



SEAoA 2023 Excellence in Structural Engineering Awards Call for Entries

March 8, 2023

The Structural Engineers Association of Arizona announces the Call for Entries for its annual Excellence in Structural Engineering Awards Program. These Awards annually highlight some of the best examples of structural engineering ingenuity by our members on projects located throughout the world. The purpose of this program is to recognize creative achievement and innovation in structural engineering. Judging criteria includes innovative design, engineering achievement, creativity, complexities, unique problems, innovation, and constructability.

ENTRY REQUIREMENTS

To complete the submission, the following is needed:

- Main Submittal: A description of the entry outlining the significant aspects of the entry and their relationship to the relevant judging criteria.
 - 800 word maximum
 - Photographs during construction and of completed structure. Minimum of four, not more than 12.
 - Plans or sketches may be included (not more than two pages total, 11" x 17" maximum)
- In addition to the main entry submission the following items are also to be submitted for award presentation and publication use.
 - A 100 word project summary in Word format
 - Project photographs (4 minimum, jpg/jpeg format) during construction and of the completed structure.

ELIGIBILITY

Entry must be submitted by a licensed Professional Engineer (P.E.) or Structural Engineer (S.E.) whose practice or activity is primarily in the field of structural engineering. At least one project team member MUST BE A FULL MEMBER OF SEAoA. ("Team member" is defined as someone who played an important project role and was active in vital project functions such as team management, decision making, design, calculations, details, etc.; however, not necessarily all). **Projects must have been completed between January 1, 2020 and March 31, 2023**, or must be sufficiently complete such that they clearly show the basic design of the structural system. The submittals will be judged based on the quality of the structural "design" portion of the project. Within the context of this awards program, "design" refers to the overall concept of any structure or structural system within a project. New projects, renovations, rehabilitation, structural upgrades and adaptive reuse of buildings, special use structures, and bridges are eligible. Projects may be located anywhere in the world. Multiple entries from the same firm will be accepted.

CATEGORIES

The following categories will be considered as award candidates:

- New Buildings > \$10 Million (total BUILDING construction cost)
- New Building Construction, \$2 Million to \$10 Million (total BUILDING construction cost)
- New Building Construction, < \$2 Million (total BUILDING construction cost)
- New Bridges or Transportation Structures, any size
- Forensic/Renovation/Retrofit/Rehabilitation Structures, any size
- Other Structures, any size

JUDGING CRITERIA

- Creativity of structural design (20%)
- Complexity of criteria or unique problems (20%)
- Innovative application of new or existing materials or techniques (20%)
- Ingenuity of design for efficient use of materials and labor (20%)
- Constructability challenges and solutions (20%)

The manner in which the above criteria apply to the entry should be described in the submitted documentation. Write-ups need to explain the structural nature of the subject project and why it should be considered as a

structural award winner. The submittal should provide a good structural narrative of the entry with minimal description of architectural and other non-structural aspects.

JURY OF AWARDS

The selection of award recipients will be made by a distinguished Jury of Awards. There will be a minimum of four jurors. All jurors shall be structural engineers licensed as S.E.'s or P.E.'s.

AWARDS

There will be two award levels recognized: "Excellence in Structural Engineering" & "Merit Award in Structural Engineering". The number of projects receiving awards will be based on project specifics and quality of the submittal regardless of the number of submittals in each category. The total number of awards will be the decision of the judges' panel. Should none of the entries in one category meet the Judging Criteria, that category will have no awards.

NCSEA EXCELLENCE IN STRUCTURAL ENGINEERING AWARD ENTRY FEE

The SEAoA State Board will pay the entry fee for any project deemed by the judge's panel to be a candidate for the NCSEA national competition. Additional NCSEA award info can be found at <http://www.ncsea.com/Awards>.

SUBMISSION OF ENTRIES

NOTE: Entries will only be accepted from current SEAoA members that were design team members.

Submitted materials must clearly and concisely cover the Entry Requirements. Submission requirements are:

- The award main submittal is to be **one electronic (pdf) file**. It should read as one document and shall be organized as follows:
 - A Cover Sheet with firm's name, Project name, and award category
 - A completed SEAoA Award of Excellence in Structural Engineering Competition **Entry Form**.
 - The "Entry Requirements" as stated above.
- **It shall be submitted to Sal Caccavale at seccbc@cox.net no later than Entry Deadline stated herein.**
- One bound, hard-copy of the award submittal shall be submitted **within two weeks of the Entry Deadline**:
 - Labeled as "Submission for SEAoA Excellence in Structural Engineering Competition," and mailed or delivered to: Sal Caccavale, 6601 E. Cooper St., Tucson AZ 85710.
 - A notification email shall be sent to seccbc@cox.net that a submittal is being delivered or was mailed.

Entry forms may be downloaded from the SEAoA website (www.SEAoA.org). If you have any questions, please contact the Sal Caccavale by e-mail at seccbc@cox.net or by phone at 520-388-0443 (C).

All entries become the sole property of SEAoA. Submitted materials will not be returned. SEAoA reserves the right to use the entries and the accompanying materials for publicity purposes.

DEADLINE FOR ENTRIES

All entries must be received by **4:00 p.m. on Monday, May 1, 2023**.

POSTER DISPLAY

Applicants are requested to provide one standard 30" x 40" foam core poster board for display at the next SEAoA Conference & Convention in 2023 (June 15 & 16, 2023) but is not required for judging purposes. The applicant is responsible for getting the board to the convention location on Thursday afternoon before the convention begins and picking it up after the convention is over on Friday afternoon.

(Consider creating the poster electronically as a single jpg or pdf file to be printed to the 30" x 40" dimensions. This print can then be mounted to the foam core board.)

PRESENTATION OF AWARDS

Award announcements will be made on June 16, 2023 at SEAoA's Annual Convention and Conference.

FAILURE TO COMPLY

Failure to comply with any of the award program requirements will be cause for an entry to be rejected based on the majority decision of the judges panel.

END