

Practical Solutions for a New Era of Flood Risk Management

21 October 2008, The Met Hotel, Leeds



This practical, solution-focused event is designed to address the key issues for problem holders, consultants, contractors and regulators. Get concise explanations, best practice examples, practical discussions, and answers to a broad range of problems and issues, all in one day, all in the North of England

- Responses to the Pitt Review: how will the recommendations affect the future of brownfield sites?
- How to meet the requirement of a FRA and demonstrate this effectively?
- How to draw up SWMPs and overcome the challenges?
- Sequential and exception tests explained, and the planning application process
- SUDS: Higher up the hierarchy but are they all fit for purpose? Explore features, pitfalls and discover what makes a good SUDs scheme
- How will the new era of integrated strategic flood risk management affect you?
- Responsibilities and incentives for property owners and developers
- Plus case studies and best practice

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Practical Solutions for a New Era of Flood Risk Management

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Background

In June 2008 the government published its proposed restructure for the future of flood risk management. These include a proposal that local authorities take more of a leading role in managing surface water flood risk and local drainage. But how will this work in practice? Has there been sufficient funding to enable this stark shift? What collaboration will be required to implement the future changes and how will this work on the ground?

This year's *Brownfield Briefing* flooding conference tackles head on some of the major challenges going forward, to enable and implement the proposed changes. What needs to be done to ensure improvement of our management of surface water drainage? How will the post Pitt era of flood risk management work and how to manage the ongoing tension between the demand for housing and the risk of flooding?

Who should attend?

National agencies
Local Authorities and regulators
Environmental consultants
Civil and environmental engineers
Designers and planners
Architects
Hydrogeologists
Environmental contractors
Water agencies
Surveyors
Insurance companies

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9.00 Registration and coffee

9.30 Chair's welcome and opening keynote: recommendations and responses to the Pitt Review and the Way Forward

Following the devastating floods of 2007, Michael Pitt was commissioned to write an independent review into flood risk management. The report was published on 25 June 2008 and makes 87 recommendations. These recommendations have implications across agencies and highlight a real need for a more cohesive approach to flood risk management.

- How will current legislation be affected?
- Is there enough being done to ensure funding is in place?
- How will the recommendations affect the future of brownfield sites?
- What does this mean for building standards/regulations?
- What does it mean for urban layout, urban design and building design?
- What does it mean for the communities that have to live there?
- What needs to be implemented to make way for a better future?

[David Balmforth, Editor-in-Chief
Journal of Flood Risk Management](#)

9.55 PANEL DISCUSSION: The proposed restructure and government take up of Pitt Recommendations

- Agency responses to the review
- Developing understanding of flood risk
- Confidentiality across organisations
- Managing flood risk – the cost and responsibilities
- The right to connect – how will this affect SUDs
- Flood resistance and resilience methods – who will bear the cost and who has the resources to implement methods
- The leadership of surface water flooding and drainage
- Development control

[Cllr Michael Haines](#)

[Deputy Chair of the Environmental Board
Local Government Association](#)

[Jim Marshall
Executive Business Advisor
Water UK](#)

[Tom Crossett
National Flood Forum](#)

[Phil Younge
Regional Flood and Coastal Risk Manager
Environment Agency](#)

10.55 Q&A panel and discussion

11.10 Coffee and tea break

11.35 What makes a good SUDs scheme?

- Practical orientation
- The features of a good scheme
- Is your scheme fit for purpose?
- How do Local Authorities regulate SUDs schemes?
- Who is responsible for maintenance?
- How can we retrofit them to existing urban areas?
- Good practice guidance
[Fola Ogunyoye
Royal Haskoning](#)

12.00 CASE STUDY: New development at Lamb Drove, Cambourne

- Residential scheme 35 affordable homes
- Project specifically designed to showcase innovative water management techniques including SUDs and property flood proofing
- Range of SUDs measures
- Achievements and lessons learnt
[Wendy Hague
Cambridgeshire County Council](#)

12.25 Sequential and exception tests explained

- Guidelines for sequential and exception tests
- What measures need to be taken in order to effectively accomplish the tests?
- Is there a variation in acceptance



across the country and can this be explained?

- Planning application process and link to FRA

Steve Williams, Planning Manager
South Holland Council

12.50 Q&A panel and discussion

1.05 Lunch break

1.50 How to meet the EA's requirement of a FRA and demonstrate this effectively

- Analysing compliance with Planning Policy Statement 25 (PPS25)
- Regulatory frameworks
- Current design solutions
- Strategic development and flood reduction
- Modernising responsibilities for flood risk management – how will this affect the EA's requirements for FRAs?
- How do we get SFRAs and FRAs to address all aspects of flood risk (for example sewer and groundwater flooding), not just river flooding?

Ian Heijne

Head of River and Coastal Unit
Atkins

2.15 Building for flood resilience

- Construction issues
 - Interfaces with PPS25
 - Flood risk assessments and building on potential flood plains
 - Design guide on flood resilient construction
 - Building design
- Mike Johnson
Principal Technical Policy Officer
(Water and Flooding)
Communities and Local Government

2.45 Q&A panel and discussion

3.00 Coffee and tea break

3.25 PRACTICAL SESSION: Surface

Water Management Plans

- How to draw up SWMPs and what should be considered
 - Achieving the vision: DEFRA report
 - What policies are available to encourage more effective and sustainable management of surface water?
 - Surface water management plans as a tool
 - Improving the co-ordination between stakeholders
 - Responsibilities and incentives for property owners and developers
- John Oldfield
Bedford Group Drainage Board

3.50 CASE STUDY: Making space for water, urban flood risk and integrated drainage

The Lower Irwell IUD Project considered Integrated Urban Drainage (IUD) from a strategic perspective, using the Lower Irwell area as a focus for the project and as a location upon which to illustrate and demonstrate project findings.

- Review and best practise
- Barriers and challenges faced
- New technically feasible options for reducing flood frequencies
- Integrated urban drainage management
- Flood risk assessment requirements, data availability, level of risk and scale of application
- Current institutional arrangements and responsibilities
- The current skills gap
- Financial implications

Dr Virginia Stovin
The University of Sheffield

4.15 Q&A panel, round-up and closing discussion

4.30 Networking reception

Key benefits to attend and key issues to explore

Get expert information and advice on practical flood risk management

Cover a wide variety of problems and solutions in a one-stop event held in Leeds, so you can avoid travelling to London, save time and money

Get all the new developments following the Pitt review and find out how the policy will be put into practice

Discuss case studies, policy and the future of flood risk management

Network with key specialists and share experiences

Discover how to overcome SWMP challenges

Evaluate SUDS schemes: what makes a scheme fit for purpose and best practice

Explore measures to successfully use the sequential and exception tests

Demonstrate you've met the EA requirements of an FRA

Learn about new innovative water management techniques

About us

Brownfield Briefing is designed to bring you the latest news in all areas of brownfield development. Providing comprehensive coverage, expert analysis and authoritative comment from key figures in the industry, along with the latest developments in contaminated land, waste and policy issues, it is the definitive source for professionals involved in previously developed land. For more information, go to www.brownfieldbriefing.com

Sustainable Building is a new newsletter on energy efficiency and green building. Every month it will give you news, features on using renewable energy, analysis of energy policy, a legislation tracker and case studies of good practice. For more information, go to www.sustainable-build.com

