



The British Dam Society

EVENING MEETING

Monday 4th October 2021 at 6:00pm

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

Independent Reservoir Safety Review

Professor David Balmforth BSc PhD CEng FICE FCIWEM
Past President Institution of Civil Engineers



For brief presenter biography see overleaf | Admission free | Teas available
from 5.30pm

This meeting will be streamed live on the internet. For more details, please visit the events page
on the BDS website: www.britishdams.org

For more information please contact the ICE on 020 7665 2147 or email: societyevents@ice.org.uk

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Synopsis

The presentation will cover the work undertaken for HM Government to review the safety of reservoirs in England. It will set out the approach to the review and the assessment of the current safety management process and the role of:

- the owner;
- surveillance personnel;
- operation and maintenance personnel;
- the Supervising and Inspecting Engineers;
- and the Regulator.

Professor Balmforth will explain how he arrived at his conclusions and why he made the recommendations he has made. He will also discuss the other possibilities he considered but did not implement. In particular the presentation will deal with the relationship between the reservoir industry and the public and will explore what we mean by safe. Although the presentation is focussed on reservoirs, it has implications for all infrastructure sectors.

Presenter Biography

David Balmforth is an independent consultant specialising in flood risk management and urban pollution control. He is a Past President of the Institution of Civil Engineers and until 2020 worked as an Executive Technical Director with the international engineering consultancy Stantec. His more recent work has ranged from the delivery of £multi-million engineering programmes in the water industry, to flood advisory work for municipalities in the UK and overseas, with a particular focus on climate change adaptation. He has worked on the alleviation of flooding and water pollution in London, Auckland and Singapore, and on low carbon solutions to river pollution in the South of England.

David is a member of the UK Government's Roundtable on Property Flood Resilience. In 2016 he was a Specialist Advisor to the UK Government Select Committee Inquiry into the Future of Flood Prevention and a member of the Scientific Advisory Group to the National Flood Resilience Review, and he served as a member of the UK Government Review (Pitt Review) of the 2007 Summer Floods.

David chaired the ICE's Reservoirs Committee for six years and recently completed a Review of the Toddbrook Reservoir Incident and an Independent Review of Reservoir Safety for the UK Government

David is a Visiting Professor in the Department of Civil and Environmental Engineering at Imperial College London. He has published over 50 papers, book contributions and industry design guides and in 2016 was awarded the Chartered Institution of Water and Environmental Management's WaPUG Prize for his distinguished service in the field of urban drainage. He is currently a member of the UK's National Infrastructure Commission's expert advisory panel on climate resilience and a member of the Singapore Government's expert panel on coastal protection.