



Water Resource Associates

A network of consultants in hydraulics, hydrology, groundwater & environmental issues

Project title: Review of Flooding in the Thames Valley

Summary: Provision of expert support in river hydraulics and flood hydrology to The Upstream Group [TUG] during the deliberations of the Flood Risk Action Group [FRAG] for Hurley to Wraysbury, set up by the Environment Agency, after the January-2003 floods.

Client: The Upstream Group (TUG)	Financed by: TUG & Macdonald Hotels
Period of assignment: Jul 2005 – Oct 2006	Location: Lower Thames Valley
Project Value: £8 850	WRA services: £8 850
In co-operation with: Environment Agency Thames Region	Background The review focused on developing an understanding of the characteristics of the January 2003 flooding and the operational management of the river by lock-keepers and other Environment Agency staff. A comparison was made with other historically significant floods with the aim of highlighting and explaining differences. A review was also made of flood frequency and the process of mapping and classifying flood risk in the insurance business. An assessment was made of the impact of recent flood defence works at Cookham, North Maidenhead and the Jubilee flood relief scheme, which comprises a new channel between Maidenhead and Windsor.
<p>The Thames Catchment</p>	
Dec-02 Rainfall across the Thames catchment 	Scope of work by Water Resource Associates Ltd WRA prepared an assessment report of the Thames flooding, advising TUG, and participating in the preparation of a Mechanisms of Flooding report, published by the FRAG. WRA also prepared a flood risk insurance package to help TUG members in acquiring property insurance. This document was later adopted by the Environment Agency. The assignment included public presentations, communication with the press, and participation in FRAG open days and EA meetings.
Impact of Changing Climate on Flood Frequency 	

Project Number 000112

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