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Scrivener Dam: Assessing Dam Safety through Physical Modelling



Discuss findings and the unique advantages and limitations of physical hydraulic modelling in this case study and live demonstration of model flows.

4.00 - 5.00pm | Wednesday 30 September 2020
Webinar Only

Scrivener Dam is a critical piece of Canberra's infrastructure, maintaining water levels of the iconic Lake Burley Griffin. Like all dams in Australia, it requires regular maintenance and assessment to ensure ongoing safe operation.

A recent inspection identified potential for undesirable uplift forces under the stilling basin slab, triggering a more detailed assessment of dam stability. This included a 1:40 scale physical model by the UNSW Water Research

Laboratory (WRL) for the National Capital Authority. The model was used to measure water dynamics for the dam at critical flood conditions, with a focus on dynamic pressures within the stilling basin.

This presentation will discuss findings and the unique advantages and limitations of physical hydraulic modelling. It will be streamed live from WRL and includes a live demonstration of model flows.

TICKETS (INCL. GST)

EA Member	\$0
Student Member	\$0
Non-member	\$30

PRESENTED BY



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