



## Green Solutions for Resilient Delta Cities



**25 September, 9.00 – 10.45 | Venue: Penn Room I | Deltas in Practice 4.3**

**The climate is changing at the same time as we see enlarging and more densely populated urban delta areas. We need to find new and innovative ways to keep people in urban areas safe from chronic and acute stresses such as flooding and poor water quality whilst maintaining a desirable environment. Green approaches may be the solution.**

Green approaches and solutions are increasingly proving themselves. Examples include coastal mudflats and salt marshes to reduce storm damage to waterfront areas. Whether alone or combined with traditional hard infrastructure approaches, they are often more adaptable, cost-effective and bring co-benefits such as nature development and recreation. However, for a variety of reasons it remains a challenge to bring these solutions into mainstream consideration in planning and investment decision-making.

### **What are the challenges for green solutions in delta cities and how we overcome these?**

By the end of the session we will have identified the key stresses being faced by cities, some of the green options available to overcome these and the challenges to bringing them into being.

### **Workshop set up:**

Short inspiring presentations, case studies, expert views and roundtable discussions.

### **Speakers:**

- Chaired by Arnoud Molenaar, City of Rotterdam
- Introduction - by Jane Madgwick, Wetlands International
- How cities adapt through use of green infrastructure - Bregje Wesenbeek, Deltares
- Urban greening and improved quality of life in Rotterdam - Pieter de Greef, City of Rotterdam
- St. Louis, Senegal: Planning for a sustainable city - Ibrahima Thiam, Wetlands International
- New Orleans, United States: Lessons learned from coastal defence - David Waggoner, Waggoner and Ball Architects

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