

Matthew S HORRITT BA PhD CEng CWEM MCIWEM
Telephone +44 1989 770966
+44 7501 510201
Fax None
Email matt@horrittconsulting.co.uk
Website www.horrittconsulting.co.uk
Born 1971

Address 1 Tredunnoch Barn, Llangarron, Ross-on-Wye, Herefordshire HR9 6PG

Employment

2011 - Present Independent Consulting Engineer
2014 Flood Risk Modelling and Mapping Technical Specialist, Philippines/Voluntary Service Overseas
2010-2011 Local Government Watershed Management Advisor, Indonesia/Voluntary Service Overseas
2007-2010 Specialist Modeller, Halcrow Group Ltd.
2005-2006 Lecturer in Civil Engineering, University of Bristol.
2001-2007 Consultant, Geostandards Ltd.
2001-2004 NERC Research Fellow, University of Leeds and University of Bristol
1998-2001 Post-doctoral Research Fellow, University of Bristol

Expertise

An experienced chartered engineer, researcher and scientific programmer, working as an independent consultant developing approaches to environmental and flood risk management in the UK and abroad. 20 years' experience in research and development in industry and universities; extensive experience in technical training; developing practical solutions for flood risk management for a wide range of clients and applications; and experience of working with development NGOs in Indonesia and the Philippines. Expert in hydraulic modelling, hydrology, statistics, joint probability analysis, GIS and remote sensing.

Recent Jobs

Winner of innovation award in Defra Flood Risk Management and Modelling Competition, for entry *Towards a flood resilient Eden Catchment, Cumbria*
Technical lead on Climate Change Risk Assessment for Committee on Climate Change, developing emulator to perform rapid national scale assessment of climate impacts and adaptation measures
Technical lead for Joseph Rowntree Foundation project *Flood Resilience in Disadvantaged Areas*, using emulator approach to combine flood risk and census information to highlight areas of flood disadvantage
Developed and applied MAST (Mapping All Sources Tool) for England Environment Agency to combine flood risk from difference sources; applied approach for Lincolnshire and Buckinghamshire local authorities
Developed statistical modelling approach for flood event set generation for insurance catastrophe modelling
Technical lead for developing modelling approach and uncertainty analysis for national mapping project in Taiwan for insurance client
Developed new linked surface-groundwater flood model for Innovate UK
Provided hydraulic modelling, hydrology and flood risk assessment for many Rivers Trust projects involving weir removal, channel works and fish pass design

Countries

Indonesia, Philippines, Brazil, China, Ireland

Languages

French (basic), Indonesian