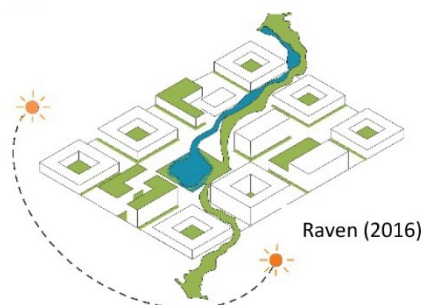
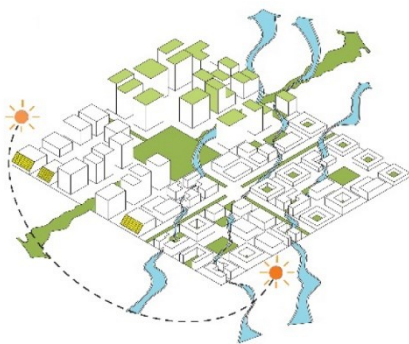
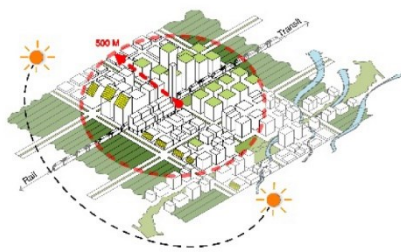


BRINGING SCIENCE IN ACTION

**An educational alliance for Climate Resilient Design,
Planning and Governance of Cities**



Faced with the acceleration of climate change confirmed by the IPCC's Sixth Assessment Report, cities and regions must spearhead cross-sectoral strategies to ensure their urban systems can confront this unprecedented crisis. More than ever, we face an urgent need to establish pragmatic frameworks to enable integrated climate action, requires expanding the agency of urban planning and urban design. In response, students, researchers and practitioners must acquire a transdisciplinary, transsectorial and transnational training to analyze and implement transformation pathways. This is the ambition of [UCCRN.edu](https://uccrn-edu.org), and NSF RCN City-as-Lab research consortiums through their joint-workshop in New York City in June 2022.

The UCCRN.edu is an Erasmus+ Cooperation Partnership, from the European hub of international consortium the [Urban Climate Change Research Network \(UCCRN\)](https://uccrn-edu.org). The Partnership aims at developing an educational alliance to train the next generation of urban climate professionals to navigate the complexity of the interconnected knowledge domains in order to foster urban climate action in research, urban design and policymaking.

The National Science Foundation (NSF) City-as-Lab RCN has a similar mission: 1. Developing research directions for the areas where current knowledge gaps exist; 2. Developing consensus on frameworks for integrated urban systems research, with focus on Food-Energy-Water Nexus; 3. Creating networking consortium to deepen existing early-stage collaborations; 4. Developing a dynamic education program for students with diverse backgrounds; 5. Expanding the network and evaluate the success of the network activities.

At the New York City workshop, research activities will be presented including capacity-building initiatives. The event is connected to the UCCRN-NSF RCN-New York Institute of Technology (NYIT) Urban Design Climate Workshop, which will take place in New York on 22 June, hosted by New York Institute of Technology.

The Urban Design Climate Workshop (UDCW) builds on the work of NYIT graduate students to configure a compact district in NYC to adapt and thrive in changing climate conditions, move toward post-carbon paradigm, and sustain a growing urban population. This UDCW proposes that re-configuring urban form according to climate-resilient principles will strengthen community adaptability to climate change, reduce energy consumption in the built environment, and enhance the quality of the public realm. The UDCW team tests this hypothesis by engaging the district as a climate laboratory, introducing the ideas, representations, and techniques of contemporary urban design and climate science through the lens of a resilient and sustainable built environment.

20 June 2022 Session #1: Field Visit**h. 9:30-15:00**

- Meet at Hunt's Point neighborhood in the Bronx at: Monsignor Raul Del Valle Square <https://goo.gl/maps/wziVvq8c9Vfmr958A>
- Field Visit – Hunt's Point Neighborhood
Reclaiming your Community
Panel discussion: Jeffrey Raven, Mattia Leone, Majora Carter
- Lunch at local restaurant

21 June 2022 Session #2: Research and Capacity-Building**h. 9:30-15:00**

New York Institute of Technology (1855 Broadway & 61st Street); Room 1013

- *Urban Climate Change Research Network (UCCRN): UCCRN Research / UCCRN_edu summary & project results*
Speakers: Maria Dombrov, Jeffrey Raven, Mattia Leone
- *National Science Foundation (NSF RCN) City-as-Lab: Network focus & results*
Speakers: Michael Bobker, Masoud Ghandehari
- *Urban Design Climate Workshops: Lessons Learned from Paris & New York*
Speakers: Jeffrey Raven, NYIT Students
- *Research Roundtable: Scaling up research networks and educational alliances for urban systems and climate*
Panelists: Maria Dombrov, Jeffrey Raven, Mattia Leone, Michael Bobker, Masoud Ghandehari, Mas Candelaria
- Lunch provided

22 June 2022 Session #3: Action - Urban Design Climate Workshop**h. 9:30-15:00**

New York Institute of Technology (1855 Broadway & 61st Street); Room 1013

- NYC UDCW process and Co-design workshop
Facilitators: Jeffrey Raven, Luciana Godinho, Michael Esposito, Sanketa Kadam
- Workshop Presentation: Outcomes & Respondents
Speakers: NYIT Students
- *Action Roundtable: Accelerate climate action in NYC, Phoenix & Global Cities*
Panelists: Jeffrey Raven, Mattia Leone, Christian Braneon, Sanketa Kadam, Michael Esposito, Mas Candelaria, Annie Vanrenterghem
- Lunch provided

