

NELSON DISCUSSION GROUP – FEBRUARY

‘Enjoying learning from each other’

Friday 10 February 2017

Fast Facts

Discussion Leader/Presenter:

Warwick Prebble

Topic:

Learning to engineer in the Taupo Volcanic Zone

When:

Friday 10 February
5:00pm

Where:

The Nelson Club
Selwyn St
NELSON
(Parking available on site)

Cost:

Free for all to attend

Our Discussion Group welcomes all persons with engineering, geotechnical, general geoscience and environmental interests.

Our regular gatherings are held on the second Friday of each month from 5:00pm. We learn from each other through relaxed and facilitated discussion in-the-round.

Includes:

Refreshments of drinks and gourmet finger foods

Please RSVP your interest to **Carol Foote** on 03 548 1707 or CFoote@golder.co.nz for catering purposes

The Nelson Discussion Group series is brought to you by local geoscientists and engineers supported and funded by local professional enterprises, individuals and the AusIMM and worth 2 PD hours



Building with the Earth: Learning to Engineer in the Taupo Volcanic Zone

Sponsored by GEOadvice, AusIMM and NZ Geotechnical Society (IPENZ)

Warwick Prebble has a lifetime of experience in Engineering Geology and major civil engineering projects. Mentored by the leading experts of the Snowy Mountains Authority (SMA), the pioneering and prime exponents of understanding and developing the interface between geology and engineering design and construction, he was the NZGS's Project Geologist on the challenging Tongiraro Power Scheme with its geothermal, volcanic soil and rock and structural issues.

He has worked in Thailand and New Zealand on a range of major civil infrastructure projects with Beca Carter and has been Auckland University Lecturer in Engineering Geology over 30 years providing case history courses for the B.Eng degree, Engineering Geology courses for the Applied Geology Degree and MSc courses in Engineering Geology Mapping, Geohazards and research programs.

Warwick's courses have produced scores of engineering geologists and geotechnical engineers employed in New Zealand and around the world and endowed with the important understanding of the earth-engineering structure interface. This joint meeting will bring together and discuss engineering and geological understanding through experience from New Zealand's major civil works. Past experiences and solutions such as from the Tokaanu Power Project should not be forgotten and are essential learning for students and practitioners just as case law is for the legal profession.