



**NEW ZEALAND SOCIETY
ON LARGE DAMS**

**AUSTRALIAN NATIONAL
COMMITTEE ON LARGE DAMS**



2001 CONFERENCE ON DAMS

**Dams - Development, Sustainability
and Performance**

**AUCKLAND, NEW ZEALAND
3 November – 9 November 2001**

CONFERENCE PAPERS

ORGANISING COMMITTEE MEMBERS

John Grimston – Convenor
Pip Hair – Secretary
Mary Fishlock – Support
Derek Wilshere - Financial

SUB-COMMITTEES

Conference Organisation (Venue, Registrations, Dinner, Finances)

John Grimston
Pip Hair
Derek Wilshere

Tour Organisation (and information preparation)

North Island	South Island
John Stewart	Peter Mulvihill
Tom Newson	Jim Walker
Wallace McQuarrie	

Technical Program (including Technical Papers)

Rebecca Nicholson
Peter Foster
Peter Campbell
John Grimston
Wallace McQuarrie

Sponsorship and Exhibitor Coordination, Printing and Mail-Outs

John Grimston
Mary Fishlock
Pip Hair

Accompanying Persons Program

Margaret Tabuteau
Pip Hair
John Grimston

Technical Program Facilitation

Steve Everitt
Colin Newton
Don Tate

Australian Organisation (incl. Risk Workshop)

Phil Cummins
Gamini Adikari
Shane McGrath

2001 JOINT NZSOLD/ANCOLD CONFERENCE ON DAMS

AUCKLAND, NEW ZEALAND

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PREFACE

Welcome all delegates to the 2001 Conference on Dams. Every third year NZSOLD and ANCOLD combine and discuss dam industry challenges, opportunities and developments. This association fosters closer ties between the two countries and facilitates the sharing of experiences and exchange of views – to the significant benefit of delegates.

“Dams – Development, Sustainability and Performance” has been chosen as this year’s theme and reflects the close relationship of modern dam ownership with business, the environment and the community.

The keynote address by Dr Keith Turner, Chief Executive of Meridian Energy Limited, and the various papers from dam owners, consultants, contractors, consenting authorities, the legal profession and others provide a balanced approach to issues related to dams. Risk based decision making has drawn significant attention in recent times and two Conference sessions are devoted to this sub-theme. Additionally, a Risk Workshop precedes the conference, focussed totally on this topic.

NZSOLD and ANCOLD encourage delegates to discuss relevant issues during the conference so that optimum use is made of the forum and participants.

We wish to thank the authors and the organising committee for the time and effort that has been devoted to preparation for the Conference and contributors for sharing of your experience with us all.

Peter Riley
Chairman, NZSOLD

Phil Cummins
Chairman, ANCOLD