

ANCOLD

Roles, responsibilities & activities

Ian Landon-Jones, Chairman

ANCOLD's Role

- To be the national organisation advancing excellence in dam's technology and the management of dams (Vision)
- Industry body disseminating knowledge, developing capability and providing guidance in achieving excellence for all aspects of dam engineering and management (Mission)

Membership

- Organisation members (~52)
 - Voting rights
- Associate members (~180)
 - Individuals – non-voting rights

Executive Structure

- Incorporated Association (ANCOLD Incorporated)
- 4 member Executive - voted by members for 3 year term
- Chairman, Senior & Junior Vice-Chairman, Past Chairman
- Secretary & Treasurer (Office Bearers)
- All voluntary
- Secretariat and Financial Support

Industry Challenges

- Economic pressures and availability of funding
- Concerns re flood mitigation and flood management
- Loss of dam safety expertise
- Perceptions and increasing concerns of community and communication with the community
- Appropriateness of dam standards and use of risk management for decision making
- Rapid increase in number of retarding basins
- Increased interest in emergency management planning

Strategic Plan - KRAs

- Members – meet needs
- Technical – guidance material, conferences etc
- Leadership – development of the profession
- Communication – share knowledge, raise awareness
- National and international relations:
 - ICOLD
 - NZSOLD
 - Mining Industry
 - Engineers Australia
- Business – sustainable business

Main activities

- Guideline Preparation
- Annual Conference –
 - this year in Rotorua, New Zealand – 13 to 15 November
- Professional Development Training Program
- User Groups
 - Young Professionals
 - Dam Owners, River Managers (planned for 2014)
- Website, e-news
- International relationships – ICOLD, NZSOLD

Guideline preparation

- Wide range of existing guidelines
- Guidelines In progress
 - Design Criteria for Concrete Gravity dams
 - Environmental management of dams
 - Design of dams for Earthquake
- Future guidelines
 - Outlet Works for dams (new)
 - Risk Assessment (update)
 - Design, Construction, O&M of Retarding Basins (new)

Professional Development Program

- Recent courses
 - Safety Evaluation of Existing dams (SEED - USBR)
 - Retarding Basins
 - Hydrology & consequence assessment
 - Piping
- Upcoming courses
 - Dam Safety Emergency Plans
 - Corporate Governance & risk management
 - Outlet Works, Spillways (M&E)
 - Tailings dams
 - Dam Design and Construction 101
- Webinars (in future)

Interest Groups

- Young Professionals
- State Representatives
- Regulators
- National Dam Owners/River Managers (proposed)
 - Could potentially have state based forums under national umbrella
 - Victorian Storage Operator Reference Group (existing)
 - MDBA River Operators Forum (in planning)
 - NSW State Water forum

National Dam Owners Forum

- Reference Group formed by ANCOLD to look at options
- Strong industry support received to this initiative
- Annual 1 to 2 day forum, or issues based workshops: informally sharing experiences, case studies, incidents, benchmarking practices, operator training, DSEP exercises, maintenance management, site visits etc.
- Initial topics: spillway gate/flood mgt, emergency planning & response.

Questions?