

## Information about the lecture

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<b>Speaker</b>	Dipl.-Ing. Karl Grimm
<b>Title</b>	Rainwater Management in Urban Design
<b>Group of topics</b>	20.06.2017 Rainwatermanagement
<b>Language</b>	German
<b>Content</b>	<p>Rainwater management primarily attends to implementing water policies. These include the preservation and improvement of the water balance, the quality of the water bodies and flood protection. However, the selected measures can create additional benefits. For urban development, these are the creation of stimulating open spaces and micro-climatic improvements, which counteract urban heat island effects. Wet and periodically wet sites contribute to the preservation and development of urban biodiversity.</p> <p>The precise development and integration of all the ecosystem services surrounding rainwater management into high-quality designs is a major future task. Academics in the US coined and analyzed the concept of "Artful Rainwater Design" (ARD). Landscape architecture can draw on a well-equipped range of water related design strategies and elements.</p> <p>In building design architects aim to cast the diverse requirements of uses, technologies and legal frameworks into individual, succinct designs. Similarly in urban open spaces landscape architecture is now challenged to develop precise and resilient design concepts based on ecosystem services.</p>