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Volume 1

Edited by
Nihal Vitharana and Randal Colman

Organised by the Australian Geomechanics Society in cooperation with the New Zealand Geotechnical Society and the Institution of Engineers, Australia. The conference is a Regional Conference of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) and is endorsed by the International Association of Engineering Geology (IAEG) and the International Society for Rock Mechanics (ISRM).

PREFACE

The 8th Australia New Zealand Conference on Geomechanics continues the series of Regional Conferences of the International Society of Soil Mechanics and Geotechnical Engineering, the International Society of Rock Mechanics and the International Association of Engineering Geology held in Australia or New Zealand every four years.

The conference has been organised by the Australian Geomechanics Society in co-operation with the New Zealand Geotechnical Society. The Australian Geomechanics Society is jointly sponsored by the Institution of Engineers, Australia and the Australasian Institute of Mining and Metallurgy.

The conference aims to promote dialogue between professionals based in soil and rock mechanics, engineering geology, geophysics and geoenvironmental disciplines within the overall theme of "Consolidating Knowledge". Conference themes include slope instability, expansive soils, foundations, piles, dams, anchors and reinforcement, rock mechanics, environmental geotechnics, roads, numerical modelling, soil and rock testing.

The proceedings are presented in two volumes that contain the Keynote Address, all session reports, all technical papers, the 10th New Zealand Geomechanics Lecture and the John Jaeger Memorial Address.

The support of all conference sponsors is gratefully acknowledged.



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