

ACSE Annual Awards Submission Guidelines

Submissions Fees

Award Category	Members (exc GST & fees)	Non-members (exc GST & fees)	Corporate Membership (Small Company)	Corporate Membership (Medium Company)	Corporate Membership (Large Company)
PROJECTS	\$175.00	\$250.00	1 submission included	2 submissions included	3 submissions included
PEOPLE	\$50.00	\$100.00			

PROJECTS Categories (Large, Medium, Small & Unusual Projects):

The judges will be looking for how the nominated project directly address the criteria outlined below. The submission material needs to be concise and informative.

1. Introduction: Provide an overview of the project (max 200 words)

2. Project Brief: Describe your response to the project brief with specific reference to the structural aspects.

3. Design & Construction Process: Provide a brief description of the design and construction process, include information about new or unusual elements used and describe any site constraints with the solutions employed.

4. Creativity & Innovation: Describe aspects of the project that inspired creativity or adopted innovative techniques.

5. Sustainability: Give details of environmentally sustainable elements of the project.

6. Built Environment and Heritage: Describe how the project improves the built environment and/or preserves heritage.

7. The Challenges and Resolutions: Provide examples of major challenges in this project and how you overcame them.

Please also note that:

- The document is to be submitted as an A4 PDF with a maximum of 5 pages.
- The font is to be no smaller than 11pt and the submission should include images and technical drawings as appropriate.
- Entries should concentrate on the structural engineering rather than the architectural or other aspects.
- Entries are also encouraged to be concise.
- Projects should have been completed in the last 24 months.

PROJECTS Category (Small or Regional Firm):

The criteria is aimed at firms with less than 12 employees, or firms based outside of the Metropolitan Sydney Area

The judges will be looking for how the nominated project directly address the criteria outlined below. The submission material should be concise and informative.

1. Introduction: Provide an overview of the project (max 200 words)

2. Project Brief: Describe your response to the project brief with specific reference to the structural aspects.

3. Design & Construction Process: Provide a brief description of the design and construction process, include information about new or unusual elements used and describe any site constraints with the solutions employed.

4. Creativity & Innovation: Describe aspects of the project that inspired creativity or adopted innovative techniques.

5. The Challenges and Resolutions: Provide examples of major challenges in this project and how you overcame them.

6. Sustainability: Give details of environmentally sustainable elements of the project.

7. Built Environment and Heritage: Describe how the project improves the built environment and/or preserves heritage.

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ACSE Annual Awards for Excellence in Engineering – Sustainability Award Category

The inaugural Sustainable Structures Award will be launched in 2021. This category seeks to invite nominations for projects where the structural engineering facilitated a notable feature or initiative that is environmentally sustainable.

Eligible entries could include (but are not limited to) environmentally sustainable initiatives or features such as:

1. Improved Energy Consumption

The provision of **clean, affordable and secure energy**, such as:

- demonstrate uptake of innovative renewable energy technologies
- support increased energy efficiency
- increase knowledge about clean, affordable and secure energy.

This aligns with the United Nations Sustainable Development Goals 7 and 17.

2. Healthy environment

The protection or enhancement of the **natural environment**, such as:

- manage adverse impacts on the environment, such as noise, air quality, etc.
- conserve and protect ecosystems and species
- promote healthy environment habits (e.g. water saving initiatives)
- increase knowledge about environmental protection and conservation.

This aligns with the United Nations Sustainable Development Goals 6, 14, 15 and 17.

3. Sustainable places

Creating **places and communities** that are sustainable, resilient and liveable, such as:

- involve the design, construction or upgrading of sustainable and resilient housing or infrastructure
- protect cultural heritage
- encourage innovation in the built environment.

This aligns with the United Nations Sustainable Development Goals 9, 11 and 17.

4. Waste reduction and the circular economy

Demonstrating the **responsible consumption and production** of resources and promoting circular economy principles, such as:

- promote the sustainable management and efficient use of natural resources
- reduce waste generation in line with waste hierarchy principles
- promote waste-related behaviour change
- demonstrate innovative technological solutions to waste challenges
- increase knowledge about waste reduction and the circular economy.

This aligns with the United Nations Sustainable Development Goals 12 and 17.

Please demonstrate how the nominated project aligns with an environmentally sustainable initiative by addressing the criteria below:

1. Provide an overview of the project (max 200 words)
2. Describe your response to the project brief and its sustainable initiatives, with specific reference to the structural aspects. (max 300 words)
3. How did you implement your initiative? Describe the process and any challenges you faced. (max 300 words)
4. What were the sustainability outcomes and results of your initiative? (300 words maximum)
5. Describe aspects of the project that adopted innovation and creativity (e.g in techniques, new materials or methodologies) (max 300 words)
6. How did your initiative engage stakeholders and use partnerships to achieve sustainable outcomes? (max 300 words)
7. How could your initiative be continued or expanded in the future? (max 300 words)

PEOPLE Categories

Emerging Engineer of the Year:

- Has worked for less than 5 years since graduation
- Is employed as a practicing consulting structural engineer in NSW
- Has demonstrated excellence in their career to date, innovation in the field of structural engineering and emerging leadership qualities early in their career
- Has assumed responsibility in the delivery of projects
- Is on the pathway to becoming a Chartered Engineer
- Is regarded as a role model amongst their peers
- Has made a positive contribution to the structural engineering community and profession

Nominations should include a description of how the nominee has demonstrated excellence in their structural engineering career to date; evidence of their contribution to the structural engineering profession and community; and aspirations for their future participation in the industry. Please demonstrate how the nominee meets the selection criteria listed.

Female Engineer of the Year:

- Is a female engineer employed as a practicing consulting structural engineer in NSW
- Has demonstrated excellence in their career to date
- Has outstanding leadership qualities and is regarded as a role model amongst their peers and to younger engineers
- Has made a significant contribution to their firm
- Has been involved in the promotion of diversity in the engineering profession to the community and construction industry
- Has overcome adversity and challenges in the profession

Nominations should include a summary of career highlights and a description of how the nominee has demonstrated excellence in their structural engineering career to date as a designer, leader and role model. Please demonstrate how the nominee meets the selection criteria listed.