



Second Announcement

9th Pacific Conference on Earthquake Engineering

{& Annual Technical Conference of the NZSEE}

BUILDING AN EARTHQUAKE-RESILIENT SOCIETY

Auckland, New Zealand

14-16 April 2011



New Zealand Society for
Earthquake Engineering



Conference website

<http://pcee.nzsee.org.nz>

The Conference

The New Zealand Society for Earthquake Engineering is hosting the Ninth Pacific Conference on Earthquake Engineering (PCEE) in Auckland, New Zealand.

The April 2011 conference provides a forum for practitioners and researchers to present and evaluate the latest developments and experience in mitigating the effects of earthquake and earthquake related hazards.

This conference will challenge participants to define how to work toward "Building an Earthquake Resilient Society" by re-evaluating the requirements of a truly resilient society. Special sessions will focus on building the social, economic and management aspects of resilience as well as the technical preparation required to avoid cascading system failures often observed during emergency events.

Venue

The conference will be held at the University of Auckland, conveniently located near downtown Auckland.

Auckland is New Zealand's largest city and considered by many to be the gateway to the Pacific.

Located between the beautiful Waitemata and Manukau harbours, Auckland has plenty of attractions and activities that will surely entertain all visitors.

Technical Program

Papers will include (but are not limited to) topic areas:

- Engineering Seismology: seismicity, ground and site effects, seismic hazard and risk analyses,
- Social-Economical issues: human behaviour, education, insurance and public policy,
- Geotechnical earthquake engineering: soils, liquefaction, foundation and soil-structure interaction,
- Structural engineering: design of buildings, bridges, lifeline structures and non-structural components,
- Seismic retrofit technologies and advanced aseismic solutions,
- Experimental methods, information technology and collaborative tools,
- Lessons learned from recent earthquakes,
- Recent practical projects.

Optional Tours

Two pre-conference and one post-conference technical tour packages are available.

A pre-conference tour (10 – 11 April) examines the Canterbury earthquake impacts and the recovery. A second tour (12 – 13 April) examines earthquake mitigation within Wellington.

A post-conference tour (17 April) investigates the Auckland volcanic field hazards. Tours must be booked online. Additional information is available at: <http://pcee.nzsee.org.nz/Tours.htm>

One-day symposium on the Darfield Earthquakes

Due to the immense interest in the Darfield (Canterbury) earthquake sequence, a one day mini-symposium has been set aside within the conference for presentations studying the effects, preliminary observations and lessons learned from the event. In addition to the symposium, there is also a plenary and forum session dedicated to the earthquake, designed to facilitate information transfer and dialogue with key persons from the response and recovery effort.

Registration Fee

<u>Standard registration</u>	Early bird*	Standard
Member	\$600	\$700
Non-member	\$700	\$800
NZSEE Life Member	Free	Free
Bona fide student	\$300	\$350

One day registration

Member	\$200	\$200
Non-member	\$700	\$800

*Early bird rates are available for registrations received before 15 February 2011.

Attendees are encouraged to register online at <https://www.kxl.co.nz/pcee.htm>, printable registration form is also available.

Keynote Presentations

Keynote presentations will be provided daily by eminent researchers and practitioners in Earthquake Engineering. Speakers include:

Prof. Roberto Leon

Georgia Institute of Technology, U.S.A



Emer. Prof. Robin Spence

Cambridge University, U.K.



Dr. Robin McGuire

Fugro William Lettis & Associates, U.S.A.



Mr. Ernesto Rios

Regulation Division of the Chilean Securities and Insurance Authority, the SVS

Emer. Prof. Nigel Priestley

Rose School, Italy & UC San Diego



Further information about the speakers is available at the conference website.

Highlights of each day

10 – 11 April (Sunday, Monday)

- Optional technical tour: Canterbury earthquake impact and recovery

12 – 13 April (Tuesday, Wednesday)

- Southwest Pacific Earthquake Resilience Workshop (<http://pcee.nzsee.org.nz/Workshop.htm>)
- Technical tour: Seismic mitigation within Wellington

14 April (Thursday)

- Conference opening ceremony
- Canterbury earthquake plenary session: includes an update on key developments from the quake, including a forum on key lessons learnt
- Cocktail evening

15 April (Friday)

- Canterbury earthquake one-day symposium
- Dedicated poster session
- Conference banquet

16 April (Saturday)

- Closing ceremony

17 April (Sunday)

- Technical tour: Auckland volcanic field hazards

Further information

Further information is available at the conference website, pcee.nzsee.org.nz or by contacting the conference organiser (pcee@nzsee.org.nz).

Sponsored by



www.eqc.govt.nz



www.fyfeco.com



www.pacificsteel.co.nz



www.contech.co.nz



www.branz.org.nz

Co-operating Societies



Earthquake Engineering Research Institute (EERI)
www.eeri.org



The Australian Earthquake Engineering Society (AEES)
www.aees.org.au