

Foresight Flood and Coastal Defence Project

Conference 27 April 2004

UK flood risk 2030-2100: Responding to the challenge

Venue: Institution of Civil Engineers
1 Great George Street, Westminster, London, SW1P 3AA

Conference chair

Sir David King KB ScD FRS

**Chief Scientific Adviser to HM Government and
Head of the Office of Science and Technology**



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27 April 2004 Institution of Civil Engineers, 1 Great George Street, London

The conference will present the findings of the newly completed Foresight Project on Flood and Coastal Defence. It will also discuss implications for both public and private sector stakeholders in the UK.

The UK Government's *Foresight* programme is managed by the Office of Science and Technology. *Foresight* aims to provide challenging visions of the future, to ensure effective strategies and policies now. It does this by providing skills in science-based futures projects and unequalled access to leaders in government, business and science.

The aim of the *Foresight* Flood and Coastal Defence Project is to produce a challenging vision for the future of flood and coastal defence over the next 30-100 years that takes account of the many uncertainties, but is robust, and can be used as a basis to inform policy and its delivery. The Project covers all of the UK, and considers a wide range of types of flooding (fluvial, coastal, estuarial and urban) as well as coastal erosion.

The Project has been performed by 60 leading experts in a range of disciplines including climate change, engineering, social and environmental sciences, risk analysis and computer modelling. The work has been conducted in two phases: the first assessed the mechanisms and risks of future flooding and coastal erosion for different future scenarios – the results of this phase were announced in the summer of 2003 and will be briefly reviewed in this conference. The second phase has used sustainability measures to assess and compare a wide range of techniques for managing the future risks – these include managing the rural environment and urban fabric, managing flood events, measures to minimise the impact of floods, engineering and managed realignment. The conference will present the findings of this second phase in detail and will include a discussion involving the audience on the implications of the findings for Government and the private sector.

This event will be of interest to a wide spectrum of professionals who are concerned with flooding and coastal erosion and its interaction with the environment, society and the economy. These will include policy makers in central and local government, environmentalists, sociologists, economists, planners, scientists and engineers as well as professionals in the insurance and property sectors.

The conference proceedings will include an executive summary of the project and scientific overview reports of the two major phases of the project.

www.foresight.gov.uk

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09:30 **Arrival and coffee**

10:00 **Keynote address:**
Sir David King, Chief Scientific Adviser to HM Government

Session 1 – Project overview:
Professor Edward Evans

- Project methodology and approach
- Future risks of flooding and coastal erosion: key challenges

Session 2 – Responding to fluvial and coastal flood risks:
Professor Colin Thorne, University of Nottingham

- Assessment of individual approaches
- Assessment of an integrated approach to flood risk management
- Key choices

Lunch

Session 3 – Responding to intra-urban flood risks:
Professor Richard Ashley, University of Bradford

- Assessment of approaches
- Case examples
- Key choices

Session 4 – Governance and sustainability considerations:
Professor Andrew Watkinson, University of East Anglia and Tyndall Centre

- Options for responding to the future challenges: economic, social and environmental considerations
- Governance implications

Session 5 – Strategic choices for the public and private sectors

- Overview of strategic choices
- Open discussion involving the audience

Closing remarks: Sir David King

17:00 **Drinks reception**

note: this programme may be subject to change



Registration Form

UK flood risk 2030-2100: Responding to the challenge

27 April 2004 Institution of Civil Engineers, 1 Great George Street, London

Title Forename Surname _____

Organisation Position _____

Address _____

Postcode _____

Telephone Fax _____

E-mail _____

NOTE: Please complete separate forms for each delegate. Photocopies of this form are acceptable

Delegate fee: £100 including VAT

Method of payment:

I enclose a cheque for £ _____ (made payable to **Thomas Telford Limited**)

Please debit my **MasterCard – Visa – Switch – Delta – Amex*** card by £ _____

(*Delete as applicable)

Card Number Issue No:

Card Expiry Date: Cardholder Name _____

Cardholder Signature _____

Please provide a Credit card billing address if different from above:

Alternatively, please invoice (UK Delegates only) Purchase Order: _____

Please return to:

Juliet Hutchings: ICE, 1 Great George Street, London SW1P 3AA

Tel: 020 7665 2318, fax: 020 7233 1743

E-mail: Juliet.hutchings@ice.org.uk

Notes

- Please note that we are unable to accept provisional bookings.
- For cancellations received in writing before 1 April 2004, an administration fee of £50 will be charged. No refunds will be given after this date, but substitute delegates will be welcomed. Non-attendance at a conference will be considered a late cancellation and the full fee will be payable.
- Bookings taken less than two weeks prior to the conference will only be accepted with a cheque or credit/debit card. ICE conferences are unable to raise invoices after this date.
- Please contact Juliet Hutchings at ICE Conferences if you have not received joining instructions two weeks before the conference to confirm that your booking has been received.