

Dam Safety Course 14 & 15 October, 2015

[Register Now](#)

Commences: 8.30am Wednesday 14th October
Concludes: 5.00pm Thursday 15th October
Cost: \$1,985 + GST
Enrolments Close: Friday 25th September

Venue: Royal Port Nicholson Yacht Club
103 Oriental Parade
Oriental Bay
Wellington

Register now and confirm your accommodation! See the registration page for our accommodation recommendation. To register, visit: www.damwatch.co.nz/training.php or contact Laessa Robson on +64 4 381 1308

The course fee includes a full set of course presentation outlines, lunch, morning and afternoon tea.

Is this course for you?

If you want to understand or refresh your understanding of dam safety management and how it fits with the new NZSOLD Dam Safety Guidelines and primary duty of care, then this course is for you.

The training course content is applicable to all dam owners, consultants, contractors, councils and regulators involved in implementing Dam Safety Management Systems (DSMS) and Dam Safety Assurance Programmes (DSAP). The content is structured around the new NZSOLD Dam Safety Guidelines, and impending changes to the Health and Safety Act.

The course is tailored to have something for everyone from inspectors and caretakers through to managers and executives.

Course content

Day 1:

- NZ Dams Context – including the NZSOLD Guidelines and Health and Safety Act duty of care
- Dams and their important features – geology, foundations, hazards
- Embankment dams – design features and behaviour
- Concrete dams – design features and behaviour
- Dam hazard, risk and PFMs – including PIC dam classification, and learnings from incidents and failures

- **Dam Safety Management Systems (DSMS) and Dam Safety Assurance Programmes (DSAPs)** – what are they and why are they important? What do the Guidelines recommend? What does duty of care require? How and why do you document your DSMS/DSAP activities?

Day 2:

- **DSMS and DSAP in practice** – DSMS + DSAP detail (what we should do under duty of care) – including surveillance, instrumentation, quality assurance, evaluation and reporting, intermediate and comprehensive reviews, emergency action plans, appurtenant structures, testing of gates and valves
- **Managing dam safety issues and deficiencies** - including identification and categorisation of dam safety issues, and investigation, assessment and resolution of dam safety deficiencies
- **Dam safety governance and support** - from small dams to very large dams the principles are scalable. Corporate governance and dam safety risk management, including Health and Safety Act duties.

Specialist presenters will include:

Peter Amos - Damwatch Managing Director

Rebecca Knott - Principal Engineer, Manager Dam Safety Programme

Murray Gillon - Consultant

Tim Logan - Geophysicist and Surveillance Specialist

Jonathan Harris - Principal Civil Engineer (recent Geotechnical Team Leader, USBR)

Brian Benson – Principal Geotechnical Engineer

Dan Forster – Senior Dam Safety Engineer, dam safety management systems and governance

Joe Pott - Hydropower Engineering (mechanical – gates and valves)

NEW SPEAKERS!

Karina Dahl – Senior Geotechnical Engineer, seismic hazard specialist

Mohammad Okhovat – Senior Structural Engineer

Bill Veale – Senior Civil Engineer, dam-break analysis and consequence assessment

Rick Scott – Principal Dam Safety Engineer (recent Dam Safety Officer, USBR)

Networking event:

Wednesday 14th October - Course dinner

- Venue: Shed 5 Restaurant, Queens Wharf, Wellington

- Time: 7.30pm

- Cost: \$65pp