

CENTRAL CALIFORNIA

NORTHERN CALIFORNIA



SAN DIEGO

SOUTHERN CALIFORNIA

EXCELLENCE IN STRUCTURAL ENGINEERING 2017 SEAOC AWARDS

STRUCTURAL ENGINEERS ASSOCIATIONS OF CALIFORNIA



NEW for 2017! COMBINED EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS PROGRAMS

Each year, the four SEAOC Member Organizations (MOs), through their respective **Excellence in Structural Engineering (EiSE) Awards** programs, give recognition to their members and firms for demonstrating outstanding achievement and excellence in structural engineering practice, project and research work. At the state level, the **SEAOC EiSE Awards** bring together projects, recognized by their local MOs, to celebrate the "Best of the Best", serving as models of excellence in structural engineering representing California structural engineers.

To truly celebrate outstanding achievement and significant contribution to the profession, and recognize **THE BEST OF THE BEST**, the SEAOSC and SEAOC Excellence in Structural Engineering Awards are now integrated into a single, two-tiered program. Your entry fee includes both the Regional and State EiSE Awards Programs. In order to participate in the State Awards program, you **MUST** first enter one of the Regional (SEAONC, SEAOSC, SEA OCC, SEA OSD) Awards programs. If your project receives an award in the Regional program, it will be entered into the SEAOC Awards program automatically with no additional fee.

To this end, **SEAOC and its Member Organizations** are announcing this **Call for Entries** and encourage eligible members to submit their projects for consideration in the 2017 EiSE Awards Programs. Entrants will submit projects through their local MO; SEAONC, SEAOSC, SEA OCC or SEA OSD. The **SEAOSC 2017** Awards will be recognized as a part of the June 7, 2017 **SEAOSC** monthly meeting and awards ceremony. *Entries receiving an Award of Excellence or an Award of Merit recognition at the regional level will be automatically elevated and entered into the State Awards program, with winners honored at the **SEAOC 2017 Annual Convention.***

CALL FOR ENTRIES

The Structural Engineers Association of California (SEAOC), is respected as an authoritative world leader in the practice of structural and earthquake engineering, as a nationally influential participant in structural code and standard development and as a valuable resource to practicing structural engineers in California. SEAOC consists of 4 regional Member Organizations (MOs): Northern CA (**SEAONC**), Southern CA (**SEAOSC**), Central CA (**SEAOCC**), and San Diego (**SEAOSD**); each focused on regional considerations while being supported at the state level by SEAOC, addressing statewide issues and initiatives.

PURPOSE

The purpose of the SEAOC/SEAOSC Excellence in Structural Engineering Awards program is to publicly acknowledge outstanding achievement in creative design, technical innovation, best practices and demonstrated contributions to the public and/or profession. Additionally, it is the intent of the SEAOC/SEAOSC Awards program to educate the public as to the contributions of Structural Engineers to the built environment and public safety.

OVERVIEW

The enclosed packet of information contains SEAOC/SEAOSC 2017 Awards program award categories, judging criteria, jury information, rules for eligibility, entry instructions, forms and the deadline for submission. Entrants are eligible for awards in eight (8) categories as listed below. The SEAOSC and SEAOC awards will be judged by separate jury panels as described below. The SEAOSC Award winners will be published in the SEAOSC Newsletter and website and those receiving an Award of Excellence or an Award of Merit recognition will be automatically entered into the SEAOC awards program. Entries recognized by SEAOC will also be highlighted in the SEAOC Talk Newsletter and website, and will be available to local media and professional journals via press releases developed by the SEAOC Communications Committee.

AWARD CATEGORIES

Awards will be judged both on the technical aspects of the project and on the presentation of display boards. An Award of Excellence and up to two Awards of Merit may be awarded in each category. The Jury may consider additional awards in each category for both small and large projects so that projects of all scales may be properly recognized for their excellence. The number of awards given will be a result of the judges' scoring. Awards may or may not be given in each category listed below. Projects may be entered in **ONE (1)** category only.

1. **Study/Research/Guidelines:** Outstanding achievement in the development of structural engineering practice and concepts through the analysis, design, evaluation and/or testing of structures resulting in the preparation of a study, research project, guideline or reference standard or new product/technology. This category is intended to encompass projects or efforts that are not a constructed project.
2. **Special-Use Structures:** Excellence in the structural engineering analysis, design and/or construction of a special-use project. Examples include non-building structures such as a temporary movie set, an artificial rock climbing wall or a sculptural work of art.
3. **Infrastructure:** Excellence in the structural engineering analysis, design and/or construction of an infrastructure project, including but not limited to, bridges, tunnels, transportation facilities and dams.

4. **Historic Preservation:** Excellence in the achievement of creative, innovative, and precedent-setting approaches to structural engineering in the rehabilitation and preservation of a significant historic structure. Entrants in this category are encouraged to convey their approach to structural design within the context of preservation standards such as the Secretary of the Interior's Standards for the Treatment of Historic Properties.
5. **Retrofit/Alteration:** Excellence in the use of conventional and/or innovative technology in the evaluation and/or design of a seismic retrofit project or alteration of an existing structure. This category includes seismic strengthening, additions, tenant improvements and other structural building alterations.
6. **New Construction:** Excellence in the use of conventional and/or innovative technology in the design of a new construction project.
7. **Sustainable Design:** Excellence in use of structural design, materials and concepts that demonstrates innovation, integration, and achievement of sustainable design goals. This may include a successful application of strategies for use of environmentally sustainable "green" materials, adaptive reuse of existing structures, performance-based seismic design for disaster resilience, structural optimization (efficiency), de-constructability or life-cycle assessment to achieve sustainable built environments.
8. **Landmark Structures:** Excellence in the structural engineering analysis, design and construction of a significant project achieving "Landmark Structure" status.

Project entries will be judged in the category in which it was entered. However, the jury may elect to move a project into a different category.

Award entries shall be submitted by a designated Award Entrant who represents the Firm responsible for the project; **and/or** the Engineer of Record, the Engineer in Responsible Charge, or the Principal Investigator. Where the role of other engineers was significant to the project's success, such as a Bridging Document Engineer or the specialty engineer for a specific component, entrants are encouraged to recognize these individuals and/or submit the entry in conjunction with these engineers. For projects that utilize an alternative delivery method, such as design-build delivery, the Entrant shall clearly state their project role in the Project Summary Document.

JUDGING CRITERIA

Entries will be judged on demonstrated excellence and achievement in structural engineering including the following criteria:

- Design Creativity
- Design Integration
- Technical Innovation
- System Efficiency and Economy
- Constructability
- Complexity of Problems Solved
- Quality of Execution and Collaboration
- Contribution to the Public and Profession

JURY

The judging of entries and selection of award recipients will be made by a distinguished Jury panel consisting of the following:

SEAOSC Jury

The selection of award recipients will be made by a distinguished panel of jurors. The jury panel members shall be determined by SEAOSC's Board of Directors.

SEAOC Jury

The jury panel members will include one Member SE from each of SEAOC's four regional sections, a professor of structural engineering, a licensed architect and a licensed contractor.

RULES OF ELIGIBILITY

1. At least one member of the design team, research team, or a principal of the firm responsible for the entry, shall be a **SEAOSC Member** or **Member SE** in good standing.
2. Projects may be of any size, type, or location.
3. The project entry must have been constructed or completed between December 31, 2013 and January 1, 2017.
4. Entrants may submit more than one project.
5. Projects may be entered in ONE category only.
6. Projects previously submitted are eligible for submission, except prior SEAOC/SEAOSC project Award recipients are **not** eligible.
7. Each entry is required to include written permission of the project Engineer-of-Record, Responsible Engineer or Principal Investigator with the submission materials before entry will be considered by the Awards jury.
8. To be eligible for the annual statewide SEAOC Awards program, entries must be submitted to the SEAOSC awards program. ***(Note that this is a change from previous years' rules.)***
9. All award winners (Award of Excellence or Award of Merit) will be automatically submitted to the statewide SEAOC Awards program by the regional Award program.
10. The entrant is solely responsible for any matters regarding confidentiality agreements related to the project.
11. Projects that do not meet eligibility requirements will not be considered for judging.

ENTRY INSTRUCTIONS

All entries are submitted online and **must** include the following:

1. **Entry Form** completed online.
2. **Entry Fee Form and Checklist.** Use the Entry Checklist to ensure your entry is complete.
3. **Entry Fee** paid electronically with the Entry Form.
4. **Signature Form** which requires the signature and consent of each Engineer-of-Record, Responsible Engineer, or Principal Investigator. Print, sign and upload online in pdf format.

5. **Project Summary** describing the project, highlighting the significant aspects of the project as it relates to the entry category and judging criteria. Include the approximate total construction cost of the project. The Entrant shall include the names and describe the roles of the key individuals or firms other than the Entrant that the Entrant wishes to share in credit for the work that is being submitted. The summary shall not exceed two (2) pages; 8-1/2" x 11" format using 12 pt. font, in Microsoft Word and submitted electronically.
6. **Project Abstract** describing the project in very general "non-technical" terms suitable to be used in the Awards Ceremony and other publications if the project receives an award. The abstract should not be self-promotional in its tone, but rather descriptive of the merits of the project. The abstract shall not exceed 300 words and shall be submitted electronically as a Microsoft Word document.
7. **Display Board** with foam-core base, 30" tall x 40" wide with drawings, graphics, text and photographs as appropriate to summarize and illustrate significant aspects of the project. For constructed projects, the Display Board presentation shall include one or more photographic images illustrating a significant aspect of the structure while under construction. See the Display Board Guidelines below for more detailed information.
8. Complete and upload **Digital Files** containing the following:
 - **Entry Form**
 - **Signature Form**
 - **Project Summary** and **Project Abstract** in MS Word format;
 - **Display Board** in both **Adobe PDF** and low resolution (11" x 17") **JPG** formats;
 - **Slide Presentation** as a MS PowerPoint file containing summary slide images with caption descriptions (6 min; 12 max). DO NOT include animations, special transitions or other features in the PowerPoint slides. The PowerPoint slides may be used during the Awards presentation.
 - **Digital Photo(s)** that are high-resolution (JPEG or TIFF file format) of the finished project to be used in publications if the project is selected for an award. For publication purposes, the high-resolution image should be provided with photographer photo credits, as required.
9. With the exception of the **Display Board**, do not submit original materials. Submitted materials will not be returned. However, the Display Board of non-winning entries will be made available for pickup at the SEAOSC office following the SEAOSC Awards Ceremony. Display Boards of the award winners will be automatically forwarded to the SEAOC office for the state awards program.
10. All entries shall become the sole property of SEAOSC and SEAOC. SEAOSC and SEAOC reserve the right to use or publish some or the entire entry material in publications. By entering, the Entrant grants a royalty-free license to SEAOSC and SEAOC to use any copyrighted material submitted. Such right includes publication of photographs and names of award recipients without compensation to Entrants.

DISPLAY BOARD GUIDELINES

The following guidelines have been prepared to assist you in the preparation of your Display Board.

1. Construct board from 1/4" foam-core (or similar) of dimensions 30" x 40". Organize the board so the information reads horizontally, landscape style – 30" tall x 40" wide.
2. At a minimum, include all of the following information on the front of the display board:
 - a. Name of Project;
 - b. Names of the Structural Engineer, Responsible Engineer (if applicable), Architect, Contractor and Owner/Client. Include additional names receiving recognition as may be appropriate;

- c. Wording ***in a prominent position on the board shall include***: "SEAOSC/SEAOC 2017 Excellence in Structural Engineering Awards";
- d. The quality of the presentation should be of the highest standards. Color is optional but recommended. The board layout must be two-dimensional, with no "pop-outs", three-dimensional elements, or electronic construction. Use only one side and do not extend any portion of the design or display beyond the 30" x 40" board. DO NOT frame or set the board in glass or plastic.

DEADLINE FOR ENTRIES

Entries with ALL supporting materials, forms and fees must be received by **5:00 pm on Friday, April 28, 2017**. Entries are to be submitted online at: <https://seaosc.wufoo.com/forms/seaocseaosc-2017-awards-program-entry-form/>. The original Display board is to be submitted to the below address and clearly labeled as "***Submission for SEAOSC/SEAOC 2017 Excellence in Structural Engineering Awards***" and delivered to the following address:

**SEAOSC/SEAOC 2017 Excellence in Structural Engineering Awards
c/o Robert Lyons, PE, SE
Risha Engineering
410 East Cypress Avenue
Burbank, California 91501**

Upon receipt of a complete entry submission, a confirmation email will be sent to the Entrant. Award recipients will be individually notified by May 26, 2017, in advance of the awards ceremony. The SEAOSC 2017 Awards will be recognized as a part of the June 7, 2017 SEAOSC monthly meeting. If you have any questions, please contact the SEAOSC/SEAOC office by email at seaosc@seaosc.org, or by telephone at 562-908-6131.

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SIGNATURE FORM: One (1) Entry per Form

(SEAOSC Use Only) **Project No.:** _____

(SEAOC Use Only) **Project No.:** _____

PROJECT INFORMATION:

Name of Project/Entry

Project Address

City

State

Zip Code

Project Completion Date: DD/MM/YYY

Est. Project Construction Cost:

\$XXX,XXX,XXX Check if Student Project:

AWARD ENTRY CATEGORY: (Select only **ONE**)

- | | |
|---|---|
| <input type="checkbox"/> 1. Study/Research/Guidelines | <input type="checkbox"/> 5. Retrofit/Alteration |
| <input type="checkbox"/> 2. Special-Use Structures | <input type="checkbox"/> 6. New Construction |
| <input type="checkbox"/> 3. Infrastructure | <input type="checkbox"/> 7. Sustainable Design |
| <input type="checkbox"/> 4. Historic Preservation | <input type="checkbox"/> 8. Landmark Structures |

SIGNATURES:

The following Signatures are mandatory – if an individual is unavailable to sign this form, separate letters of authorization may be attached. A digital version of this form must be in Microsoft Word or Adobe PDF format.

We the undersigned, affirm that we are Members or Member SE's in good standing of our respective SEAOC Member Organization. Further, we have the authority to enter the subject project for consideration in the SEAOC/SEAOSC 2017 Excellence in Structural Engineering (EiSE) Awards Programs. We have obtained, as appropriate, permission from all necessary parties for the release of the submitted project information and acknowledge that the entry shall become the sole property of SEAOC/SEAOSC. By entering this project for consideration in the EiSE Awards, we are authorized to grant a royalty-free license to SEAOSC and SEAOC to use any information, including copyrighted material, submitted. Such right includes publication of photographs and names of award recipients without compensation to entrants or represented firms.

ENTRANT

Signature

Printed Name

Date

ENGINEER OF RECORD, RESPONSIBLE ENGINEER, OR PRINCIPAL INVESTIGATOR

Signature

Printed Name

Date

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SUBMISSION DEADLINE: FRIDAY, APRIL 28, 2017

ENTRY FEE FORM AND CHECKLIST:

Use this form to ensure your entry is complete.

- 1. **Entry Form**
- 2. **Entry Fee Form and Checklist**
 - a. Payment made online
 - b.

Note: Entry Fee includes both SEAOC and SEAOSC Awards Programs. Projects recognized as Award of Excellence or Award of Merit recipients will receive one (1) Award Certificate and Award; additional Certificates may be provided at no charge; additional Award Plaques or Statues may incur additional charges. Please coordinate directly with SEAOC and SEAOSC if multiple copies are requested.

- 3. **30" x 40" Display Board (Horizontal Format) – hard copy to be delivered to:**
SEAOSC/SEAOC 2017 Excellence in Structural Engineering Awards
Structural Engineers Association of Southern California
437 S. Cataract Avenue, #4B
San Dimas, CA 91773

Submit the following **ELECTRONICALLY** to:

- 1. **Entry Form** with **Award Entry Category # Specified** (MS Word)
- 2. **Signature Form** with **Award Entry Category # Specified** (Adobe PDF)
- 3. **Two-page Project Summary** (MS Word format)
- 4. **200 to 300-word Project Abstract** (MS Word format)
- 5. **Display Board Electronic Files** (Hi-Res Adobe PDF 30x42, and Low-Res JPG 11x17 formats)
- 6. **MS PowerPoint Presentation** (6 to 12 slides, Adobe PDF and PowerPoint PPT formats)
- 7. **High-Resolution photo(s) of the Project**, (One to Three [1-3] Photo in JPEG or TIFF format)