

ACEC

AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Louisiana

Call For Entries
2019

ENGINEERING EXCELLENCE AWARDS



CALL FOR ENTRIES

ENGINEERING EXCELLENCE

ACHIEVING RECOGNITION

ACEC/L's 2019 Engineering Excellence Awards competition offers the opportunity to showcase the best engineering achievements to an audience of clients, peers, and decision-makers at all levels. The EEA ceremony celebrates, with pride and elegance, the outstanding achievements of the engineering profession.

The American Council of Engineering Companies of Louisiana's annual Engineering Excellence Awards (EEA) competition recognizes engineering firms for projects that demonstrate a high degree of achievement, value, and ingenuity.

Each year, engineering firms are invited to enter their most innovative projects and studies for the state competition conducted by the American Council of Engineering Companies of Louisiana (ACEC/L). EEA entries will be accepted into one of 12 project categories: Studies, Research, and Consulting Engineering Services; Building/Technology Systems; Structural Systems; Surveying and Mapping Technology; Environmental; Waste and Storm Water; Water Resources; Transportation; Special Projects; Small Projects; Energy; and Industrial and Manufacturing Processes and Facilities.

Project entries must be designed by engineers located in Louisiana. A distinguished panel will judge the projects. These professionals may have backgrounds in engineering, construction, architecture, state and federal government, media, academia, and military. The panel will evaluate projects for engineering excellence and then select Winners and Honor Awards for each subcategory. One Grand Conceptor Award will be chosen from among the Category Winners. All submitted projects will be rated on the basis of uniqueness and/or innovative application of new or existing techniques; future value to the engineering profession and enhanced public awareness/enthusiasm of the role of engineering; social, economic, and sustainable development considerations; complexity; and successful fulfillment of client/owner needs, including schedule and budget.

ACEC/L's Engineering Excellence Awards provide firms an opportunity to obtain statewide recognition and to showcase their talent and expertise at a prestigious awards ceremony.

ELIGIBILITY

Any firm engaged in the private practice of consulting engineering or surveying in the state of Louisiana is eligible to enter the awards program whether or not the firm is an ACEC of Louisiana member. Projects may have been executed anywhere in the world, but a substantial role must have been completed by personnel in a Louisiana office. A project may be entered only once in any category. There is no limit to how many different projects a firm may enter.

Studies, Research and Consulting (Category A) or Surveying and Mapping Technology projects (Category D) must have been publicly disclosed by the client between July 1, 2015 and July 1, 2019. Construction of projects (Categories B through L—with the exception of D) must have been substantially completed and ready for use between July 1, 2015 and July 1, 2019. However, only projects ready for use between November 1, 2017 and July 1, 2019 will be eligible to be submitted for the national EEA awards program.

ENTRY CRITERIA

ENTRY DEADLINE - Online entry submission must be completed by: **Friday, September 16, 2019 (midnight)**.

FEE - \$500 entry fee per project for ACEC of Louisiana members; \$1,000 entry fee per project for non-ACEC of Louisiana members.

AWARD DECISIONS ARE FINAL- Entries will be judged on the basis of overall engineering excellence. Entries will also be judged on the basis of the work performed by the entering firm only and according to the rating guidelines listed on page 4.

RESEARCH OR CONSULTING SERVICES- Entries in Category A (refer to page 5 for category listing) must be accompanied by a supplementary REPORT containing findings, graphs, drawings and other material as applicable.

AWARD LEVELS

Category Winners. One winner from each Category will be selected from the eligible submissions by vote of the judges.

Honor Awards. Honor Awards will be given to those projects worthy of recognition by the judges.

Grand Conceptor Award. A Grand Conceptor Award will be selected from the eligible Category Winners. This will not be announced until the Awards Ceremony.

All Category and Honor Awards are eligible to progress to the National ACEC EEA Competition, at the firm's expense. ACEC National rules and submission criteria may differ from ACEC of Louisiana's. Visit: <https://www.acec.org/awards-programs/engineering-excellence-awards/> for details.

Awards will be presented to the firm and owner/client at the Engineering Excellence Awards Ceremony to be held the evening of November 21, 2019 in Baton Rouge, Louisiana.

**Additional awards may be ordered at the winner's expense.

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DEFINITIONS OF RATING GUIDELINES













RATING GUIDELINES FOR JUDGES	
20%	Uniqueness and/or Innovative Application of New or Existing Techniques
20%	Future Value to the Engineering Profession and Enhanced Public Awareness/Enthusiasm of the Role of Engineering
20%	Social, Economic, and Sustainable Development Considerations
20%	Complexity
20%	Successful Fulfillment of Client/Owner Needs

1. **Uniqueness and/or Innovative Application of New or Existing Techniques:**
 - ◆ Does the entrant's contribution to the project demonstrate use of a new science or a breakthrough in the general knowledge of engineering?
 - ◆ Does the entrant's contribution to the project represent a unique application of new or existing technology, techniques, materials or equipment?
2. **Future Value to the Engineering Profession and Enhanced Public Awareness/Enthusiasm of the Role of Engineering:**
 - ◆ Will the entrant's contribution to the project redefine current engineering thinking?
 - ◆ Does the entrant's project increase public awareness/enthusiasm about the role of engineering in their every day lives?
3. **Social, Economic, and Sustainable Development Considerations:**
 - ◆ Do the solutions identified produce secondary benefits of value to the community environment?
 - ◆ Does the entrant's approach provide society with social, economic, or sustainable development benefits?
 - ◆ Does the entrant's contribution to the project improve the health, safety or welfare of the public or affected environment?
4. **Complexity:**
 - ◆ Did the entrant's efforts successfully address highly complex criteria or unique problems?
 - ◆ Were extraordinary problems of site, location, hazardous conditions, project requirements, or similar elements present?
 - ◆ Did the entrant's solutions require the use of out-of-the-ordinary technology or ingenuity for achievement of the project's goals?
5. **Successful Fulfillment of Client/Owner Needs:**
 - ◆ Did the engineer or entrant successfully engage the client/owner in the overall project development process?
 - ◆ Did the entrant introduce an economical and cost-effective solution?
 - ◆ How did the final cost compare to original budget estimate?
 - ◆ How closely does the entrant's solution meet the total goals of the client/owner?
 - ◆ Did the entrant meet the client's time schedule?

DATES TO REMEMBER	
July 14, 2019:	Call for Entries
September 16, 2019:	Submission Due Date
October 10, 2019:	Award Recipients Notified and Announced
November 21, 2019:	Awards Ceremony

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PROJECT CATEGORIES

<p>CATEGORY A</p>  <p>Studies, Research, and Consulting Engineering Services</p> <p>Non-design services including, but not limited to:</p> <ul style="list-style-type: none"> • New products, materials and technologies • Expert testimony • Basic research and studies • Computer/software technology • Technical Papers • Public outreach/ involvement • Water conservation • Security plans • Project feasibility studies/economic/risk 	<p>CATEGORY B</p>  <p>Building/ Technology Systems</p> <ul style="list-style-type: none"> • Mechanical/ Electrical/ Plumbing • Computer/ Technology • Communications • Acoustics • Software Systems • Sustainability or carbon neutrality • Efficiency certification standards, e.g. LEED • Energy efficiency - new and retrofit • Secure facilities (military/research/ correctional) 	<p>CATEGORY C</p>  <p>Structural Systems</p> <ul style="list-style-type: none"> • Foundations • Tunnels • Buildings • Seismic Design • Towers • Bridges • Stadiums 	<p>CATEGORY D</p>  <p>Surveying and Mapping Technology</p> <ul style="list-style-type: none"> • Geometrics, ALTA, land title, and rights surveys • Control, GPS, monitoring, or construction surveying • Survey mapping, GIS/LIS, and photogrammetry 	<p>CATEGORY E</p>  <p>Environmental</p> <ul style="list-style-type: none"> • Hazardous waste • Solid Waste • Restoration/ reclamation/ remediation • Air quality • Noise • Recycling • Waste pond management • Carbon sequestration and trading • Mitigation 	<p>CATEGORY F</p>  <p>Waste and Storm Water</p> <ul style="list-style-type: none"> • Wastewater collection/ treatment and disposal • Residuals management and reuse • Graywater systems • CSO's • Mine tailings • Agricultural • Storm water management • Erosion control
<p>CATEGORY G</p>  <p>Water Resources</p> <ul style="list-style-type: none"> • Hydraulics, hydrology • Surface and groundwater supply development • Treatment • Transmission, distribution & storage • Watershed management • Water use reduction • Flood risk management • Climate adaptation • Coastal and eco-system restoration • Locks/dams/water control structures • Irrigation 	<p>CATEGORY H</p>  <p>Transportation</p> <ul style="list-style-type: none"> • Highways • Rail • Airports • Marine/ports • Public transit • Intermodal Facilities 	<p>CATEGORY I</p>  <p>Special Projects</p> <ul style="list-style-type: none"> • Safety and security • Corrosion protection/ cathodic protection • Program and construction management • Land development • Trenchless technologies/ directional boring • Recreational facilities • Subsurface engineering 	<p>CATEGORY J</p>  <p>Small Projects</p> <ul style="list-style-type: none"> • Total project construction budget does not exceed \$2.5 million. At the entrant's discretion, except for entries in Category A, projects under \$2.5 million are not limited to this category. 	<p>CATEGORY K</p>  <p>Energy</p> <ul style="list-style-type: none"> • Transmission and distribution • Power generation • Renewable energy • Cogeneration • Energy storage technologies • Energy usage reduction programs • Demand side management 	<p>CATEGORY L</p>  <p>Industrial and Manufacturing Processes and Facilities</p> <ul style="list-style-type: none"> • Petrochemical • Biotech • Manufacturing • Heavy industry • Industrial waste • Materials handling • Mining, metallurgy, mineralogy

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I. OFFICIAL ELECTRONIC ENTRY

All project information shall be submitted electronically.

Each document must be uploaded separately through ACEC/L's Awards Submittal Portal. The electronic entry must contain all of the following items:

1 ELECTRONIC PROJECT SUBMISSION FORM

Located on the ACEC/L website <http://www.acec.org/eea2019/Louisiana>. Once the entrant has completed the project submission form, the form can be printed to be signed by all required parties. This form can then be uploaded as part of the electronic project submission. Specifications: PDF format.

NOTE: You must submit entry fee payment via check to ACEC/L with a copy of the project entry form post marked by September 16th at midnight to 9643 Brookline Avenue, Suite 112 Baton Rouge, LA 70809 (\$500 for ACEC members; \$1,000 for non-ACEC members.)

Original completed entry form must be signed by both the entrant and the client/owner (senior executives/officials), stating that the submitted project was ready for use between July 1, 2015 and June 30, 2019. Electronic signatures are accepted.

The following project information must be uploaded individually and included with your Engineering Excellence Awards submittal.

2 CLIENT/OWNER LETTER (one page max.) Letter addressed to ACEC/L describing the relationship of the client/owner and entrant in the development of the project, the project is ready to use, and how the entrant's contribution exceeded the client/owner's needs. Specifications: PDF format.

3 EXECUTIVE SUMMARY (one page max.) Overview of project. Describe the problem and solution. Project title and entry category must appear at the top of the page. Specifications: 8.5" x 11"; 1" side margins; single-spaced text; 12 pt. minimum size font; PDF format.

4 PROJECT DESCRIPTION (six pages max.) Tell the story of the project. Address items a, b, c, and d as follows. Project title, entry category, and page number must appear at the top of each page. Entrants may use text, photos, graphics, or charts as needed. Specifications: 8.5" x 11"; 1" side margins; single-spaced text; 12 pt. minimum size font; PDF format.

Text must include the following:

- a. **ROLE OF ENTRANT'S FIRM** in the project.
- b. **ROLE OF OTHER CONSULTANTS** participating in the project.
- c. **ENTRANT'S CONTRIBUTION TO THE PROJECT:**

A brief description of the entrant's contribution addressing each of the following Rating Guidelines (refer to "Rating Guideline Definitions" on page 4 for detailed rating and judging information):

- ◆ Uniqueness and/or innovative application of new or existing techniques.
- ◆ Future value to the engineering profession and enhanced public awareness/enthusiasm of the role of engineering.
- ◆ Social, economic, and sustainable development considerations.
- ◆ Complexity.
- ◆ Successful fulfillment of client/owner needs.

Include total construction budgeted cost, total construction actual cost, entrant's portion of the budgeted cost, entrant's portion of the actual cost, and scheduled and actual dates of completion (as indicated on the Electronic Project Submission Form).

d. SUMMARY: Describe in layman's terms why this project is worthy of special recognition (word count between 100 - 500 words). Explain all factors that exhibit the project's uniqueness and complexity, such as innovative engineering, challenges faced and overall social impact. **NOTE:** This summary will provide the basis for all ACEC/L publicity on the project.

5 KEY PARTICIPANTS

List the key participants on the project including firm name, address, phone number, website, and e-mail address of each participant. Include contractors, subcontractors, other engineers, architects and designers significantly involved in the project. Specifications: 8.5" x 11"; PDF format.

6 PHOTOS OR GRAPHICS

Six different photos or graphics (one per page) with captions describing the subject matter (refer to "Image Guidelines" below). Captions shall begin with: Photo 1, Photo 2, etc. Specifications: JPEG file; RGB format; High Resolution (300 dpi).

Photo Captions: Once photos are uploaded, type in the captions in the small box under each photo on the online submittal site.

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Image Guidelines:

Because the images will be projected on a large screen during the EEA gala, it is very important to submit sharp, high-quality, high-resolution images.

Three of the photographs must show the completed project and provide the highest level of visual impact for publicity. Three of the photographs must display the planning, startup, and/or construction phases of the project.

7 PHOTOGRAPHIC DISPLAY PANEL

Small-size copy of the photographic display panel.

Specifications: JPEG file; RGB format; High Resolution (300 dpi).

8 MEDIA LIST

E-mail addresses of local newspapers, TV, radio stations and other media outlets where your project can be highlighted.

Specifications: Excel Format

9 POWERPOINT PRESENTATION

PowerPoint file, containing 8 slides including a title slide with ACEC and EEA logos, firm name, project name, project location: city and state, followed by 6 slides that include images 1 through 6 (same images as Item 6 above), plus the last slide that contains the photographic display panel. This presentation will be used by the judges as part of their evaluation. Do not include sound, transition effects, animation, preset timing, or slide show sequencing. A PowerPoint presentation template is downloadable from the ACEC/L's website.

10 SUPPLEMENTARY REPORT

Include a supplementary report containing the findings portrayed with text, graphs, or photos, as needed.

NOTE: This report is ONLY required for Category A submittals.

II. PHOTOGRAPHIC DISPLAY PANEL

Panel text and photos should demonstrate the challenges, solutions, innovation, complexity and unique aspects of key project elements. The panel should be prepared with high-quality photos and graphics with minimal text.

PHOTOGRAPHIC PANEL REQUIREMENTS:

1. **PANEL SIZE:** 30" x 30" square, with a matte finish, laminated front and back as follows:
 - a. Front lamination thickness: 5 mil
 - b. Back lamination thickness: 5 mil
 - c. Panel stock thickness before lamination: no more than 5-6 mil
 - d. Total panel (with lamination) thickness: 15-16 mil

NOTE: Framed or mounted panels will NOT be accepted.
2. **PHOTOS/GRAPHICS:** Maximum of 6 photos and/or graphics shall be used on the panel. Each image shall be a minimum of 7" x 5" or 35 square inches in area. A background photo is not considered a photograph.
3. **TEXT/FONTS:** Panel text may not exceed 250 words total, not including captions. Font sizes: 32 pt. minimum font for text or descriptions; 28 pt. minimum font for captions and graphics.
4. **REQUIRED ELEMENTS:** The front of the panel shall also include the ACEC/L logo (download from ACEC/L website), title and location of the project or study, client/ owner's name and location, and entering firm's name and location (minimum 32 pt. font size).
5. **CORNER SPACE:** Leave a 2"x 2" space in the upper right-hand corner of the panel that is free of text or images. Do not leave the "blank" space as a white square; the background scheme should continue, but will be partially covered by the review committee's coding label.
6. **BACK OF PANEL LABEL:** Add a label to the back of the panel with the name of the entrant's firm, the firm address, the project name, and the entry category.

See ACEC/L EEA website for example of photographic panel.

SHIPPING

Photographic display panels must be rolled and shipped in mailing tubes.

The photographic Display Panel, Signed Submission Form and Check can be mailed to:

American Council of Engineering Companies of Louisiana
 ATTN: Doreen Brasseaux
 9643 Brookline Avenue, Suite 112
 Baton Rouge, LA 70809

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OFFICIAL ENTRY FORM

Furnish all information requested below for each entry (signatures by the submitting firm(s) and the client(s)/owner(s) are required). Firm, project, and client/owner's name should be typed or printed as they are to appear on the award. Please limit the project name to 45 characters; not including spaces. A fee of \$500 per entry for ACEC/L members (\$1,000 for non-ACEC/L members). This Form and payment via check must be submitted by midnight September 16, 2019 to 9643 Brookline Avenue, Suite 112, Baton Rouge, LA 70809.

ABOUT THE PROJECT

Project Name _____ (limit to 45 characters)

Judge this entry in the following category (check one):

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> A. Studies, Research, and Consulting Engineering Services | <input type="checkbox"/> D. Surveying and Mapping Technology | <input type="checkbox"/> G. Water Resources | <input type="checkbox"/> K. Energy |
| <input type="checkbox"/> B. Building/Technology Systems | <input type="checkbox"/> E. Environmental | <input type="checkbox"/> H. Transportation | <input type="checkbox"/> L. Industrial and Manufacturing Processes and Facilities |
| <input type="checkbox"/> C. Structural Systems | <input type="checkbox"/> F. Waste and Storm Water | <input type="checkbox"/> I. Special Projects | |
| | | <input type="checkbox"/> J. Small Projects | |

Project Location: City _____ State _____

What was the Entrant's Role in the project? _____

ABOUT THE PROJECT'S SCHEDULE AND BUDGET

Budgeted and/or actual costs may not apply to some studies in Category A and some projects in Category D.

With the exception of Category A and some Category D projects, costs reflected below are always construction costs and are NOT engineering fees. If your firm was responsible for the entire engineering-design of the project, then the Entrant's Portion of the Total Construction Budget amount and the Entrant's Portion of the Total Construction Actual Cost amount will be the same as the Total Construction Budget amount and Total Construction Actual Cost amount.

If your firm was not responsible for the entire engineering-design of the project, then the Entrant's Portion of the Total Construction Budget amount and the Entrant's Portion of the Total Construction Actual Cost amount should be the part of total project construction cost your firm was responsible for. (i.e. a mechanical engineering firm was responsible for \$12M of a total Construction budget of \$40M. \$12M is the Entrant's Portion of the Total Construction Budget. \$40M is the Total Construction Budget.)

Completion/Use Dates: Scheduled _____ Actual _____

Category A & D Costs: Budgeted \$ _____ Actual \$ _____

Construction Costs: Total Construction Budget \$ _____ Total Construction Actual \$ _____

Entrant's portion of Total Construction Budget \$ _____ Entrant's portion of Total Construction Actual \$ _____

Check box if project was awarded through QBS process.

ABOUT THE FIRM(S) SUBMITTING THE PROJECT

Entering Firm(s) _____

Firm CEO _____

Firm Representative _____

Must be available by phone (phone calls will only be made if there are clarifications or additional information required for your submittal).

Address (no P.O. Box) _____ City _____ State _____ Zip _____

Phone (_____) _____ Cell (_____) _____ Fax (_____) _____

E-mail _____

I hereby authorize submission of this project into the American Council of Engineering Companies of Louisiana's 2019 Engineering Excellence Awards competition.

Senior Executive/Principal _____ Title _____

Signature _____ Date _____

Address (no P.O. Box) _____ City _____ State _____ Zip _____

Phone (_____) _____ Fax (_____) _____

E-mail _____

ABOUT THE CLIENT/OWNER(S) OF THE PROJECT

Client/Owner(s)

I believe the work of the engineer meets the intended uses and expectations for the project and hereby grant permission to enter this project in the ACEC/L 2019 Engineering Excellence Awards competition, and authorize publication of its outstanding features, unique aspects, or innovations. I confirm that the project was ready for use between July 1, 2015 and July 1, 2019.

Client/Owner Representative _____

Title _____ Signature _____ Date _____

Address (no P.O. Box) _____ City _____ State _____ Zip _____

Phone (_____) _____ Fax (_____) _____

E-mail _____