



# SBE19 Graz



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

## SPECIAL SESSION

### *Urban Resource Management*

Philip Leistner, Universität Stuttgart, Germany  
12 Sept 2019, 02.15pm-03.45pm | 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 cooperation 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

*Urban Management, Urban Resources, Climate Resilience, Urban Building Physics, Urban Infrastructure, Urban System Modeling, Evaluation Tools, Ecologically balanced Urban System Planning, Space as a Resource*

### Problem Area and Importance

Resource management in the urban context is challenging for urban planners and municipalities. Driven by the overall goal for climate mitigation and resilience, both tangible and intangible resources need careful planning and implementation of their use throughout their life cycle. Especially resources, such as waste, water, energy and surface area, are strongly influenced by the structural or spatial design of the underlying urban system, by implemented technological solutions or system services for sustainable development. Appropriate, integrated and transferable approaches, methods and tools for the analysis need to be provided to support decision-makers in the context of sustainable urban resource management.

### Scope and Objectives

The focus of this special session is the current research practice in the field of urban resource management. It aims to provide for an interdisciplinary framework to discuss and elaborate new approaches and tools for the design and implementation of integrated solutions in the context of urban resources. Insights into innovative analytical methods and challenges for their implementation are welcome.

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