



## EVENING MEETING

**MONDAY 14<sup>th</sup> March 2016 at 6:00pm**

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

### **Dam Safety: Risk Assessment and Governance** *An Australian perspective*

By

**Mr Shane McGrath (SGM Consulting)**



*Eildon Dam in Victoria, Australia. Taken during dam safety upgrading works*

For a brief synopsis see overleaf

**The Annual International Lecture will be preceded by the AGM**

**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](mailto: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.



# **Dam Safety: Risk Assessment and Governance**

## *An Australian perspective*

### **Synopsis**

The first part of this presentation will describe the application of risk assessment for dam safety management, typical approaches and projects, and issues that have been identified through more than 15 years of widespread Australian practice.

In the second part, the presenter will describe his experience of governance and general legal considerations for dam safety in Australia. The current approaches and potential developments in this area will also be outlined.

### **Biography**

#### **Mr Shane McGrath (SGM Consulting)**

Shane is civil engineer with over 30 years' experience in the water industry, having held senior leadership roles in the management, construction, operation and maintenance of dams and other water supply infrastructure. During the late 1990's he developed and managed a risk-based dam safety upgrade program in Australia for a portfolio of 17 dams. This was one of the first such programs in Australia. In 2000 Shane was awarded a Churchill Fellowship to international practice in risk assessment for dam safety.

Shane was a member of the working group which produced the ANCOLD 2003 Guidelines on Risk Assessment and is currently convening a team to update the Guidelines. He is a member of the Executive of ANCOLD and a member of the Dam Safety Committee of ICOLD, having contributed to the Bulletin on Dam Safety and is now leading a working group on the Analysis of Consequences from Dam Failure.

He was formerly General Manager Infrastructure and Managing Director of Goulburn-Murray Water, a large rural water authority. He is currently a director of SGM Consulting and a Board member of the Queensland Bulk Water Supply Authority (Seqwater), with more than \$10 billion in assets used to capture, store, treat and distribute bulk water for more than 3.6 million people across South-East Queensland.