

## **DeSIRE tenure track position #14: Designing resilient urban climates**

University: Wageningen University & Research  
Faculty: Environmental Sciences Group  
Department: Landscape architecture chair group  
Responsible Professor: Dr. Sanda Lenzholzer, Dr. Rudi van Etteger

### **Description:**

The tenure tracker will be a linking pin in the projects starting from an urban climate perspective, and would relate to water, traffic and energy infrastructure.

The research at the landscape architecture chair group deals with the big challenges; climate change is one of the main topics of interest. In dealing with climate change, resilience is one of the key concepts. The paradigm shift from robust design and failsafe solutions, has to shift to resilient designs that are safe to fail. Working on these topics from a research by design perspective is one of the key issues where a design oriented academic group like landscape architecture can make a significant contribution. Working from a research by design perspective, the projects will be engaged via the development of possible futures and reflecting on these possible futures to find the desirable futures.

Working on this through research and teaching, as required for a tenure tracker, would ensure both the development and dissemination of knowledge into the professional community of landscape architects. Dutch landscape architects are worldwide employed to adapt the environment to the changing needs of the time and would greatly benefit from the developed knowledge within the Desire project.

### **Position in framework of the programme** (please delete what is not applicable):

- Approaches/discipline:  
cross-cutting methodologies based on design
- Scale/application area:  
Mid-size cities/ Urban climate/ Water/ Urban - Infra / Energy

### **Synergy with other tenure track positions:**

- Flood resilience (DUT, Civil Engineering and Geosciences)
- Monitoring the resilience of artificial and natural infrastructure in cities and urbanized deltas (UT, Engineering Technology)
- Spatial transformation of food systems (UT, Geo-Information Science and Earth Observation)