



# The British Dam Society

## EVENING MEETING

Tuesday 15<sup>th</sup> May 2018 at 6:00pm

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

## 75th Anniversary of the Dam Busters Raid

Jonathan HINKS, HR Wallingford

Chris HEITEFUSS, Ruhr River Association



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

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: [britishdams.org](http://britishdams.org)

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

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## Synopsis

The presentation will cover the planning and preparations for the raid on the Möhne, Eder and Sorpe Dams and the results together with the immediate remedial works and also work on the dams since the end of the war.

At the 40m high **Möhne** cyclopean masonry dam a bottom gallery was constructed by drill and blast methods in the 1970's.

At the 48m high Eder masonry dam a gallery was excavated by drill and blast and in 1991 - 1994 a total of 104 anchors, 65 to 75m long, were installed each with an ultimate tensile strength of 7.5 MN.



Old photograph: showing installation of anchors at Eder dam.

Although it appeared to suffer only minor damage in the raid at the 69 m high Sorpe earthfill dam there was a sudden increase in leakage to 180 l/sec in January 1951 which was attributed to bomb damage to the concrete core. This required the drilling of 53,000 lin m of boreholes and the injection of 4,350 tonnes of cement grout. 1,700 tonnes of clay were also used in the repairs.

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