

Invitation to Submit Abstracts

The Australian National Committee on Large Dams invites you to submit abstracts for oral and poster presentations on:

“Technological Development – Its Impact on Dam Management and the Triple Bottom Line.”
and related topics at the
2003 Annual Conference to be held from the
27th – 28th October in Tasmania.

Abstract Instructions

Presenters offering several optional presentations must submit a separate abstract and application form for each. Abstracts can be submitted online or the form will be available to download at: www.leishman-associates.com.au/ancold2003

Oral Presentations

The conference organisers will select papers for presentation in each session to develop coherent themes. It is expected that these presentations will be of fifteen minutes, plus an allowance for questions and answers to be held at the conclusion of each presentation or session (time permitting).

Poster Presentations

Poster sessions may be suitable for people who have not completed research, or are seeking information from other interested parties. Participants will be required to prepare a display, which will be mounted on a display panel in the Trade/Refreshments area. Opportunities will be provided for authors to answer questions at their presentation.

Mode of Submission

Abstracts must be received no later than **1st May 2003**.

Abstracts can be submitted online or on disc.

Abstracts should be no more than 250 words.

Abstracts must be accompanied by a copy of the Abstract Submittal Form.

Electronic submissions should be saved as a Word file (.doc). Name the file 'ANCOLD2003/' followed by your surname and initials.

Receipt of your abstract will be acknowledged as soon as it has been received/ downloaded and checked. Notification of Acceptance will be by 31st May 2003.

If submitting by disc, forward to the Conference Managers at the address indicated below.

Discs should be clearly marked with originator's name and contact details including telephone number and e-mail address.

Authors whose papers are accepted will need to provide a final print-ready copy of their paper by 11 August 2003.

Please forward
your abstract to:

Leishman Associates

113 Harrington Street, Hobart TAS 7000
Email: ancold@leishman-associates.com.au
www.leishman-associates.com.au/ancold2003

First Circular & Call for Papers



ANCOLD Conference

HOBART • TASMANIA
24th – 28th October 2003

'03

Technological Development – Its Impact on Dam Management and the Triple Bottom Line

ANCOLD Inc. supports the objectives of ICOLD, the Africa Australasia Association and the Asia Pacific Chapter and warmly welcomes the participation of delegates from ICOLD Member countries and those interested in dams from non-member countries.

The Australian National Committee on Large Dams extends an invitation to practitioners involved in all dam related fields to attend the Annual Conference, Risk Workshop and Pre-Conference Tour to be held in Tasmania, between 24-28 October 2003.

The Annual Conference will be held at Wrest Point Hotel, Hobart, Tasmania, from 27th–28th October 2003.

The Theme for the Conference will be:

“Technological Development – Its Impact on Dam Management and the Triple Bottom Line”

Technological development has an impact on the understanding and formulation of management solutions during the full life cycle of dams and related structures, from conception to investigation, design, construction, operation, management, remediation and decommissioning.

This conference will explore how technological development has changed the practice of ‘dam management’. Both the opportunities and threats from technology-based processes will be explored and discussed. Impacts on society and the community, the environment, workplace safety and economics will be considered.

The aim of the conference will be to provide practitioners with a better understanding of ‘dam management’ in a changing technological environment.

Sub-themes include using developments in technology to enhance:

The Interface between Dams and the Community – How technological develop-

ment has influenced the value of dams to the community (delivery of benefits: addressing and meeting safety issues and concerns, emergency planning, community involvement and acceptance, and recreational usage) communication (eg web based, animations, 3D modeling).

Managing the Environment – How technology has been used to improve the understanding of natural processes, improve the environmental performance of dams, and predict future outcomes (meteorology, hydrology, water quality measures and management, sedimentation, environmental flows, fish passage, geomorphological change and environmental impacts).

Dam Investigations & Design – Technological developments in the understanding of the dam investigation and design processes (geotechnical investigation methods, survey developments, geotechnical and structural modeling, seismic assessment, meteorological and hydrological measurement and modeling).

Dam Construction - How technological development has changed construction practices (construction methods, innovative solutions, production rates, quality control, environmental care, new and improved plant).

The Ongoing Management of Dams - How developments in technology have changed the way dams are managed, including dam surveillance programs (data capturing, storage analysis and retrieval), automation of operations (spillway gates, valves), predictive models (system models, flood forecasting dam break modeling, and staff training). How these affect workplace safety and the working environment of staff.

Spillway Gate Reliability - A special session on spillway gate reliability is proposed. This session will discuss the handling of operational risks in a risk assessment and methods

of improving the long-term reliability of operations under emergency conditions.

Papers on other topics related to dams and reservoirs will be considered for inclusion, based on their current relevance and the total number of papers submitted on the sub-themes above.

Authors are reminded that all papers must be original and have not been published elsewhere. Papers become the property of ANCOLD Inc and authors may have the opportunity to make a presentation and answer questions during a session selected by the organisers.

The host state – Tasmania

Separated from mainland Australia by the 240 km stretch of Bass Strait, Tasmania is a land apart – a place of wild and beautiful landscapes; friendly welcoming people; a pleasant, temperate climate; wonderful wine and food; a rich history; and a relaxed island lifestyle.

Bass Strait is the sea-road to Tasmania. The route is operated by two superfast ships, Spirit of Tasmania I and II. These vessels offer an overnight service in both directions between Melbourne and Devonport seven days a week, year round, with additional services in peak periods. For those travelling by air, QantasLink, Regional Express and Virgin Blue operate frequent services to Tasmania, with direct flights from Sydney and Melbourne to Launceston and Hobart.



Highlights

- **Optional – Risk Workshop Friday 24th October**
A one-day Workshop in Launceston with Expert Presentations and including Technical Sessions on the application of the new ANCOLD Guidelines on Risk Assessment. Morning and afternoon refreshments together with Lunch are included in the optional package. Abstracts for papers for this Workshop can be forwarded to the Conference Organisers.
- **Optional – Pre-conference Tour Saturday 25th & Sunday 26th October**
A two-day touring programme based in Launceston incorporating visits to a diverse range of dams and related sites in the north and midland areas of the state. The Pre-Tour Dinner will take place on the Saturday evening with the tour returning to Hobart in time for the Conference Welcome Reception on the Sunday evening.
- **Cocktail Reception/Welcome –** Wrest Point Hotel on Sunday 26th October
- **Conference Dinner** Monday 27th October
- **ANCOLD Annual General Meeting** Tuesday 28th October after the Conference Technical Sessions
- **Optional – Post Conference Tour** visit the Gordon Dam, guided tour
- **Accompanying Persons Tour –** throughout the conference there will be an outstanding, exciting and quintessentially Tasmanian touring program.

More information will be available in the registration brochure.