

# Future-Thinking in Flood Risk Management

## Flood and Coastal Erosion Risk Management Network Annual Assembly 2016

June 29<sup>th</sup>, Hotel Mercure, Newcastle

### Future-Thinking in Flood Risk Management

9.15am Welcome by Prof Garry Pender

9.30am **Prof Hayley Fowler, Professor of Climate Change Impacts, Newcastle University**

- *An Uncertain Future: Climate, Weather and Flooding*

10.00am **Phil Younge, Environment Agency**

- *The Future of Flood Risk Management*

10.30am – Questions

10.45am – Coffee

### Research into Practice – Lessons from Industry

11.15am **David Wilkes – Global Flood Resilience, Arup**

- *Engineering Future Cities, Blue-Green Infrastructure*

11.30 am **Stephen Garvin, Director Global Resilience Centre, BRE**

- *Adapting to change – multiple events and FRM*

11.45am **Jaap Flikweert - Flood and Coastal Management Advisor, Royal HaskoningDHV**

- Resilience and adaptation: coastal management for the future

### Sharing Best Practice – Just 2-minutes (12.00 – 12.40pm)

Mini presentations from delegates sharing output, experience and best practice

### Lunch (12.45-1.30pm)

Delegates should check their badge and go directly to their breakout room at 1.30pm

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### **Parallel Breakout sessions – Tools for Future FRM (1.30pm –2.20pm)**

#### **Workshop 1 – Crowd-Sourcing Data and Citizen Science**

*An exploration of tools used to source environmental data from the public led by Nicola Osborne CSCS Network with case studies from SEPA*

#### **Workshop 2 – Multi-event modelling for resilience in urban planning**

*An introduction to tools for simulating multiple storm events with consideration of the impacts on planning in urban environments with case studies from BRE and Scottish Government*

#### **Workshop 3 – Building Resilient Communities**

*Best-practice guidance on engaging with communities to build resilience, led by Dr Esther Carmen with case studies from the SESAME project*

### **Filling the Gaps– Future Projects (2.30pm –3.40pm)**

2.30pm – Breakout time for discussion around future needs and projects (with coffee)

3.45pm Feedback from groups

4.00pm Final Thoughts from FCERM.net – Prof. Garry Pender

4.30pm Close