

## Information about the lecture

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<b>Speaker</b>	Prof. Daniel Roehr
<b>Title</b>	"Living" Roofs in Integrated Urban Water Systems
<b>Group of topics</b>	June 20 <sup>th</sup> , 2017 Rainwatermanagement
<b>Language</b>	English
<b>Content</b>	<p>Living Roofs in Integrated Urban Water Systems:</p> <p>With the infrastructure to manage stormwater threats in cities becoming increasingly expensive to build or repair, the design community needs to look at alternative approaches. Living roofs present an opportunity to compliment ground-level stormwater control measures, contributing to a holistic, integrated urban water management system.</p> <p>This lecture presents the influence of plants as a “living” tool to plan and design living roofs, in the context of effectively mitigating stormwater. Quantitative tools for engineering calculations and qualitative discussion of potential influences and interactions of the design team and assembly elements are addressed. The presentation concludes with built examples and a summary on the achievements of low impact development over the last 10-15 years in North America.</p> <p>Some of the findings of this lecture have been summarized in the article: "Regenwasserrueckhaltung – warum Dachbegruenung weiterhin ein Thema der Zukunft ist", Neue Landschaft 2016/11.</p>