



The British Dam Society

SEMINAR

Monday 16th March 2020 from 2:00pm

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

The Toddbrook Reservoir Incident



For seminar overview see overleaf | Admission free by registration |

To register for the seminar go to www.ice.org.uk/events

In registering for the event, you will need to specify if you wish to attend the afternoon sessions, the evening session or all sessions.

The seminar 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: 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 sessions, two in the afternoon and one in the evening.

The **afternoon sessions** (2pm - 5:30pm) will cover:

- The history of the reservoir
- The events leading to the incident
- The incident response
- The incident coordination and evacuation of Whaley Bridge
- The aftermath of the incident and interim work at the site

The **evening session** (6pm - 7:30pm) will present the findings of the post-event investigations into the causes of the incident. 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 provided in due course.

Early registration is recommended to secure a place.

