

FROM INANGAHUA TO KAIKOURA & BEYOND



NZSEE CONFERENCE 2018

13–15 April 2018 • Auckland • New Zealand



Image: GeoNet

**ABSTRACT SUBMISSION
DEADLINE**
10th November 2017

AUTHOR NOTIFICATION
20th November 2017

FINAL PAPERS DUE
9th February 2018

Conference Chair
Helen Ferner
helen.ferner@beca.com

**For further information
including sponsorship
opportunities
Conferences & Events**
nzsee2018@confer.co.nz
Tel: +64 (0)4 384 1511

Conference Partner



**Abstracts are submitted online via the conference website.
See page 2 for more information.**

www.confer.co.nz/nzsee2018

On behalf of the New Zealand Society for Earthquake Engineering (NZSEE) we warmly invite you to join us to celebrate the 50th Anniversary of the society at the **NZSEE Annual Technical Conference** to be held in Auckland, New Zealand on 13 – 15 April 2018.

This year in recognition of this significant milestone for the Society we have chosen the theme of **"From Inangahua to Kaikoura and Beyond"**. We will be looking back to look to the future by both recognising and celebrating the considerable advances in earthquake engineering research and practice achieved over the past 50 years and looking to future as to where earthquake engineering research and practice may lead in the next 50 years with keynote addresses and special sessions on the emerging challenges facing earthquake engineering.

The technical programme is planned to include case studies, emerging and innovative uses of new technologies, research developments in earthquake engineering, recent advances in geotechnical design and emerging developments in resilience and low damage design.

There will be an increased number of plenary sessions with invited speakers compared with recent conferences. The focus of these sessions will be on discussing the big and emerging issues in earthquake engineering from low damage design and resilient communities to the underlying philosophy and concepts behind developments in the NZ loadings code. A specific session is planned on the recent developments in the seismic assessment of existing buildings and one providing an update on the Kaikoura earthquake and particularly the emerging issues of precast concrete floors.

We look forward to a conference that provides a great opportunity for you to meet with your peers for interesting discussions, listen to presentations on what is happening in the different fields of earthquake engineering science and practice and increase your knowledge to assist in your day to day practice.

The conference venue is SkyCity Auckland Convention Centre located in the heart of downtown Auckland.

Please note the key dates for abstract and paper submission. As the conference date draws closer the website will be updated with details of the keynotes speakers, programme and other conference activities.

I look forward to welcoming you all in Auckland to a very special conference and look forward to robust discussion on the future of earthquake engineering.

Helen Ferner
2018 Conference Convenor.

www.confer.co.nz/nzsee2018

FROM INANGAHUA TO KAIKOURA & BEYOND



NZSEE CONFERENCE 2018

13–15 April 2018 • Auckland • New Zealand



Image: GeoNet

**ABSTRACT SUBMISSION
DEADLINE**
10th November 2017

AUTHOR NOTIFICATION
20th November 2017

FINAL PAPERS DUE
9th February 2018

Conference Chair
Helen Ferner
helen.ferner@beca.com

**For further information
including sponsorship
opportunities
Conferences & Events**
nzsee2018@confer.co.nz
Tel: +64 (0)4 384 1511

Conference Partner



Abstracts are submitted online via the conference website

www.confer.co.nz/nzsee2018

The abstract should succinctly state the subject and conclusions of the paper in 250 words or less.

CALL FOR ABSTRACTS

On behalf of the New Zealand Society for Earthquake Engineering (NZSEE) we invite you to join us at our upcoming conference. The conference theme is “From Inangahua to Kaikoura and Beyond”.

We will be celebrating the considerable advances in earthquake engineering research and practice achieved of the past 50 years at the conference dinner while enjoying future focused technical sessions.

There will be an increased number of plenary sessions with invited speakers compared with recent conferences. This will necessarily limit somewhat the number of technical papers able to be accepted for presentation. We plan therefore on increasing the emphasis and focus on the poster papers.

The technical programme is planned to include sessions on emerging technologies, developments in seismicity, geohazards and geotechnical engineering, lessons in risk management from recent earthquakes, case studies in structural design and retrofits and recent advances in earthquake engineering research.

Suggested Paper Topics:

- Engineering seismology
- Geotechnical Engineering Innovations
- Social Impacts and resilience
- Design for control of seismic damage
- Economic implications of seismic risk and resilience
- Practice case studies in seismic retrofits
- Advances in earthquake engineering research
- Advances in knowledge of hazards and risks
- Repairable structures and infrastructure
- Practice case studies in innovative structural design
- Case studies on use of emerging technologies
- Seismic isolation, energy dissipation and vibration control of structures
- Soil structure interaction
- Lessons from recent earthquakes
- Lifelines and infrastructure
- Emergency management and planning

www.confer.co.nz/nzsee2018