



# SBE19 Graz

SUSTAINABLE BUILT ENVIRONMENT D-A-CH CONFERENCE 2019  
Graz, 11–14 September 2019



## SPECIAL SESSION

### *Urban Green Infrastructure and Re-naturing Cities*

Vera Enzi & Susanne Formanek Innovation Laboratory GRÜNSTATTGRAU, AT  
13 Sept 2019, 09.30am-11.00am | Rechbauerstraße 12, 8010 Graz

## SUSTAINABLE BUILT ENVIRONMENT D-A-CH CONFERENCE 2019

The SUSTAINABLE BUILT ENVIRONMENT D-A-CH CONFERENCE 2019 is part of a major international series of conferences that focus on sustainable buildings and construction. This series, now on a three-year cycle, has become recognized as the world's preeminent conference series in this important field. Graz University of Technology will host the SBE19 in co-operation with University of Natural Resources and Life Sciences, Vienna, Karlsruhe Institute of Technology and ETH Zürich. Within this conference several Special Sessions are organized.

## KEYWORDS AND OBJECTIVE OF THIS SPECIAL SESSION

*Green Infrastructure, Nature Based Solutions, Climate Change Adaptation, Microclimate, Stormwatermanagement, Ecosystem Services, Green Economy, Ecology, Urban Ecosystems, Policy, Monitoring, Case Studies, Demonstration Projects, Green Roofs, Living Walls, Green Facades, Permeable Paving, Water sensitive Urban Design*

The Green Infrastructure Strategy of the European Commission and nature-based solutions grew more visible and important in the last decade, especially serving as climate change adaptation tools for healthier and liveable urban environments and cities. They offer protection against heat and storm water, fresh water and clean air, recreation spaces, secure the future of food and even bring benefits to buildings lifespan and energy efficiency just to name a few. Still, implementation is lacking behind due to multilevel barriers. Stakeholders from Science, Professional businesses, public sector and citizens are therefore working together in European to national research and demonstration projects in order to answer current and future implementation questions for green infrastructure. Nature has to find their space and synergies with other important development areas like Mobility, Energy Efficiency, Digitalization and Social Development.

The focus of this session is to highlight and share current project outcomes of technological improvements certain GI and NBS types and other implementation driving research results, for example in demonstration, monitoring, simulation, certification, finance, policy and co-creation, data, etc. in the European and Austrian community of City of the future and Smart Cities. Insights in integrated planning approaches, targeting other important sustainable future as mobility, energy, digital, neighbourhoods and social cohesion are warmly welcome.

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