EARTHQUAKE RESISTANT DESIGN
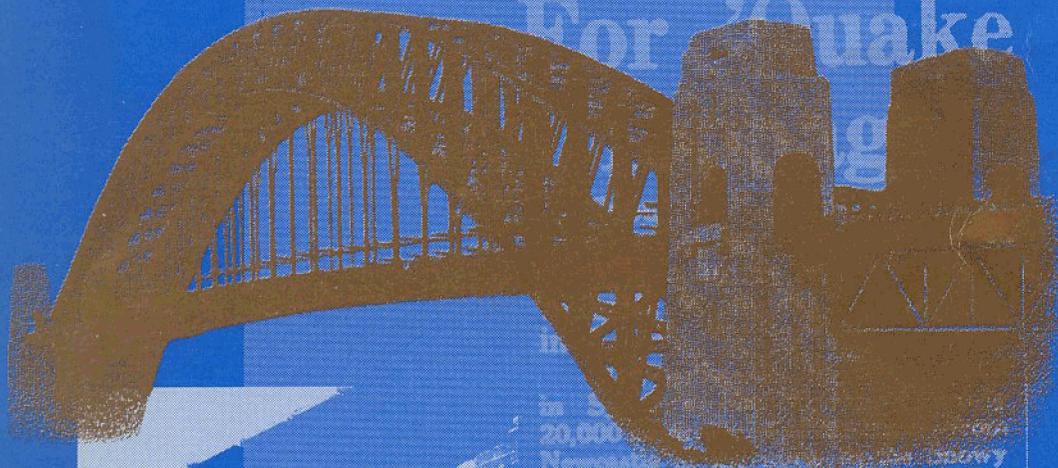
& INSURANCE in AUSTRALIA
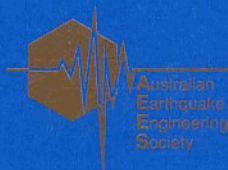
**Thousands Of Pounds
Already Claimed**

Insurance
Rush
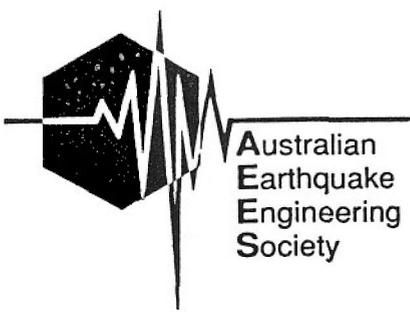For 'Quake

Australian
Earthquake
Engineering
Society

COMPILED BY KEVIN McCUE, EDITED BY BERNADETTE HINCE

Foreword

Australian engineers and geoscientists have for some years been involved in the design of engineering projects in Australia and overseas, which require earthquake engineering and engineering seismology input. The Newcastle earthquake on 28 December 1989 brought forward plans to set up an earthquake engineering society in Australia. Expressions of interest sought at the Institution of Engineers, Australia (IEAust) Conference on the Newcastle Earthquake in February 1990 indicated that there was sufficient support to form the Australian Earthquake Engineering Society as a technical society of IEAust.

The Society was established on 10th December 1990, with endorsement and initial funding from the IEAust. The objects of the Society are the promotion and advancement of the practice of earthquake engineering and engineering seismology, by functions such as

- organisation of technical conferences, symposia and meetings
- producing relevant publications
- acting as the Australian representative in dealings with the International Association for Earthquake Engineering and other regional earthquake engineering associations, governments and interest groups.

Membership is open to those who have a professional interest in earthquakes and only the Chairman and honorary Treasurer are required to be members of the Institution. Annual fees have been set at $25 ($10 for members of IEAust who nominate AEES as their preferred Society). We emphasise that membership of AEES is available to all those with an interest in earthquakes, not just engineers.

The executive has established Australian affiliation with the International Association for Earthquake Engineering (IAEE) and this will continue. Charles Bubb retired as Australian National Delegate to the IAEE in 1992 and was succeeded by Kevin McCue who attended the 10th World Conference on Earthquake Engineering at Madrid in July 1992, in that capacity. The AEES has sought a closer relationship with the New Zealand National Society for Earthquake Engineering (NZNSEE) with the result that we expect to jointly host the 5th Pacific Conference on Earthquake Engineering, in Australia in 1995. Both AEES and NZNSEE are represented on committees to write a single earthquake loading code for both Australia and New Zealand.

The AEES issues a regular newsletter, and will hold an annual AGM/Technical meeting, the 1993 AGM is being organised by Professor Graham Hutchinson at a venue in Melbourne.

If you would like to join the Society, please send your cheque (payable to the Australian Earthquake Engineering Society) and a completed application form, to: Kevin McCue, Hon. Secretary ASC, GPO Box 378, Canberra ACT 2601, Australia.

The office bearers elected at the AGM, Sydney on 25 September 1993 are:

President	Mr Charles Bubb	Consultant
Hon. Treasurer	Mr David Rossiter	Maunsell Pty Ltd.
Hon. Secretary	Mr Kevin McCue	Australian Geological Survey
Committee	Mr Russell Cuthbertson	Qld Dept. Resource Industries
	Dr Michael Griffith	University of Adelaide
	Prof Graham Hutchinson	University of Melbourne
	Prof Harry Poulos	Coffey & Ptns/Sydney University

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Preface

The founding AEES executive decided to combine the AGM with a seminar to bring together workers from the disciplines of earth sciences, earthquake engineering and earthquake insurance to meet and talk. With that aim we limited formal presentations and allowed ample time for breaks in the morning, lunch and afternoon sessions.

Registrants numbered approximately 80 which was most encouraging and more than compensated for by their active participation in sessions, and the lively interaction and discussion in the breaks.

We had not planned to produce a formal record of the meeting but sufficient authors and participants prevailed on the Hon. Secretary that he agreed to compile the proceedings. Papers and/or extended abstracts were ultimately received from all but one of the invited speakers, two of them too late to benefit from the professional edit afforded the others.

The papers are not in every case identical to those presented at the seminar. Brian Kennett was unable to attend the meeting but Vaughan Wesson (Seismology Research Centre, RMIT) stepped in at short notice and presented yet another interpretation with the same data but different crustal model and non-linear inversion methods.

We appreciate the support of Jeff Dobell, Director of IEAust Sydney and his office staff, for arranging prior advertising in the IEAust Sydney Branch Newsletter, and for providing the ideal venue and support staff to ensure the smooth running of the seminar and AGM. Teledyne/Geotech provided post-conference wine and cheese which were enjoyed by the seminarians, thanks to John Rickards and Kyle Clevenger.

Charles Bubb
President

David Rossiter
Hon. Treasurer

Kevin McCue
Hon. Secretary