



## SESSION DESCRIPTION

# A3 Building Sustainable and Resilient Cities through the Design of Innovative and Inclusive Urban Landscapes

## Panel discussion

**Date:** Wednesday, 26 June 2019

**Time:** 14:00-15:30

**Rooms:** S30-32

**Language:** English

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**Organized by:** American Society of Landscape Architects  
Professional Practice Network

## OBJECTIVE

By learning diverse examples of urban landscape transformations in USA, EU, and Asia, and engaging with the panelists in a reflection about how their first-hand experiences speak to the process of design thinking, this session proposes participants to gain insights on collaborative, design-driven problem-solving as a means of finding solutions for complex urban/environmental challenges and building more resilient cities. The panel explores questions such as: how can landscape design professionals engage with communities and bring stakeholders together to address city needs and challenges related to flooding, heat waves, droughts, and pollution? How can the design-thinking approach inspire innovative planning processes for resilient city-making? How to bring long lasting benefits inclusively to the public? Rather than providing final answers to these questions, the panel aims to inspire and initiate the discussion of resilient urban landscape potentials.

## OUTCOMES

Participants will gain a better understanding of:

- Landscape solutions in enhancing physical, social, and ecological urban resilience from different urban environments;
- Design thinking and how it inspires innovative pathways and holistic approaches;
- Strategies for co-creation process in making inclusive public landscapes.

## METHODOLOGY

- Opening remarks and background introduction by facilitator. **(5 mins)**
- Panellists will define their perspectives and share their experiences in resilience building. **(5x8 mins)**
- Panel discussion and debate, moderated by guiding questions. **(30 mins)**
- Open questions from the audience. **(10 mins)**
- Wrap up and closing remarks. **(5 mins)**



## Guiding questions:

1. How design/ planning process has changed over time? What are the new challenges and who are the new players?
2. How “design thinking” contributes to a better and inclusive decision making?
3. How to encourage collaborations between community and stakeholders? And how to facilitate co-creation processes towards higher level of social acceptance and ownership of physical transformations?
4. What are the lessons learned? What would you do differently next time? What policy or regulatory frameworks could encourage good practices?

## CONTRIBUTORS

Facilitator *Daniela Rizzi, Officer of Green Infrastructure and NbS, ICLEI European Secretariat, Freiburg, Germany*

Panelist *Michael Grove, Principal and Chair of Landscape Architecture, Civil Engineering and Ecology, SASAKI, Boston, United States*

The integrated landscape approach prioritizes creative solutions that balance development needs with ecological and social imperatives, making cities more livable, equitable, resilient, and just.

Panelist *Antje Stokman, Professor, HafenCity University, Hamburg, Germany*

Strategies of developing infrastructural and ecological systems act as a basis for sustainable urban form and design of urban landscapes; Research, teaching and practice by co-designing and co-producing resilient urban landscapes both locally and globally.

Panelist *Chih-Wei G.V. Chang, Project Director, University of Cologne, Cologne, Germany*

Institutional efforts in quantifying landscape benefits and value in both natural and social aspects. How to utilize these frameworks and metrics as tool-kit to develop localized solution.

Panelist *Kotch Voraakhom, Founder and CEO, Porous City Network, Bangkok, Thailand*

How a landscape architecture social enterprise works to increase urban resilience through productive public spaces and urban ecological parks in Bangkok, Thailand.



Panelist *Lee-Shing Fang, Professor, Sustainable Development and Climate Change Adaptation Committee, Kaohsiung City, Taiwan*

Through decades of efforts and multiple project implementations, Kaohsiung will share its transformation experience from the heavily polluted rivers to a city living in harmony with water. Case studies include storm water detention ponds and wetland restoration.

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### **Further recommended reading**

American Society of Landscape Architects "Smart Policies for a Changing Climate":

[https://www.asla.org/uploadedFiles/CMS/About\\_Us/Climate\\_Blue\\_Ribbon/climate%20interactive3.pdf](https://www.asla.org/uploadedFiles/CMS/About_Us/Climate_Blue_Ribbon/climate%20interactive3.pdf)

A Discourse on Landscape Architecture at the Intersection of Design, Ecology, Resilience, and Research (Article in Landscape Architecture Frontiers)

[http://issuu.com/sasakiassociates/docs/laf034\\_54-61?e=3017900/64632379](http://issuu.com/sasakiassociates/docs/laf034_54-61?e=3017900/64632379)

A Case study of a Real World Laboratory and transformative Science Approach:

<https://www.youtube.com/watch?v=xONSE-tAdD0>

Sustainable Site Initiative:

<http://www.sustainableites.org/>

Porous City Network

<http://www.porouscity.org/>

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