



82nd ANNUAL REPORT
of the
**ASSOCIATION OF CONSULTING
STRUCTURAL ENGINEERS OF
NEW SOUTH WALES**

to be presented to Members at the
ANNUAL GENERAL MEETING
Wednesday 14th November 2018
At the Kirribilli Club

Contents

1. Presidents Report
2. Administration
3. Events
4. Education
5. Practice Papers
6. Membership
7. Finance
8. Charity Partner
9. Agenda for the AGM

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 held at our new venue in Cockle Bay; the release of 3 new practice papers; a continuation of the fantastic pub seminars that are becoming a regular sell out every month; and our ever-popular social events. 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 industry heavy weights Total Synergy, Bluebeam and AFS. In addition to this, exciting negotiations are ongoing with Macquarie Bank regarding partnership for our annual awards evening - watch this space!

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 Todd Halliday from the Board, who has provided so much energy to the ACSE over the 5 years he has been involved, and in particular during his term as president in 2017.

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 term as president this year, and it has been an honour to serve the Board and the association. I look forward to welcoming our new president who will continue to grow and evolve the ACSE through 2019.

Trudy Myers

November 2018

2. Administration

Since the last AGM in November 2017, the Board of Management has met on the second Tuesday of each month, except for the month of January.

Board of Directors 2017 - 2018

Glen Fowle	Joyce Lee
Stephen Giblett	Trudy Myers
Todd Halliday	Andrew Simpson
Matthew Harding	Deb Smee
Michael Jaroszewicz	

Office Bearers 2017 - 2018

President	Trudy Myers
Vice President	Matthew Harding
Treasurer and Company Secretary	Andrew Simpson
Executive Officer	Chloe Wyatt

Chloe Wyatt has continued managing the Association's events, marketing, memberships, sponsorship and administration. The role has been given the new title of Executive Officer in 2018

Election of the Board for 2018 – 2019

At the 2018 Annual General Meeting Todd Halliday will retire from the Board

Nominations will be raised for new Board Members: Paul Moore and Ali Habibi

Nominations for remaining Board Members will be raised for:

Glen Fowle	Joyce Lee
Stephen Giblett	Trudy Myers
Matthew Harding	Andrew Simpson
Michael Jaroszewicz	Deb Smee

Proposed Office Bearers for 2018 - 2019

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

3. Events

MONTHLY - Engineering in the Pub

ACSE's popular monthly pub seminars continued throughout 2018. Held the first Tuesday of every month at the Occidental Hotel in Sydney CBD, these events are free, with an open bar and hot chips provided. The presentations are a relaxed format with a technical basis that allow structural engineers to learn from experts and to 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.

The 2018 presentations were:

Date	Presentation	Registration
Tues 6 Mar	Women in Engineering - <i>Belinda Aspinall (Development Manager, Mirvac), Lillian Lee (Associate Structural Engineer, Northrop) & Nikki Akbari (Design Engineer, Partridge)</i>	133
Tues 3 April	Australian Standards for Steel Fibre Reinforced Concrete (SFRC) - <i>Dr Tian Sing Ng (BOSFA Engineering Manager)</i>	108
Tues 1 May	Timber Design & Engineering - <i>Dinah Zhang (Architect, Lendlease DesignMake) & Tim Marcot (Associate Director, TTW)</i>	168
Tues 5 June	Humanitarian Engineering - <i>Partner Housing Australia, David Carolan (Director, TTW) & Aaron Opdyke (Lecturer in Humanitarian Engineering, The University of Sydney)</i>	156
Tues 3 July	The Complexities of Demolition - <i>Elliot Nuberg (Project Manager, Delta Group)</i>	128
Tues 7 Aug	Small Project Award Winners - <i>Tom Williams (Engineer, PMI Engineers) & Kevin Mongey (Associate Director, SDA Structures)</i>	120
Tues 4 Sept	Award Winner Unusual Projects - <i>Rob McGowan (Structure Engineers) & Chris Fox (Artist)</i>	108
Tues 2 Oct	Australian Technology Park - Adaptive Re-Use of Heritage Structures - <i>Nicholas Sheldrake (Senior Structural Engineer, Arcadis)</i>	131

Tuesday 6 FEBRUARY - Lawn Bowls

For the third year, the ACSE kicked off the events calendar with a friendly game of barefoot bowling for member companies and sponsors. Held at The Greens, North Sydney this was very popular and well received. The event will run again in 2019.

Thursday 22 MARCH - Annual Excellence Awards

The Annual ACSE Awards for Excellence in Engineering were presented with a cocktail party on Thursday 22 March 2018 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.

There were 21 projects submitted and on display with 117 people registered for the event.

The judging panel:

- Prof. Brian Uy - Head of School of Civil Engineering, University of Sydney
- Andrew Nimmo - NSW Chapter President, Australian Institute of Architects
- Greg Ewing - General Manager, Engineers Australia, NSW & ACT Division
- Harry Partridge - ACSE Gold Medal Winner 2016
- Trudy Myers - ACSE President - Enstruct
- Rick Piltz - ACSE Retiring Board Member - GHD
- Rob McGowan - Newest ACSE Member 2017 - Structure Engineers

The Award winners:

Large Building Projects

- WINNER – Parliament Square, Hobart: Taylor Thomson Whitting

Medium Building Projects

- WINNER - The Incubator, Macquarie University, Taylor Thomson Whitting

- HIGH COMMENDATION - R1 Barangaroo, Arcadis

Small Building Projects

- WINNER – Chippendale Warehouse Conversion, PMI Engineers
- HIGH COMMENDATION – Torsion House, SDA Structures

Unusual Projects

- WINNER – Interloop, Structure Consulting Engineers

Gold Medal Award – Richard Kell

Weds 17th OCTOBER – Annual Golf Day

The Annual Golf Day was again held at Avondale, with 16 teams, representing many of our member companies and joined by players from sponsors BOSFA and Penetron and Constructive.

Ultrafloor again provided the \$10,000 hole-in-one prize on the 2nd tee. Constructive Recruitment assisted with registrations and photography. As with previous years, the golf was followed by a BBQ, speeches and competition results. Total Synergy attended the dinner, along with Partner Housing who made a short presentation about our charity partnership. A donation of \$15 p/player was made to chosen charity Partner Housing. The Board extends thanks Heidi Brown for the smooth running of the day.

Weds 14 NOVEMBER – Annual General Meeting

The Annual AGM is once again being held at the Kirribilli Club. New association members and Board members will be sworn in.

Thurs 13 DECEMBER - Christmas Trivia Night

Previously this event has been held at the Woolloomooloo Hotel, but this is under renovation this year and so a new venue, The Two Wolves, will be trialled. In 2017 the event was very successful with 13 teams in attendance.

4. Education

University Engagement

Glen Fowlie took on the role of 'University Liaison' and has worked with University of Sydney, UNSW and UTS to develop ways for ACSE to support their Engineering Faculties in the following ways:

- Professor Aaron Opdyke from University of Sydney presented on Humanitarian Engineering at the Pub Seminar in June.
- Keiran Passmore from the University of Sydney presented on the Jacaranda Flame Consulting scheme at the Pub Seminar in September.
- The May newsletter featured Sydney University's Industry Engagement Programs including Jacaranda Flame Consulting Scheme.
- The September newsletter included request from The University of Western Sydney for work experience placements and internships.
- A guest lecture on Steel and Timber Design was given at the University of Technology, Sydney on October 16th by Ali Habibi, Northrop and Jane Armstrong, TTW.
"The guest lecture went very well and my students enjoyed the contents. I am looking forward to have your representatives as my dear guest lecturers in the upcoming semesters"
Dr Harry Far, Postgraduate Program Coordinator for Civil Engineering, UTS

High School Careers Presentations

The Board attempted to attend High School Careers events to present to students about the profession of Structural Engineering. A new PowerPoint was created to accompany presentations.

- Trudy Myers presented to St Andrew's in July.
- Andrew Simpson presented to Kings School in August.

Other Board members contacted schools but were unsuccessful in lining up opportunities.

5. Practice Papers

In 2018 the Board, led by Matt Harding conducted a review of all the existing Practise Papers and those in progress. Recommendations were made regarding updating or deleting some older papers.

The following Practise Papers were completed this year and are now available on the ACSE Website:

- PP21 – Assessment of existing building structures for global stability
- PP23 – Loading for Temporary Installation Structures
- PP24 – Peer Reviews

The below Practice Paper is underway:

- PP22 - Contractor designed post tensioning

Some existing Practise Papers have been earmarked to be updated:

- PP1 – Checking structural plans & computations
- PP7 – Standard Drawing Notes
- PP8 – Curtain Wall Design

6. Membership

Currently there are 105 ordinary members, 4 lifetime members and 7 retired members.

Annual Subscriptions

Membership renewal invoices were issued in July 2018 and the fee was increased to \$315 ex gst. Approximately 5% of fees remain outstanding. Fees were adjusted to include GST, in line with the ACSE becoming GST registered this financial year.

New Members

The board continues to promote the benefits of membership of the organisation. In 2018 the Board accepted applications from eight new members, and rejected three applications. The new members are:

- Rob McGowan, Structure Engineers
- Max Irvine, PMI Engineers
- Cosmo Farinola, Cardno
- Caralampos Patras, Mott MacDonald
- Savas Christoforidis, TLB Engineers
- Brian Healy, Enstruct
- Nicholas Reichinger, SDA Structures
- Richard Whitfeild, TTW

Membership Drive

In 2018 an audit of the mailing list was carried out to compare which engineering firms had large numbers of staff attending the Pub Seminars compared to the number of individual memberships the firm holds. Nine firms were identified that had large attendance at our events, whilst only having one or no members. The Board contacted those firms directly to encourage suitable applicants to consider joining as members.

Two firms, Robert Bird Group and Mott MacDonald, agreed to contribute to the ACSE through an Annual Training Partnership Fee instead of individual memberships. This training partnership is offered to all firms and is strongly encouraged to firms who regularly attend our events but have little or no members.

7. Finance

The ACSE was registered for GST at the start of the current financial year as the annual income is getting close to the threshold for compulsory registration and the Association will be benefit financially each year by claiming back the GST paid to our suppliers.

Financial Position

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

- Current Account \$54,110.74 (at 31 October 2018)
- Term Deposit, \$67,906.43 (matures 19 November 2018)

Financial Summary for year ending June 2018

Total Income	\$64,328
Total Expenses	\$87,528
Profit / Loss	- \$23,200

The loss is due to several factors:

- Some Industry Partnership Income was received in the previous financial year
- The investment made on a new website and a rebrand of the Association logo carried out in late 2017. This was funded through a draw down from the Term Deposit.
- A significant increase in the role of administration and event management (now re-named the Executive Officer).

Next year the association will be able to claim back the GST component of event and administration expense which will see a 10% reduction in costs. Additionally the invoicing and payment of sponsorship income has all taken place within the 2019 financial year.

Financial Reports

The full financial report is available on request as a separate document and includes: income statement; balance sheet; 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 only change from the previous year was the removal of the Awards Night as an inclusion. This will become a stand-alone opportunity in 2019 so that the expense of that event can be partially covered by sponsorships.

The 2018/2019 Industry Partners are:

- BOSFA \$4,750
- Ultrafloor \$4,750
- Penetron \$4,750
- Bluebeam \$4,750
- Constructive Recruitment \$4,750
- Total Synergy \$4,750
- AFS \$4,750

This revenue is essential in covering the costs of our events and the fee for our administration staff.

8. Charity Partner

In 2017 ACSE committed to a charity partnership for two years with Partner Housing.

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.

ACSE members have this year assisted with providing specifications and detailing for the repair of a number of buildings with earthquake damage in the Papua New Guinea highlands. Partner Housing is gearing up for a major housing and community building project in Port Vila, Vanuatu and ACSE volunteers are currently undertaking pro-bono planning and design functions.

The partnership opportunity also includes a financial donation from the Golf Day and the opportunity to promote the organisation through various ACSE channels. Recruited skilled Engineers who can undertake pro-bono work is vital to Partner Housing and has been the focus of the partnership this year, by collecting business cards at our events from Engineers interested in volunteering their time toward pro-bono work.

In 2018 the partnership opportunities were:

- Announcement in December 2017 newsletter
- A page on the ACSE website with links to their website and donation page
- A presentation at the Awards Night
- A presentation at Golf Day
- A donation from Golf Day
- Inclusion as a panel for the June pub seminar on Humanitarian Engineering
- Featured in June newsletter encouraging end of year tax deductible donations

9. Annual General Meeting 2018 - Order of Proceedings

1. **Presidents Welcome:** Trudy Myers
 - Welcome & Apologies
 - Confirmation of the 2017 AGM minutes
 - Matters arising from the minutes
2. **Summary of the Annual Report,** Trudy Myers
3. **Financial Summary,** Andrew Simpson
4. Presentation of **New Members**
5. Election of the **2019 Board**
 - Acknowledgment of retiring board members
 - Nominations for new board members
 - Appoint office bearers
6. **Handover** to new president
 - Vision for the future, Incoming President, Joyce Lee
7. **General Business** – open the floor to members to submit matters for consideration
8. **Conclusion**