



EVENING MEETING

Monday 20th February 2017 at 6:00pm

One Great George Street, London
(Nearest tube: Westminster)

Environment Agency – Reservoir Research Projects Update

By

Alan Warren & Tom Rosenberg (Mott MacDonald Ltd)

Andy Courtnadge (Jacobs)



Photograph courtesy of the Environment Agency

For a brief synopsis see overleaf

Admission free
Teas available from 5.30pm

For more information please contact
Tim Fuller (BDS Secretary) on 020 7665 2234 or email : bds@ice.org.uk

This meeting will also be streamed live on the internet. For more details on how to view this meeting online please visit the BDS website.



Environment Agency Reservoir Research Projects Update

Synopsis

The presentation will be in three parts:

- 1) The strategy for reservoir safety research has recently been updated by the Environment Agency. The presentation will explain the process of review, consultation and engagement with the reservoir industry and universities through which new research proposals were identified and ranked. The presentation will summarise the research projects which are likely to be delivered over the next ten years and the mechanism by which these and emerging research needs will be delivered.
- 2) A new guide for the design, operation and maintenance of flood storage reservoirs has recently been published by the Environment Agency. The adaptation of existing reservoirs to provide storage for floodwater is also covered. The report is intended for use by a wide range of stakeholders including planners, developers, reservoir owners, asset managers, designers, contractors, regulatory engineers/advisors, environmentalists, educational institutions and the public. The presentation will provide an overview of the new guide.
- 3) A new guide to drawdown capacity for reservoir safety and emergency planning is due to be published in 2017. The guide will provide a consistent approach for assessing what constitutes an adequate drawdown capacity, i.e. the ability to lower a reservoir's water level at an appropriate rate in an emergency. The presentation will summarise key findings from research on the subject and will give an overview of the new guide.

Biography details for the presenters

Alan Warren

Alan Warren is an All Reservoirs Panel Engineer and Technical Director with Mott MacDonald based in Bristol. He has over thirty years' experience in dams and hydropower projects. He has worked with the Environment Agency on a wide range of reservoir research projects.

Tom Rosenberg

Tom Rosenberg is a senior civil engineer with Mott MacDonald based in Bristol. He is a chartered civil engineer with eight years' professional experience covering the design, operation, remedial and improvement works to dams and river structures.

Andy Courtnadge

Andy Courtnadge is a Supervising Engineer with Jacobs in Reading. He is a chartered civil engineer with over twelve years' experience in dams and reservoirs, from reservoir supervision to the design and construction of remedial works and new dams.

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