

# CREATING NATURE-BASED CITIES: SYNERGIES OF INTERDISCIPLINARY PLANNING & DESIGN

Judy Bush<sup>1</sup> and Sareh Moosavi<sup>2</sup>

<sup>1</sup>Faculty of Architecture, Building and Planning, The University of Melbourne, Australia

<sup>2</sup> Faculty of Architecture, Université Libre de Bruxelles, Belgium

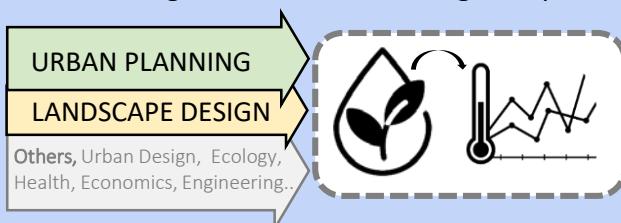
## KEY CHALLENGES OF PLANNING AND DESIGNING NBS IN 21<sup>ST</sup> CENTURY:

- Identifying and prioritising **key functions** to address **local needs**;
- Balancing **conflicting needs in the built environment** and the needs of those **less vocal or visible**;
- Responding to **climate change** using scientific **data**;
- Responding to **uncertainty** in the short- and long-term.

*Urban Planning and Landscape Design have complimentary roles in fostering innovation in operationalising NBS, given their scale and scope of focus in shaping the built environment.*

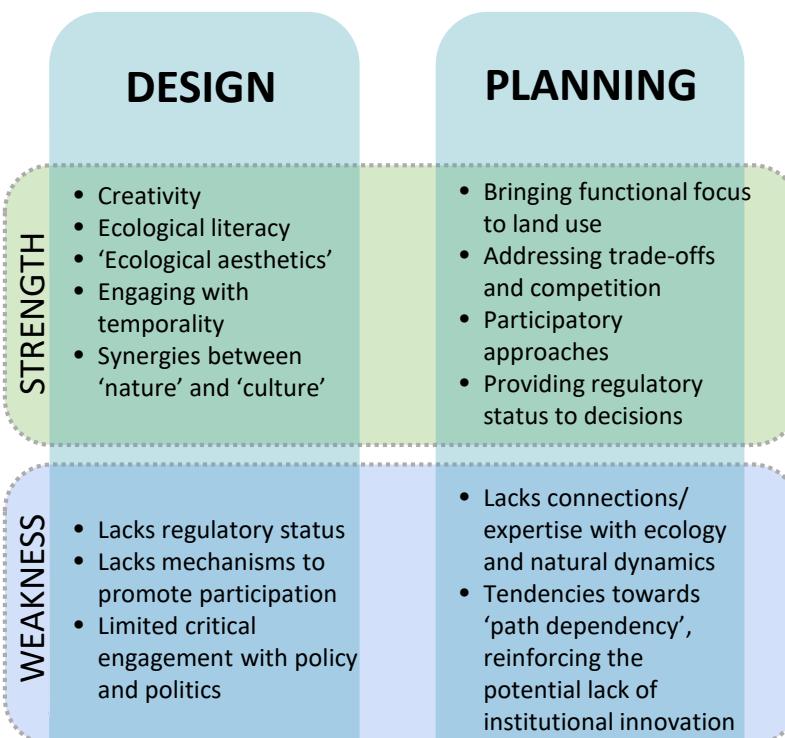
### Research Aim:

To highlight the complementary contributions of urban planning and landscape design in operationalising NbS for climate change adaptation.



CO-CREATING NBS

## DESIGN AND PLANNING NEXUS



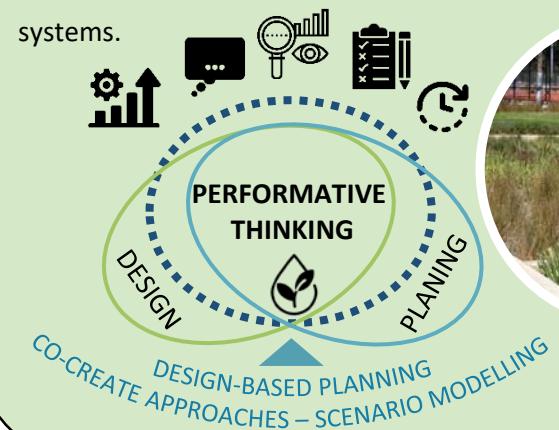
### INTERDISCIPLINARY SYNERGIES

- Integrate **creativity** with **regulatory status**
- Integrate **participatory approaches** into **creative design development – Co-design/Co-create**
- Develop **innovative** approaches to engage with **temporality and change**

## 'PERFORMATIVE THINKING'

*Shifts the focus to the performance of Nature-based Solutions; how they function and change.*

- It provides a mechanism for **data-driven** and **evidence based** planning & design, linking policy, science and practice;
- Enables **adaptive management** and engagement with **uncertainty**;
- Helps fostering **visualisation**, and effective **participation**;
- Supports **performance evaluation** through **experimentation**, e.g. scenarios;
- Engages with **temporality** in nature-based systems.



### References:

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