



The British Dam Society

EVENING MEETING

Monday 4th March 2024 at 6:00pm

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

The Victorian approach to the sustainability of British Dams

PJ Rigby, United Utilities
A N Thompson, United Utilities



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

This meeting will be streamed live on the internet. For more details, including enjoying the live stream as part of a group at one of our Regional Hubs around the UK, please visit the meetings page on the BDS website: www.britishdams.org

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

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Synopsis

There has been much talk in recent times about the need to adopt a sustainable approach in every area of our lives. So what is behind the drive to sustainability? According to the United Nations (2019) there is estimated to be over 10 billion people living on the planet by 2100 with the consequent increase in demand for energy and resources. The need to be sustainable will not be a choice but a necessity.

The population explosion within the UK commenced during the 19th century at the start of the industrial revolution. Modern Britain was “invented” sometime between 1830 and 1900, coinciding with the height of the dam building period, driven by industrialisation and the need for a sustainable water supply. However, with this increasing demand for resources the Victorians are often cited to be one of the most sustainable generations in UK history, driven by necessity to reduce, reuse and recycle. Studying the Victorian period may provoke new ways of thinking about contemporary issues, including the problem of environmental degradation and climate change.

This presentation will look at two examples of recent remedial works, and compare them to original Victorian construction practices to evaluate whether we are being more or less sustainable in our current approach to construction.

Presenter's Biographies

PJ Rigby is a Fellow and Chartered Civil Engineer and Geologist with a 30+ years' career involved in water, embankment dams, infrastructure, power, petrochemical and railway projects, both in the UK and overseas. Currently working at United Utilities as a Principal Engineer in the Ground Engineering team.

A N Thompson is a Chartered Geologist with a 20 year career involved in water and infrastructure projects across the UK. Appointed on the Reservoir Supervising Engineer panel in 2016 and currently working at United Utilities as a Principal Engineer in the Ground Engineering team.



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REGIONAL HUBS

WARRINGTON | LEEDS | GLASGOW

The Regional Hubs allow the live stream of BDS evening meetings in London to be enjoyed as part of a group elsewhere in the UK.

Refreshments are provided from 17:30 in conjunction with watching the live streaming of the evening meeting - anyone is welcome to attend!

We would be grateful if you could register your intention to attend with the relevant Regional Hub host - details below.

WARRINGTON HUB | Nathan Freeman | Thomas.Rigby@uuplc.co.uk

Elizabeth.Smith@uuplc.co.uk |

United Utilities, Lingley Mere, Lingley Mere Business Park, Lingley Green Avenue, Great Sankey, Warrington, WA5 3LP

LEEDS HUB | Jineesha Mehta | jineesha.mehta@mottmac.com | 0113 394 3361

Mott Macdonald, Floor 3, 26 26 Whitehall Road, Leeds, LS1 4BN

GLASGOW HUB | Matthew Craig | matthew.craig@mottmac.com | 0141 378 7373

Mott Macdonald, 319 St Vincent St, Glasgow, G2 5LD

For general queries regarding the Regional Hubs please contact:
Stephen Cavanagh | cavanaghsp@binnies.com | 01244 304 125