



Water Resource Associates

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

Project title: Flood Forecasting Modelling Platform – Environment Agency Southern Region (UK)

Summary: Development of flood forecasting software for south-east England

Client: Environment Agency (UK)	Financed by: Environment Agency
Period of assignment: 1998-1999	Location: Worthing, UK
Project Value: £5 000	WRA services: £5 000
In co-operation with: Oxford Scientific Software	Background
	<p>The UK's Environment Agency is charged with the responsibility of issuing flood warning for UK rivers. The Southern Region of the Agency wished to improve the accuracy and lead time of forecasts with the use of PC based models linked to their real-time telemetry system. Reliable software, delivered on time and to budget was required handle the interaction with the user, telemetry data files, execution of an arbitrary number of hydrological models and presentation of results.</p>
	WRA Scope of work
	<p>WRA were commissioned to write the software to accomplish the task described above. An easy to use solution was provided based on experience in writing robust applications such as the HYSIM rainfall/runoff model and RESSIM Water Resource system simulation software. The Flood Forecasting Platform is a 32 bit Windows 98/NT application</p>
Results	
<p>The Flood Forecasting Platform was delivered on time and to budget and is now undergoing deployment to flood forecasting staff throughout the region</p>	
	

Project Number 000049

Directors

Frank A K Farquharson
Paul A C Holmes
Dr A Nick Mandeville

Ronald E Manley
Dr Andrew J Wade
Professor Paul G Whitehead

Head Office:

PO Box 838
Wallingford
Oxon OX10 9XA

Tel: +44 (0) 1491 838190
E-mail: info@watres.com