



KTH Land and Water  
Resources Engineering



## *Invitation to seminar*

### **Urban Ecosystem Services – Air, Water, Vegetation and Soils**

When sustainable urban development is discussed, ecosystem services need to be taken into account. These could be provisioning services, such as materials and clean water, regulating services such as climate regulation and flood control, and supporting services such as soil formation, nutrient and water cycling and provision of habitat and recreation areas. For a sustainable urban development it will be necessary to integrate knowledge on ecosystem services in urban planning.

The seminar is organized by the Department of Land and Water Resources Engineering at KTH and is free of charge. The target group for the seminar is researchers and professionals but it is open for all interested. The seminar on October 13 will be a co-event to the EU Green Capital Conference on Urban Nature – Biodiversity and Ecosystem Services (October 14-15, 2010) arranged by KTH, Stockholm City and the Office of Regional Planning, and will be held in English. For more information, please contact Ulla Mörtberg, [mortberg\[at\]kth.se](mailto:mortberg@kth.se).

**Time: October 13, 2010, 13:15-16:00**

**Place: V2, Teknikringen 76, KTH Campus**

**Registration: e-mail to Ulla Mörtberg, [mortberg\[at\]kth.se](mailto:mortberg@kth.se)**

### **Programme**

13:15 – 13:40	Introduction	<i>Ulla Mörtberg</i>
	Urban ecosystem services - green and blue structures	
13:40 – 14:00	Micro-climate and air pollution in urban green and grey areas - monitoring and simulations	<i>Per-Erik Jansson</i>
14:00 – 14:20	Soil quality in urban areas – the interactive building-a-soil game	<i>Jon-Petter Gustafsson</i>
14:20 – 14:50	Coffee break	
14:50 – 15:10	Surface water in urban landscapes	<i>David Gustafsson</i>
15:10 – 15:30	Can we avoid damage on groundwater and infrastructure due to sub-surface construction?	<i>Bo Olofsson</i>
15:30 – 16:00	Discussion	
	Information on Urban Nature Conference	