



Purpose

The purpose of the Carl Anderson Conservation Engineering Project Awards competition is to give recognition to those members, consultants and/or their departments whose work, as judged by their peers and associates, best exhibits the goals and objectives of The Association of Conservation Engineers.

Categories

Project Category A - STUDIES / RESEARCH PROGRAMS

Non-design services including, but not limited to: Pilot/experimental projects; bioengineering; electrical heating; new products and materials; basic research on new technology; fuels and water; properties and uses of fuels; research in natural resources; hazardous waste studies; resource recovery; environmental impact studies; soils and other subsurface geotechnical investigation and evaluation; damage correction; computer services; technical papers. All of the entries in Category A are involved with non-construction document design services.

Project Category B - CONSERVATION / ENVIRONMENTAL

Dams (water supply, irrigation, flood control, recreational) Fisheries management, Parks and Wildlife facilities, Energy generation, transmission, distribution, conversion, conservation and storage-mitigation, Drainage systems, Incineration, Mine Reclamation, Resource recovery, Waste treatment facilities, Water resources and supply, Wetlands treatment.

Project Category C - SPECIAL PROJECTS

Any project that does not fit into other categories including, but not limited to: Erosion protection and control Recreational theme parks, zoos, marinas, aquariums, Site development, Structure of buildings, Historical restoration, and Construction projects resulting from unique studies or research of the type in Category A.

Eligibility

Entrant:

Any governmental agency or department, or its selected consultant, engaged in the fields of recreation, wildlife preservation, tourism and/or conservation of the natural environment that is a member of or has made application for membership in the ACE is eligible for participation in this awards program.

Project:

1. The project entered must be the completed work of the governmental agency or department making the submission.
2. Up to two project entries may be submitted by each participant.
3. The project must have been completed within the **24 months** preceding its submittal.
4. The project must have written permission from the owner for entry into the competition and future publication.



Entry

Making your submittal for the ACE Conservation Project Engineering Award is a simple two-step process:

FIRST: Prepare your **Entry packet**. Entries must be emailed no later than, Sunday, **September 13, 2020**.

The entry Packet shall include the following:

The entry Packet shall include the following:

1. A copy of the ACE Declaration of Intent form
2. Letter from the agency or owner giving written permission allowing for publication of any feature or innovation found to be of interest to the members of the Association.
3. ACE Data Sheet 1 (attached).
4. ACE Data Sheet 2 (attached).
5. Drawings; up to a maximum of 4 sheets as needed to delineate project.
6. Colored photographs (a maximum of six) may be utilized to complement the written description.

Note: *If submittal is larger than 10 MB, then the entry can be submitted on a CD to the Committee Chair.*

Winners will be notified to prepare a digital Project Panel to bring for display and presentation at the ACE 59th Annual Online Webinar Conference in, October 21-22, 2020 or at a successive conference.

Winner Project Panel

To be completed before the 2020 Conference or successive Conference.

A project presentation is required of those winning entries receiving an Award of Excellence or an Award of Merit, and is requested, but optional, from the winner of the Award of Honor.

Submit to:

ACE Committee Chairman—Linda Logan, PE

Linda.Logan@mdc.mo.gov



ASSOCIATION OF CONSERVATION ENGINEERS

27th Annual Carl V. Anderson Engineering Project Awards

Competition Announcement and Rules



Judging

The judging panel shall consist of not less than three nor more than five judges. All judges will be qualified design professionals such as engineers, architects, biologists, botanists or others involved in the conservation or environmental field. At least two of the judges will be a member of ACE. The judges will be selected by the Awards Committee and may reside in the state hosting the conference. The judges will meet soon after the submission deadline to evaluate and select the projects to receive awards. The judges' decision shall be final.

Definitions of Ratings Guidelines

Originality / Innovation / New Application of

Existing Techniques:

Does the entry represent any new branch of conservation engineering or some type of breakthrough in general knowledge of our environment?
Does the entry represent a unique mix of different techniques, materials or equipment?

Technical value to the Conservation Engineering Profession:

Does the entry advance the state of the conservation engineers' art?

Complexity:

Does the entry involve very complex criteria or types of problems to be addressed?
Were extraordinary problems of site, location, hazardous conditions, project requirements, or similar elements present?
Does the entry require out-of-the-ordinary technology and ingenuity for achievement?

Awards

The jury shall make awards to three meritorious entries. At the discretion of the jury, the number of awards may be limited or expanded. The following awards will be issued:

- Award of Excellence.....Special Award
- Award of Merit.....Plaque
- Award of Honor.....Plaque

Meeting and Exceeding Owner's Needs:

Is it an economical and cost-effective solution?
How did final cost relate to original budget estimate?
How closely does the entrant's solution meet the total goals of the owner?
Does the entry meet and justify its original concept?
Did the entrant meet the owner's time schedule?

Natural Resources and Environmental

Considerations:

Does the entrant's solution bring into play an improved program, i.e., are additional benefits realized as a spin-off?
Does the entrant's role provide society with any useful advancement in the area of conservation and environmental sciences?
Is the public health, safety, or welfare enhanced as a result of the entrant's role in the project.

A certificate of participation may be presented to all other qualified entries. From time to time a letter of recognition or certificate may be awarded to other entries as the judges may recommend.

Awards will be mailed to winners.



ASSOCIATION OF CONSERVATION ENGINEERS

27th Annual Carl V. Anderson Engineering Project Awards

Competition Announcement and Rules



For use of award chairperson only



PROJECT REG. NO. _____

Received _____

DECLARATION OF INTENT TO SUBMIT FOR ACE CONSERVATION PROJECT ENGINEERING AWARDS

(This page is due by email by Sunday, September 13, 2020)

Date submitted: 9/11/2020

Note: Please furnish all information requested below for each entry. If additional forms are required, copy this format.

I intend to submit an entry to the Association of Conservation Engineers Design Awards Program in the following category and division designated.

Category *(Check One)*

A. Studies/Research Program _____

B. Conservation/Environmental _____

C. Special Projects X

Budget Cost of Project: \$225,400 Scheduled Completion: 12/23/2019

Actual Cost of Project: \$225,400 Actual Completion: 2/2/2020

Name of Submitting Entity: Florida Fish and Wildlife Conservation Commission

Address: 620 South Meridian St. Tallahassee, FL 32399

Contact Name: Catalina Weaver, P.E. Phone No: (850) 922-6160

E-mail: Catalina.Weaver@myfwc.com Fax No: (_____) _____

Name of Project: Fisheating Creek Flood Resistant Prototype Structure

Location: 7555 US Highway 27N. Palmdale, FL 33944

Owner's Name: Florida Fish and Wildlife Conservation Commission

Note: Remember to get Owner's approval for use of project award nomination

Name of Consultant(s): G. M. Hill Engineering, Inc.

(if applicable) May be the same as submitting entity

Note: The submitting entity or the owner of the project must be a member of the ACE organization or must have



For use of award chairperson only



PROJECT REG. NO. _____

Received _____

ACE 2020 DESIGN AWARDS DATA SHEET #1

(This page is due by email by Sunday, September 13, 2020)

PROJECT NAME: Fisheating Creek Flood Resistant Prototype Structure

1. Agency / Firm Making Submittal: Florida Fish and Wildlife Conservation Commission

2. Address: 620 South Meridian St. Tallahassee, FL 32399

3. Contact Name: Catalina Weaver, P.E. Contact Phone No: (850) 922-6160

E-mail: Catalina.Weaver@myfwc.com Fax No: _____

4. Project Location: 7555 US Highway 27N. Palmdale, FL 33944

5. Project Category: Special Projects

6. Outside Consultant (s): G. M. Hill Engineering, Inc.

7. If a winning entry, please give exact Project Information as it should appear on the plaque or certificate:

Name of Project: Fisheating Creek Flood Resistant Prototype Structure

Project Owner &/or Consultants: Florida Fish and Wildlife Conservation Commission
Consulting services by G. M. Hill Engineering, Inc.

Project Location: 7555 US Highway 27N. Palmdale, FL 33944



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ACE 2020 DESIGN AWARDS DATA SHEET #2

(This page is due by email by Sunday, September 13, 2020)

PROJECT NAME: Fisheating Creek Flood Resistant Prototype Structure

In approximately 500 words (total), write a short summary of the project features and solutions that best answer the following rating guidelines:

Note: *The unnecessary use of names of agencies, departments, consultants or individuals should be avoided. The name of the submitter(s) is removed prior to project review, so that the panel of judges may consider projects based on solely on merit.*

- | | |
|---|-------------|
| 1. Complexity of Program: | 15% |
| 2. Technical Value to Conservation Engineer’s Profession: | 15% |
| 3. Originality/Innovation/New Application of Existing Techniques: | 20% |
| 4. Meeting and Exceeding Owner’s Needs: | 25% |
| 5. Natural Resources & Environmental Considerations: | <u>25%</u> |
| Total: | 100% |