

## **BRIDGING THE GAP BETWEEN DISCIPLINES TO SOLVE FUTURE WATER CHALLENGES IN CITIES, WITH EXAMPLES FROM THE UK**

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### **ABSTRACT (TIMES NEW ROMAN, 10PT, BOLD, ALL CAPS, CENTERED)**

Our water resources and environments both, above, and below, ground are a key component of our future cities. The use of research and information of our waters is an essential component part of the evidence required for governments to be able to develop new spatial solutions to deliver key priorities: to deliver required housing alongside better places; to find new integrated solutions to reducing our emissions by 80 per cent by 2050; to develop vibrant economies, alongside new transport and energy pathways; and to increasing the resilience of communities to environmental change.

The Planning Bill (2017) Scotland, positions national planning policy and to be Scotland's core spatial policy, to delivering Scotland's Energy Strategy, Economic Strategy and Climate Change delivery plan. Water resources and City Regions play key component roles in meeting these challenges, and to developing resilient people and places. To meet these challenges, and to utilise and manage water resources to greatest effect in new placemaking approaches, the Bill calls for new ways of collaboration across professions to support future policy approaches.

This talk discusses some of the work and case studies being led in Scotland to support city development policy processes, to: develop a collegiate understanding of what types, scales and layering of environmental evidence are required to help support local development planning policy deliver key priorities; key challenges and opportunities for management of water resources; and, what communication and connectivity between organisations and disciplines are required to increase the accessibility, and impact, of environmental information, to planning policy and holistic placemaking approaches. A comparison to work within planning policy in Oslo highlights the international pertinence and transferability of this discussion.

**Keywords:** Planning Policy, Connectivity, Understanding, Transformation