



EVENING MEETING

MONDAY 3rd OCTOBER 2016 at 6:00pm

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

The Hampstead Heath Ponds Project: achieving dam safety in a sensitive area

By
Dr Andy Hughes, Atkins



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.



The Hampstead Heath Ponds Project: achieving dam safety in a sensitive area

Synopsis

This presentation will describe the works currently being undertaken on Hampstead Heath. There are three 'statutory reservoirs' on Hampstead Heath but two chains of more than 12 reservoirs. The presentation will describe the process followed, which identified a significant deficiency in spillway capacity down the two chains, the way in which the flood study calculations were carried out, the risk assessments made, and the design decisions made.

The works include a new embankment and a raised dam to provide additional flood storage capacity.

The presentation will describe the significant amount of consultation undertaken and the concerns voiced by the stakeholders.

Biography details for the presenter

Andy Hughes has over 30 years' experience in the study, design and project management of water supply and flood alleviation schemes, asset management and risk studies and reservoir safety works. He is an All Reservoirs Panel Engineer, and is a geotechnical and hydraulic engineer and hydrologist and has written a large number of technical papers and research documents.

He is Visiting Professor, Lecturer and PhD Examiner at Bristol University, Member of the Advisory Committee to the President (ICOLD), Member of the International Committee and Chairman of the European Committee on Risk (ICOLD), Member of the Committee on Dam Safety (ICOLD), and Member of the Reservoir Safety Advisory Group (ICE).

He is the Panel Engineer for the dams at Hampstead Heath (appointed 2009), led the design flood assessment and project design process, and was an expert witness in the judicial review of the project.