



83rd ANNUAL REPORT
of the
**ASSOCIATION OF CONSULTING
STRUCTURAL ENGINEERS OF
NEW SOUTH WALES**

to be presented to Members at the
ANNUAL GENERAL MEETING

Thursday 14 November 2019

Held at the offices of Mott McDonald

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1. Presidents Report

It has been another successful year for the ACSE, as the association has continued to actively engage with and promote the consulting structural engineering community. Thanks to the active Board members who volunteer their time to the association, we have continued building on the 85 years of momentum generated by the association.

The year gone by has seen another fantastic awards evening in March with the support of our gold sponsor Macquarie bank, a first for ACSE; hosting of a certification forum for the industry; a continuation of the fantastic pub seminars that are becoming a regular sell out every month; and our ever-popular social events. The pool competition was a new addition to our calendar this year. It wouldn't be possible to have such an active calendar without the support and participation of both our members and our sponsors.

The Board took a conscious and targeted approach this year to align the association with sponsors with whom we can have a meaningful partnership. This meant continuing our relationships with our valued and trusted sponsors who have been so generous in supporting the association over the years, and also reaching out and forming new partnerships with Inducta and Peikko.

We also started a new initiative to increase membership to promote engagement with the next generation of structural engineers by introducing a new associate membership category.

Next year the ACSE is excited to welcome two new Board members, who will continue to provide fresh and exciting ideas alongside our continuing Board members. We will see the retirement of Glen Fowlie and Trudy Myers from the Board, and we thank both of them for their efforts and contribution to the Board. Trudy was a past president of the ACSE in 2018.

Finally, from all of the Board, we would like to extend a huge thank you to Chloe Wyatt, who is the machine behind the ACSE and keeps it running smoothly and efficiently.

I have thoroughly enjoyed my first term as president this year, and it has been an honour to serve the Board and the association. I look forward to continuing in my capacity as president next year.

Joyce Lee

November 2019

2. Administration

Since the last AGM in November 2018, the Board of Management has met each month, except for the month of January. In May 2019 Board meetings were moved from the second Tuesday of the month to the first Tuesday of the month so as to be held prior to the monthly Engineering in the Pub event.

Board of Directors 2018 - 2019

Glen Fowle	Joyce Lee
Stephen Giblett	Paul Moore
Ali Habibi	Trudy Myers
Matthew Harding	Andrew Simpson
Michael Jaroszewicz	Deb Smee / Stephen Wong *

*Deb stepped down in April to be replaced by Stephen by quorum of the Board **

Office Bearers 2018 – 2019

President	Joyce Lee
Vice President	Stephen Giblett
Treasurer and Company Secretary	Andrew Simpson
Executive Officer	Chloe Wyatt

Election of the Board for 2019 – 2020

At the 2018 Annual General Meeting Trudy Myers and Glen Fowle will retire from the Board

Nominations will be raised for new Board Members:

Alison Naimo
Nishmin Hallam

Nominations for remaining Board Members will be raised for:

Stephen Giblett	Joyce Lee
Ali Habibi	Paul Moore
Matthew Harding	Andrew Simpson
Michael Jaroszewicz	Steven Wong

Proposed Office Bearers for 2019 - 2020

President	Joyce Lee
Vice President	Ali Habibi
Treasurer	Steven Wong
Company Secretary	Andrew Simpson
Executive Officer	Chloe Wyatt

Articles of Association - updated

This year the Board have reviewed the Articles of Association for the governance of the ACSE. The last version was endorsed in 2013 and there were some matters that needed updating.

The amendments were circulated in draft form to all members in October with a request to submit questions or comments by the 1st of November

No comments or questions were received, and the updated Articles will be put forward for vote at the AGM.

3. Membership

Currently there are 104 ordinary members, 4 lifetime members and 8 retired members.

Robert Bird Group and Mott Mac continued their Annual Training Partnership.

The Board conducted a review of the membership structure and agreed to introduce an Associate Membership for mid-career level engineers to try and engage and encourage a younger network of members, who would benefit from the professional development opportunities that ACSE offers and who also have greater capacity than Senior Members to contribute time to ACSE activities. Provisional applications have been accepted, subject to endorsement at the AGM

This new tier of membership has been proposed in a draft revision of the Articles of Association, that has been distributed to members for comment and is to be voted on at the AGM.

Additionally, the Board identified some new suitable candidates for Life Membership.

Annual Subscriptions

Membership renewal invoices were issued in July 2019. Approximately 25% of fees are outstanding.

New Members

The board continues to promote the benefits of membership of the Association. In 2019 applications were accepted from 9 new Senior members as well as tentative acceptance of 11 new Associate Members.

The new Senior members are:

Joe Salhani,	JBC Consulting
Nick Morphett,	JBC Consulting
Omid Safai,	Rise Consulting Engineers
John Butterworth,	Ironbridge Engineering
Paul Michael,	Arcadis
Morgan Sheehy,	Event Engineering
Mark Thomas,	Kneebone and Beretta Consulting
Steve Wong,	Acor
Alison Naimo,	Mott MacDonald

The new Associate members are:

Tom Urquhart,	Arup	Nikki Akbari,	Partridge
Chris Carroll,	EIC Activities	Aaron Dewberry,	Partridge
Charles Marendy,	MAJCON	Dhanu Murthy,	D and D Associates
Artemio Bulan,	MAJCON	Luay Al-loos,	Sole Trader
Paul Kenny,	M+G Consulting	Vinay Rao,	SafeOz (Aust)
Andrew Poles,	M+G Consulting		

The new Life members are:

Eva Tihanyi
Harry Partridge
Richard Green
Tim Hogan

Wayne Costin
Allan Fozzard
Bill Ryan

4. Events

MONTHLY - Engineering in the Pub

These events are free technical and project-based presentations held on the first Tuesday of every month at the Occidental Hotel in Sydney CBD, with Engineering in the Pub offers a relaxed format with an open bar and hot chips allowing structural engineers to learn from experts and socialise with their peers.

These events are usually fully booked with audiences of junior and senior structural engineers as well as the wider structural engineering community. From August onwards registrations have been capped at 160.

The 2019 presentations were:

Date	Presentation	Registration
Tues 12 Mar	Women in Engineering – <i>Nasrin Nowparvar, Senior Structural Engineer, Built Environment, Aurecon and Caroline Andrews Arcadis</i>	168
Tues 2 April	Combustible Cladding – <i>Neil McClelland Technical Director – Facades, TTW</i>	134
Tues 7 May	Award Winners: Anzac Memorial Project & Emanuel Synagogue – <i>Hung Hguyen, TTW and Jane Armstrong, TTW</i>	109
Tues 4 June	Award Winners: Three Capes Track – <i>SDA Structures,</i>	134
Tues 2 July	Wind Engineering – <i>Greame Wood, Associate Principal & Wind Engineer, Arup</i>	170
Tues 6 Aug	Blast Engineering – <i>Asher Gehl, Director, Karagozian & Case</i>	160
Tues 3 Sept	Disruptive Innovation, the future of technology and engineering - <i>Prof. Andrew T Harris, Chemical & Biomolecular Engineering, University of Sydney</i>	160
Tues 2 Oct	Engineering Luxury Homes – <i>Andrew Derbidge (Director, Partridge)</i>	160

Tuesday 5 FEBRUARY - Lawn Bowls

Now established as an annual event to kick off the ACSE calendar this friendly game of barefoot bowling for member companies and sponsors is held at The Greens, North Sydney.

Attendance: 10 teams of 5 players representing 7 member firms and 3 industry partner firms.

Thursday 21 MARCH - Annual Awards for Excellence in Engineering

The ACSE Annual Awards were presented with a cocktail party on Thursday 21 March 2019 at L'Aqua at Cockle Bay Wharf. The awards recognise and celebrate the role of Structural Engineers in NSW and their contribution to the built environment. This year two new people based categories were introduced – Junior Engineer of the Year and Female Engineer of the Year.

This year the ACSE introduced sponsorship packages for the awards. Thanks to Dick Kell and Trudy Myers a principal partnership was negotiated with Macquarie Bank. Additionally sponsors were secured for specific award categories (detailed below).

Attendance: 104 people registered to attend the event

Submissions: 17 project nominations and 9 people nominations.

The judging panel:

Joyce Lee - 2019 President, ACSE NSW

Andrew Nimmo - NSW Chapter President, Australian Institute of Architects

Greg Ewing - General Manager, Engineers Australia, NSW & ACT Division

Dick Kell- 2017 Gold Medal Winner

Prof. Brian Uy- Head of School of Civil Engineering, University of Sydney

Todd Halliday- Retired ACSE Board Member

The Award winners:

Large Building Projects – sponsored by Penetron:

WINNER – Omnia Potts Point, Northrop Consulting Engineers

Medium Building Projects – sponsored by Penetron:

WINNER - Anzac Memorial Centenary Project, Taylor Thomson Whitting

Small Building Projects:

WINNER – Emmanuel Synagogue, Taylor Thomson Whitting

Unusual Projects - sponsored by AFS Systems:

WINNER – Three Capes Track, SDA Structures

HIGH COMMENDATION – UTS Central Stairs, Bonacci Group

Female Engineer of the Year - sponsored by Planned Cover:

WINNER - Isabel Duffy, Northrop

HIGH COMMENDATION - Natalie O'Brien, Bonacci

Junior Engineer of the Year - sponsored by Peikko:

WINNER – Nicholas Boey, Northrop

HIGH COMMENDATION – Karina Siems, Arcadis

Gold Medal Award – Tim Hogan

Thursday 19 SEPTEMBER – Pool Comp

The Board wanted to trial a low-price point event, as a way of increasing networking between member firms, promoting Associate Membership for mid-career engineers and providing opportunities for our younger networks to connect. Individual tickets were sold for the Pool Competition and all names were put in a hat and pulled at random to make doubles for a knockout contest.

The event was very successful and will run again in 2020, but at a better venue and during August so as not to overlap with Golf Day promotion.

Attendance: 39 people registered to attend the event

Wednesday 16 OCTOBER – Annual Golf Day

The Annual Golf Day at Avondale, was enjoyed by all participants and followed the same format as recent years – a shotgun start, played Ambrose, followed by and BBQ dinner and prize-giving.

Industry Partners participation was high and this year partners joined member firm teams to make a 5-ball and maximise their networking opportunities. Ultrafloor provided the \$10,000 hole-in-one prize on

the 2nd tee, Planned Cover sponsored the event, Constructive Recruitment assisted with registrations and photography, as well as providing drink vouchers for the cart, Penetron & Peikko provided prizes.

A donation of \$15 p/player was made to chosen charity Partner Housing.

Attendance: 10 teams of 5 players representing 8 member firms and 5 industry partner firms.

Nett Winner: Acor

Gross Winner: Constructive, Henry Hymas and Bonacci

Thursday 14 NOVEMBER – Annual General Meeting

The Annual AGM will be held at Mott McDonald.

Thursday 5 DECEMBER 2018 - Christmas Trivia Night

Last year this event moved to a new venue, The Two Wolves, at Broadway, which was a lot of fun, a great location, and will be used again this year.

2018 Attendance: 15 teams of 8 representing 10 member firms, 1 non-member firm, 1 Industry Partner

5. Education

University Engagement

We had two guest lectures this year, both at UTS through Dr Harry Far.

The first lecture was held on 3rd June by Matthew Harding (Robert Bird) presenting Sydney Convention Centre and Crown Casino and Graham Babcock (Mott Macdonald) presenting North West Rail Stations

The second lecture was held on the 3rd of September by Richard Whitfield from TTW on structural steel design.

High School Careers Presentations

The Board decided to review this program and have not carried out any formal presentations. A new strategy has been agreed whereby the Executive Officer will contact schools to determine if they are interested and what the most suitable opportunity might be. Once a list is compiled the new Associate Members will be asked to deliver the presentations.

6. Advocacy and Industry Engagement

Standardised Certifications Project

A certification forum for members was held on 11th April at TTW's office to facilitate discussion amongst our peers in the industry. The intent of this forum was to gather feedback from the industry to determine what is the most appropriate way of standardising design certificates and next steps.

We also invited members of the board of certifiers to provide input for better alignment between the two professions. They were not able to attend the forum in person but we received some written feedback from them.

There is further work to be done in this area for 2020, including releasing a standardised design certificate for industry wide use.

Women In Engineering Network

To mark International Day of Women in Engineering in June, the ACSE sent out a survey to all the women on our mailing list, to ask them about their experiences and for suggestions of ways to better support them.

The respondents to the survey have been invited to an informal roundtable lunch meeting to discuss the issues, ideas and suggestions raised in the survey.

The aim is to develop some new initiatives that will grow a network and offer support for female engineers.

7. Practice Papers

The ACSE has not developed or published any new practice papers this year. Some existing papers are under review.

8. Finance

The ACSE have returned quarterly Business Activity Statements, using cash Transaction Reporting. The Association maintains a term deposit and a transaction account.

Financial Position

The ACSE maintains a term deposit and a cheque account with these balances at 31 October:

- Current Account \$64,841
- Term Deposit, \$54,180 (matures 19 November 2019)

Financial Summary for year ending June 2019

Total Income	\$99,721 (member fees and Industry Partnerships)
Total Expenses	\$83,017
Profit / Loss	\$16,704

Financial Reports

The full financial report is available on request as a separate document and includes profit and loss report, balance sheet, income statement, notes to the statement, director's declaration and complication report.

Industry Partnerships

Annual Industry Partnership agreements were issued at the start of the financial year.

The 2019/2020 Industry Partners are:

- Ultrafloor \$4,750
- Penetron \$4,750
- Constructive Recruitment \$4,750

- AFS \$4,750
- Inducta \$4,750
- Peikko \$3,750

New Industry Partners Meet & Greet Breakfast was introduced in August, to improve engagement between the Board and our Partners.

This revenue is essential in covering the costs of our events and the Executive Officer salary.

8. Charity Partner

Initially in 2017, the charity partnership with Partner Housing was agreed for two years. In September 2019 the Board agreed to continue with Partner Housing as our charity partner, and to promote their work where possible.

Partner Housing is an entirely voluntary organisation, which aims to transform the lives of people living in Asia-Pacific villages by improving the cyclone, earthquake and tsunami resistance of their houses, clinics, schools and community buildings. They rely on pro-bono assistance and have been able to connect with ACSE members and their companies for help.

The partnership opportunity includes a small financial donation from the Golf Day and the opportunity to promote the organisation through various ACSE channels, such as the Awards night, newsletters and presentations.

9. Annual General Meeting 2019 - Order of Proceedings

1. **Presidents Welcome:** Joyce Lee
Welcome & Apologies
Confirmation of the 2018 AGM minutes
Matters arising from the minutes
2. **Summary of the Annual Report:** Joyce Lee
Motion to accept revisions to the **Articles of Association**
3. **Financial Summary:** Andrew Simpson
4. **Membership Matters:** Steve Giblett
Motion for new tier: **Associate Membership**
Presentation of **New Members – Associates**
Presentation of **New Members – Seniors**
Announcement of **New Life Members**
5. Election of the **2020 Board**
Acknowledgment of retiring board members
Nominations for new board members
Appoint office bearers
6. **General Business**, open the floor to members to submit matters for consideration
7. **Conclusion**