



# The British Dam Society

## SEMINAR

Monday 6<sup>th</sup> July 2020

## The Toddbrook Reservoir Incident



**For seminar overview see overleaf | free by registration |**

**To register for the seminar go to [www.ice.org.uk/events](http://www.ice.org.uk/events)**

The seminar will be streamed on the internet. Selected additional presentations will be made available prior to the seminar.

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

In August 2019, Toddbrook Reservoir in north-west England was affected by two storm events in quick succession, resulting in damage to the auxiliary spillway, located on the main earth embankment dam. The concrete lining to the auxiliary spillway was damaged and erosion of the underlying dam shoulder material occurred, prompting fears of a dam breach. An emergency evacuation of approximately 1500 persons from the downstream town of Whaley Bridge was completed. Multi-agency services were mobilised and the scour hole was infilled through use of a helicopter. Stream diversion and pumping works were initiated to empty the reservoir. Almost a week after the incident was declared, the residents were permitted to return to their homes.



The seminar will be delivered in three parts:

- Selected presentations will be made available on the event website from 29 June. **We recommend that you view these presentations before the seminar.**
- The first session will be available on the website from **9am on 6 July** and will last approximately 90 minutes. This session will focus on the events at the site during the first week. It will cover how the incident unfolded and the actions taken on site to preserve the safety of the dam. It will also cover the multi-agency response to evacuate the town and to implement the emergency actions at the reservoir.
- The second session will be available from **2pm on 6 July** and will also last approximately 90 minutes. This session will cover the future planning for the reservoir, the CRT investigation and the government independent review of the events. This session will focus on the technical aspects of the incident and the lessons to be learned by the UK reservoir industry

A full programme of presentations and presenter information will be available on the ICE website in due course.

All of the presentations will be pre-recorded and there will be no live Q&A session on 6 July. This will allow as many of our members as possible to view the presentations over the following days. **Questions on any presentation should be e-mailed to [bds@ice.org.uk](mailto:bds@ice.org.uk).** Please give your name, affiliation and the name of the presenter that the question is addressed to. Questions should be submitted by Monday 13 July. A Questions and Answers session will subsequently be recorded and made available to all.