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## ***STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA***

### **2012 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS**

#### **CALL FOR ENTRIES**

The Structural Engineers Association of California (SEAOC) is the statewide professional organization for Structural Engineers. Each year, through SEAOC's Excellence in Structural Engineering Awards program, recognition is given to SEAOC Members and Member SE's that have demonstrated outstanding achievement and excellence in structural engineering practice and project work. The awarded projects and their recipients serve as models of excellence in structural engineering representing California Structural Engineers. The SEAOC 2012 Awards will be presented at an awards ceremony during the SEAOC 2012 Annual Convention to be held at The Eldorado Hotel & Spa, Santa Fe, New Mexico – September 12-15, 2012.

#### **PURPOSE**

The purpose of the SEAOC 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 Awards program to educate the public as to the contributions of Structural Engineers to the built environment and public safety. Founded in 1930, SEAOC is committed to advancing the art and science of structural engineering.

#### **OVERVIEW**

The enclosed packet of information contains SEAOC 2012 Awards program judging criteria, award categories, rules for eligibility, entry instructions, forms and the deadline for submission. Entrants are eligible for awards in eight categories as listed below. The awards will be judged by a distinguished Jury panel consisting of seven jurors from the fields of structural engineering, architecture and construction. The SEAOC Awards will be published in the SEAOC Newsletter and Website, and will be made available to local media and professional journals via press releases through the Public Relations 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 award 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** 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. This category is intended to encompass projects or efforts that are not a constructed project.

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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 and 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 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. 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 project, either as the Engineer of Record, a Responsible Engineer or Principal Investigator. A Responsible Engineer may be the Bridging Documents Engineer for a project that utilizes a design-build delivery method, or the Engineer of a specific component of a project but not the Engineer of Record of the overall project. For projects that utilize an alternative project delivery method, such as a design-build delivery, the Entrant shall clearly state their project role in the Project Summary document, as the level of involvement of the Bridging Documents Engineer and Design-Build Engineer of Record can vary significantly from project-to-project. The Bridging Documents Engineer and/or the Design-Build Engineer of Record may submit for an award. It is acceptable and encouraged, when both engineers contributed significantly to the project, for the Bridging Documents Engineer and Design-Build Engineer of Record to submit jointly for an award.

### JUDGING CRITERIA

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

- Design Creativity
- Technical Innovation
- System Efficiency and Economy
- Constructability
- Complexity of Problems Solved
- Design Integration
- Quality of Execution
- Significant 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 seven jurors. The jury panel members will include one Member SE from each of SEAOC's four regional sections, and additionally, a professor of structural engineering, a licensed architect and a licensed contractor.

### RULES OF ELIGIBILITY

## SEAOC 2012 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

1. Projects may be of any size, type, or location.
2. The project entry must have been constructed or completed between December 31, 2008 and January 1, 2012.
3. At least one member of the design team, research team, or a principal of the firm responsible for the entry, shall be a SEAOC Member or Member SE in good standing.
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 project award recipients are not eligible.
7. Each entry submission 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 statewide SEAOC Awards program, entries need not have been previously submitted to one of the other regional SEAOC, SEAONC, SEAOSC or SEAOSD Award programs, however, entrants are encouraged to submit the project to their regional association Awards program where the project is located, or near the home office of the Engineer-of-Record.
9. Entries will not be automatically submitted to the statewide SEAOC Awards program by the regional Award programs. The entrant and submitting firm is solely responsible to enter the project in the statewide SEAOC Awards 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 must include the following:

1. Each entry must be accompanied by a completed Entry Form along with a **\$150 Entry Fee**. Please make checks payable to SEAOC. Use the enclosed Entry Checklist to ensure your entry is complete.
2. All entry materials are to be submitted accompanied by the enclosed Signature Form which requires the signature and consent of the Engineer-of-Record, Responsible Engineer or Principal Investigator.
3. Submit a Display Board of 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.
4. Submit no more than a two-page Project Summary (12 pt. font; 8-1/2" x 11" format) with each entry 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. Provide a hardcopy and a Microsoft Word file of the document.
5. Submit a 200 to 300 word well-written 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. Note, the abstract should not be self-promotional in its tone but rather descriptive of the merits of the project.
6. A CD (PC compatible format) containing the following. A Project Summary and Project Abstract in MS Word format, and, the Display Board in **both Adobe PDF and low resolution (11" x 17") JPG formats**. Include a separate MS PowerPoint format file containing summary slide images with caption descriptions (6 min; 12 max). Please do not include in the PowerPoint slides any animations, special transitions or other features. Include in a separate file if necessary. The PowerPoint slides will be made available for the Awards presentation. Include one high-resolution JPEG or TIFF file format digital photo 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.
7. With the exception of the Display Board, do not submit original materials. Submitted materials will not be returned except the Display Board which will be made available for pickup at the SEAOC office following the Awards Ceremony.
8. All entries shall become the sole property of SEAOC. SEAOC reserves the right to use or publish some or the entire entry material in publications. By entering, the entrant grants a royalty-free license to 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

## SEAOC 2012 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

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

1. Construct board from ¼" 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. Include the names of the Structural Engineer, 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***: "SEAOC 2012 Excellence in Structural Engineering Awards". Note, boards previously submitted in the same year to regional Awards programs are acceptable without revision of this wording.
  - 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. Please do not frame or set the board in glass or plastic.
3. To view images of submitted display boards of previous SEAOC awarded projects, visit the SEAOC website at <http://www.seaoc.org/>

### DEADLINE FOR ENTRIES

Entries with all supporting materials, forms and fees must be received by 5:00pm on Friday, June 29<sup>th</sup>, 2012 at the SEAOC office below. Entry forms are included in this packet of information. The entry information packet and forms may also be downloaded from the SEAOC website ([www.seaoc.org](http://www.seaoc.org)). All entry materials should be clearly labeled as "Submission for SEAOC 2012 Excellence in Structural Engineering Awards" and delivered to the following address:

#### **SEAOC 2012 Excellence in Structural Engineering Awards**

#### **SEAOC OFFICE**

**Attn: Don Schinske**  
**1020 12<sup>th</sup> Street, Suite 303**  
**Sacramento, CA 95814**

Don Schinske can be reached at the following: Phone (916) 447-1198; Fax (916) 444-1501;  
E-Mail [dschinske@seaoc.org](mailto:dschinske@seaoc.org).

Upon receipt of a complete entry submission, an email will be sent confirming receipt. Award recipients will be individually notified by email no later than August 3<sup>rd</sup>, 2012. The SEAOC 2012 Awards will be presented at an Awards Ceremony during the SEAOC 2012 Annual Convention to be held at The Eldorado Hotel & Spa, Santa Fe, New Mexico – September 12-15, 2012. For further information, please contact the SEAOC office by e-mail at ([info@seaoc.org](mailto:info@seaoc.org)), or by telephone at 916-447-1198 and facsimile at 916-444-1501.

# SEAOC 2012 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS



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**ENTRY FORM – one entry per form**

**(SEAOC Use Only) Project # \_\_\_\_\_**

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**Name of Project**

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**Project Address**

**City**

**State**

**Zip Code**

**Project Completion Date:** \_\_\_\_\_

**Check \_\_\_\_\_ if Student Entry**

**Project Construction Cost:** \_\_\_\_\_

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

- \_\_\_\_ 1. Study/Research/Guidelines
- \_\_\_\_ 2. Special-Use Structures
- \_\_\_\_ 3. Infrastructure
- \_\_\_\_ 4. Historic Preservation
- \_\_\_\_ 5. Retrofit/Alteration
- \_\_\_\_ 6. New Construction
- \_\_\_\_ 7. Sustainable Design
- \_\_\_\_ 8. Landmark Structures

*Please make sure contact information for all participants is complete. Type or print legibly. This information will be used for publicity purposes. **List all names as you would like them to appear.** Digital versions of this form must be in Microsoft Word or Excel document file.*

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**Entrant – Name, Title & E-mail Address**

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Firm Name

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Street

City

Zip

Phone Number

# SEAOC 2012 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

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**Engineer-of-Record, Responsible Engineer or Principal Investigator – Name, Title & E-mail Address**

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Firm Name

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Street

City

Zip

Phone Number

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**Owner / Client / Sponsor – Name, Title & E-mail Address**

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Firm Name

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Street

City

Zip

Phone Number

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**Architect – Name, Title & E-mail Address**

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Firm Name

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Street

City

Zip

Phone Number

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**General Contractor – Name, Title & E-mail Address**

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Firm Name

---

Street

City

Zip

Phone Number

# SEAOC 2012 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS



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**SIGNATURE FORM – one entry per form**

**(SEAOC Use Only) Project # \_\_\_\_\_**

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**Name of Project**

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**Project Address**

**City**

**State**

**Zip Code**

**Project Completion Date:** \_\_\_\_\_

**Check \_\_\_\_\_ if Student Entry**

**Project Construction Cost:** \_\_\_\_\_

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

- \_\_\_\_ 1. Study/Research/Guidelines
- \_\_\_\_ 2. Special-Use Structures
- \_\_\_\_ 3. Infrastructure
- \_\_\_\_ 4. Historic Preservation
- \_\_\_\_ 5. Retrofit/Alteration
- \_\_\_\_ 6. New Construction
- \_\_\_\_ 7. Sustainable Design
- \_\_\_\_ 8. Landmark Structures

**NOTE:** *The following signatures are mandatory – signed letters of authorization may be attached. Digital versions of this form must be in Microsoft Word or Excel document file.*

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**Entrant's Signature**

**Date**

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**Engineer of Record, Responsible Engineer or Principal Investigator Signature**

**Date**

# SEAOC 2012 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS



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## ENTRANT'S CHECKLIST

Please use this form to ensure your entry is complete.

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Name of Project \_\_\_\_\_

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Project Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip Code \_\_\_\_\_

\_\_\_ **Entry Form Enclosed Including \$150 Entry Fee**

\_\_\_ **Signature Form Enclosed**

\_\_\_ **Category # Specified in Entry Form and Signature Form**

\_\_\_ **30" x 40" Display Board**

\_\_\_ **Hardcopy of Two-page Project Summary in MS Word format**

\_\_\_ **Hardcopy of 200-word Project Abstract in MS Word format**

\_\_\_ **Display Board in Adobe PDF and Low-Resolution JPG formats**

\_\_\_ **6 to 12 slides in MS PowerPoint format**

\_\_\_ **One High-Resolution JPEG or TIFF format photo of the finished project**

\_\_\_ **A CD (PC compatible format) containing electronic media**

**(SEAOC Use Only)**

Entry # \_\_\_\_\_