

ACE RESOURCES

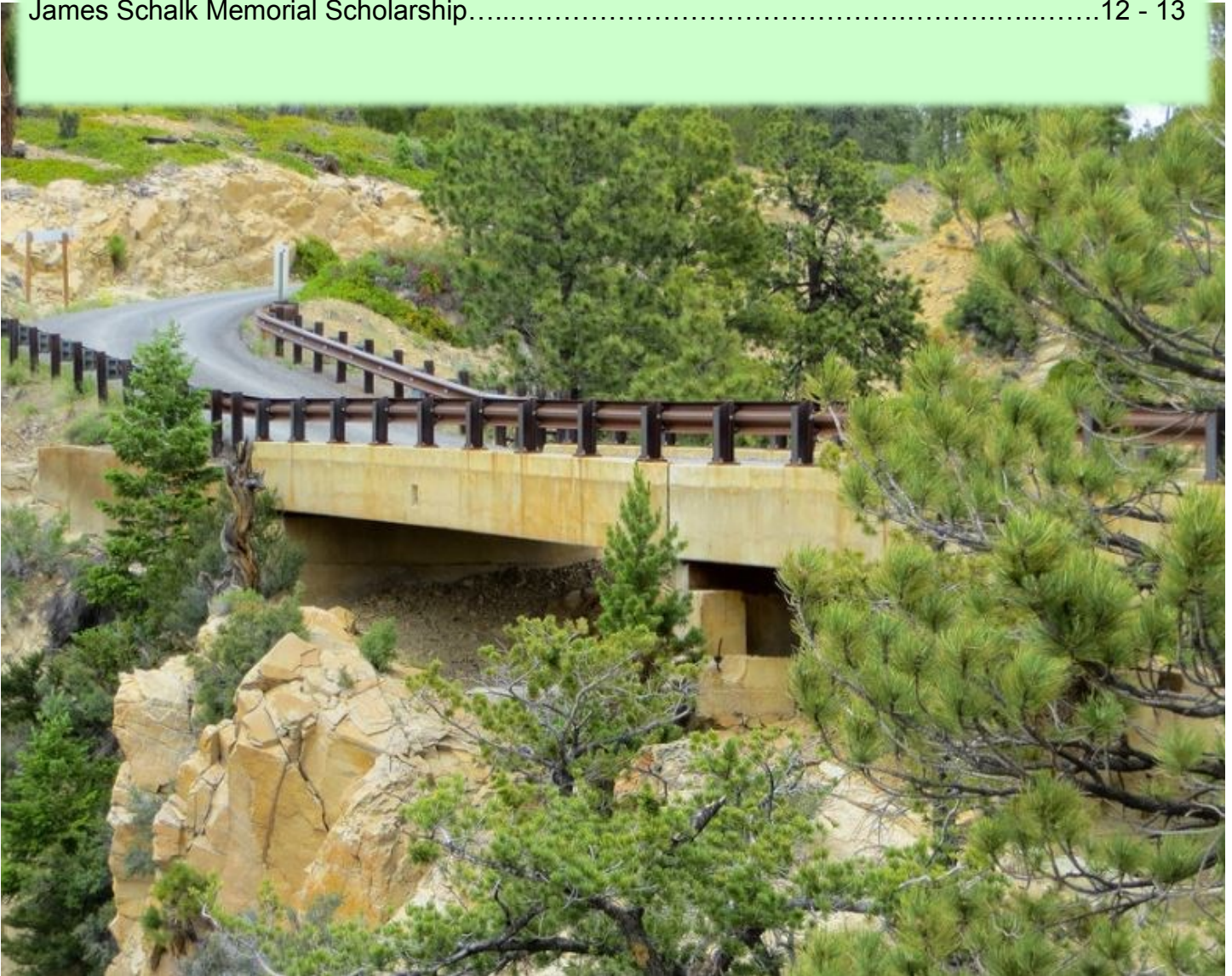
A newsletter for the Association
of Conservation Engineers

JULY 2017

Enhancing our Natural Resources

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2017 President's Update

Hi All,

Here in NW Washington, our long, very wet winter is finally fading away into a beautiful summer. Flowers are blooming and the berries are ripening to be picked. It is a great time to get out and enjoy our natural resources that we, as conservation engineers, are working hard to preserve and protect while providing improvements to provide access and enjoyment to the public.

Along this line, I am happy to announce that registration is now open for our 56th Annual Association of Conservation Engineers Conference. This conference will be held in the historic downtown district of Ogden, Utah, October 15th -19th. We are looking forward to presentations on low volume roads, sustainable operations, shooting range renovations and a variety of topics yet to be announced. In addition, Tuesday's tour takes us to the Ogden River Parkway (river restoration and urban planning project), lunch at the Weber Basin Job Corps, known for their culinary arts program as well as other job training, and the Snowbasin Ski Area including the Gondola Garage, ending the day with a dinner at Earls Lodge at the base of the mountain. Thursday's optional tour includes the Utah State Capitol and downtown Park City; home of the Olympic museum and other facilities from the 2002 Winter Olympics.

All this and more await you at the upcoming conference. A link to registration is included with the conference information later in the newsletter. We are hoping to expand our community to include more folks so please feel free to share and encourage others to network with those of us in the conservation field.

But wait, there's more! If you keep reading we have included even more information in this newsletter at no extra charge. You can learn more about how to renew your membership on-line, find the information on applying for the Carl Anderson Awards with new extended deadlines, and see how to encourage a college student into the field of conservation by sharing the information on our James Schalk Memorial scholarship.

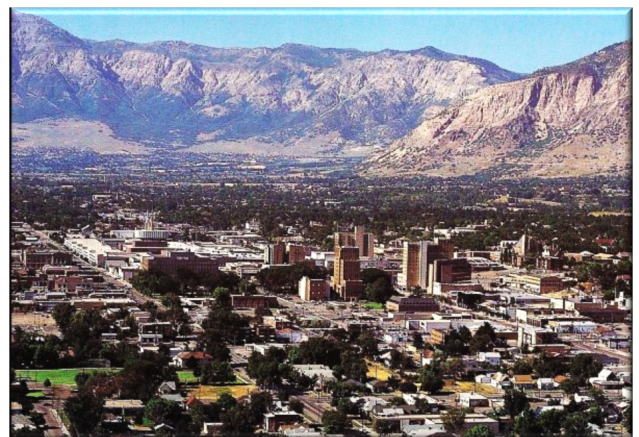
I hope you enjoy all the information in this newsletter and I look forward to seeing you at the 56th Conference in Ogden, Utah.

Happy Trails!

Holly Bentz, PE

ACE President

ACE
ASSOCIATION OF
CONSERVATION
ENGINEERS



Ogden, Utah

ACE 56th Annual Conference

Ogden Utah



**Online Registration
Is Open!**

Registration for the October, 2017 ACE Conference in Ogden, Utah is currently open on the [ACE Website](http://aceconferenceregistration.org/) (<http://aceconferenceregistration.org/>).

Individuals interested in attending can also use the website for viewing lodging, transportation, the preliminary conference agenda, fees and other details.

Attendees are encouraged to register early to receive the discounted price!

Spread the word!

The ACE Annual Conference is a great time to network with people from the Forest Service, National Park Service, State Departments of Natural Resources, other departments, private contractors, students and vendors.

Member Conference Registration Rates:

Conference Duration	Registration Price	Discounted Price (Sept 15th)
Full Conference	\$490	\$440
Two Days	\$440	\$360
One Day	\$220	\$180

Student Conference Registration Rates:

Conference Duration	Registration Price	Discounted Price (Sept 15th)
Full Conference	\$270	\$220
Two Days	\$240	\$200
One Day	\$120	\$100

Other Conference Registration Rates:

Guest Full Conference	\$220
Guest One Day	\$40 — \$100
Exhibitor	\$500

Early Registration Ends: Friday September 15th, 2017

ACE 56th Annual Conference

2017 Conference Agenda

Sunday, October 15th

- ⇒ Executive Committee Meeting
- ⇒ Conference Registration & Reception

Monday, October 16th

- ⇒ 2017 Conference Welcome
- ⇒ Conference Presentations
- ⇒ Lunch (*provided by Marriott Hotel*)
- ⇒ Exhibitor Presentations

Tuesday, October 17th

- ⇒ Ogden River Parkway
- ⇒ Weber Basin Job Corps Center
(*Presentation & Lunch*)
- ⇒ Weber Basin Water Conservancy District
- ⇒ Snowbasin Resort (*includes dinner*)



Wednesday, October 18th

- ⇒ Conference Presentations
- ⇒ Lunch (*provided by Marriott Hotel*)
- ⇒ Semi-Formal Banquet & Dinner (*provided by Marriott Hotel*)

Thursday, October 19th

- ⇒ Utah State Capitol
- ⇒ Downtown Park City (*includes lunch*)
- ⇒ Utah Olympic Park



**For a more detailed agenda with time information visit the 2017 conference registration page:
<http://aceconferenceregistration.org>**

Online Membership Applications & Renewals Now Available

Been awhile since you've been to a conference? Need to renew your membership? To make sure you continue to receive our newsletter? Never joined but want to become an ACE member? Or perhaps you have recently moved or changed your email address and need to update your membership info?

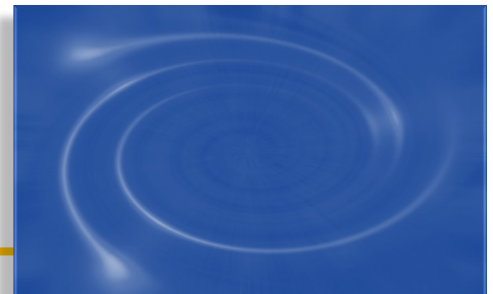
All of these options are now available on-line!

Through an agreement with Meetings Northwest, ACE is now offering membership application, renewals and updates to membership information through the internet.

Simply visit our webpage at [conservationengineers.org](http://www.conservationengineers.org) or follow the link here: <http://www.cvent.com/events/ace-membership/event-summary-726c20371522424cbe3387456330b264.aspx> and complete your application, renewal or update.

Please contact admin@meetingsnorthwest.com if you have questions or if you have trouble registering.

We look forward to hearing from you.





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; re-search in natural resources; hazardous waste studies; resource recovery; environmental impact studies; soils and other subsurface geotechnical investigation and evaluation; damage correction; computer services; technical pa-pers. 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, En-ergy generation, transmission, distribution, conversion, conservation and storage-mitigation, Drainage systems, Incineration, Mine Reclamation, Resource recovery, Waste treatment facilities, Water resources and supply, Wet-lands treatment.

Project Category C - SPECIAL PROJECTS

Any project that does not fit into other categories including, but not limited to: Erosion protection and control Rec-reational 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, wild-life preservation, tourism and/or conservation of the natural environment that is a member of or has made ap-plication 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 submis-sion.
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: Send your **Declaration of Intent** to submit by fax, email or mail postmarked no later than Friday, **August 18, 2017**.

SECOND: Prepare your **Entry packet**. Entries must be postmarked no later than Midnight Eastern, Thursday, **August 31, 2017**.

The entry Packet shall include the following:

1. A copy of the ACE Declaration of Intent form as previously submitted.
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 Project Panel to bring for display and presentation at the ACE 56th Annual Conference in Ogden, Utah, October 15-19, 2017.

Winner Project Panel

To be completed before the 2017 Conference

A project panel 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. The project panels are on display during the Conference for viewing by all in attendance. Project panels are returned to their owner at the end of the conference.

Submit to:

ACE Committee Chairman—Breagan Eicher
Civil Engineer, Lawson-Fisher Associates
525 West Washington Avenue
South Bend, IN 46601
PH# (574) 234-3167
Fax# (874) 236-1330
beicher@lawson-fisher.com

Note: The entry fee for the 2017 awards competition has been waived. No entry fee will be required.

Project panels are restricted to one 30" x 40" heavy weight crescent or mat board, or two 20" x 30" boards hinged and capable of standing on an easel. Material displayed shall be B/W or colored photos, printed texts and/or drawings which best describe the features of the entry. Project panels shall be identified with the name of the submitting department or agency, the name of the project and its location.



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.

None of the judges may submit entries nor be identified with any submitted entry.

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?

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.

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

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 presented during the Awards Banquet at the ACE 56th Annual Conference in Ogden, Utah, October 15-19, 2017.



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 fax email or postmarked on or before Friday, August 18, 2017)

Date submitted: _____

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 _____

Budget Cost of Project: _____ Scheduled Completion: _____

Actual Cost of Project: _____ Actual Completion: _____

Name of Submitting Entity: _____

Address: _____

Contact Name: _____ Phone No: (_____) _____

E-mail: _____ Fax No: (_____) _____

Name of Project: _____

Location: _____

Owner's Name: _____

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

Name of Consultant(s): _____

(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 made application for membership at the time the Declaration of Intent is filed..



For use of award chairperson only

PROJECT REG. NO. _____

Received _____



ACE 2017 DESIGN AWARDS DATA SHEET #1

(This page is due by fax, email or postmarked on or before Thursday, August 31, 2017)

PROJECT NAME: _____

1. Agency / Firm Making Submittal: _____

2. Address: _____

3. Contact Name: _____ Contact Phone No: _____

E-mail: _____ Fax No: _____

4. Project Location: _____

5. Project Category: _____

6. Outside Consultant(s): _____

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

Name of Project: _____

Project Owner &/or

Consultants: _____

Project Location: _____



For use of award chairperson only



PROJECT REG. NO. _____

Received _____

ACE 2017 DESIGN AWARDS DATA SHEET #2

(This page is due by fax, email or postmarked on or before Thursday, August 31, 2017)

PROJECT NAME: _____

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% |

James (Jim) Schalk Memorial Association of Conservation Engineers Scholarship

Application Requirements

1. The purpose of this program is to promote the Association of Conservation Engineers (ACE) and the continued study and learning required for the conservation of our natural and renewable resources in the areas of preservation and recreation. The Association of Conservation Engineers (ACE) is an international organization of engineers and allied personnel employed by conservation and natural resource agencies and consultants with specialized interests in the area of fish, wildlife, parks, forests and related conservation/recreation fields. Additional information about ACE can be found on our website a www.conservationengineers.org.

2. The selection of scholarship nominees shall be according to the following eligibility guidelines:
 - a. The selection shall be restricted to junior and senior students of the undergraduate study program and students of the graduate study program, enrolled in an accredited course of college, directed toward a BS or MS degree in engineering, any of the natural sciences, ecology, or agriculture.

 - b. Students shall carry a full program and be enrolled as a full time student.

 - c. The student shall submit a technical paper of 1250 words maximum but not less than 750 words written in essay form. The paper's topic shall relate to the conservation and/or preservation of natural, cultural or renewable resources.

 - d. A recommendation letter, on university letterhead, from one of the student's instructors shall accompany the submitted technical paper stating the student's qualifications for this scholarship.

3. The monetary value of this scholarship shall be \$1,500.00 (one thousand five hundred dollars) paid directly to the recipient. Presentation of the award shall be mailed to the recipient after the ACE annual conference. It is the discretion of the recipient on how the award shall be used.

James (Jim) Schalk Memorial Association of Conservation Engineers Scholarship

2017 Application Form

Name: _____ Date: _____

Address: _____

Phone Number: _____

E-mail Address: _____

Major: _____

Class (circle one): Junior / Senior of undergraduate study and graduate study

Anticipated Graduation Date: _____

Name of School: _____

Address of School: _____

Send completed Application Form, instructor's letter of recommendation, and written essay to:

Champak N Patel, P.E.

Civil Engineer

3938 S Emerson Ave.

Indianapolis, IN 46203

Or email to: cpatelbg@yahoo.com

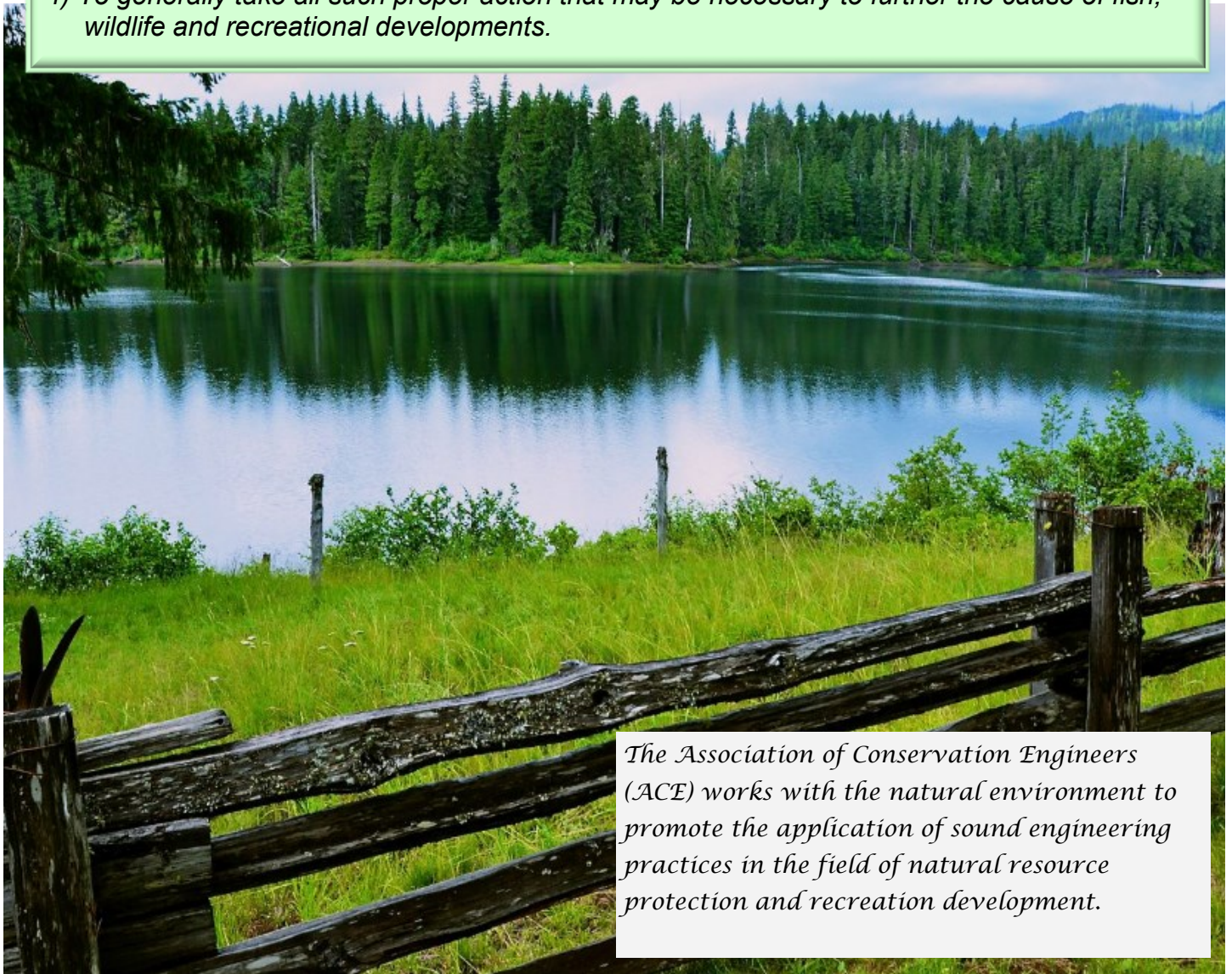
Applications must be received no later than August 30, 2017

Winner will be notified by September 28, 2017.

Association of Conservation Engineers

ACE Objectives

- 1) *To encourage and broaden the educational, social and economic interests of engineering practices.*
- 2) *To promote the recognition of the importance of sound engineering practices in fish, wildlife and recreation development.*
- 3) *To enable each member to utilize the experiences of other members.*
- 4) *To generally take all such proper action that may be necessary to further the cause of fish, wildlife and recreational developments.*



The Association of Conservation Engineers (ACE) works with the natural environment to promote the application of sound engineering practices in the field of natural resource protection and recreation development.