

Sustainable and Resilient Water Infrastructure: Flood Risk and Resilience

Loughborough University, 16th September 2016

Network aim

- To nurture the development of novel methodologies and tools of building resilience into networked risk management of critical infrastructure systems.
- **Network Themes**
 - Risk analytic paradigms
 - Networked risks and tipping points
 - Metrics and intervention strategies



Network activities

- **Conferences, workshops and seminars**
We provide a range of mechanisms to develop new ideas.
- **For researchers:** funding is available to facilitate pilot studies, hot topic workshops, staff exchanges and international collaborations.
- **For engineers:** develop collaboration with the research community, steer research efforts etc.



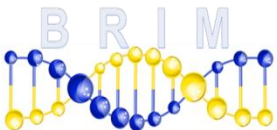
Schedule for the day

- 9:45 Welcome and Introduction **GF**
- 10:00 Safe & SuRe water infrastructure **DB**
- 10:25 Linking community resilience and infra. resilience **SB**
- 10:50 Harnessing water for a city's future success **GB**

Coffee Break 11:15 -11:45am

- 11:45 Natural flood management and catchment approach **IP**
- 12:10 Real options for resilient flood risk management **ZK**
- 12:35 Use of UAV technology for flood mapping **MC**

Lunch 13:00 – 14:00pm (Burleigh Court Restaurant)



Schedule for the day

- 14:00 Separating the risk in flood risk modelling – Richard Allitt
- 14:25 Flood risk and drainage management in a changing climate - Enrico Isnenghi
- 14:50 Proofing the concept of sustainable drainage schemes using an integrated urban drainage model - Anthony Raine

Coffee

- 15:15 Brainstorming Session I
- 15:45 Brainstorming Session II
- 16:15 Discussion and Feedback
- 16:30 Complete

