



2019 ASCE Rocky Mountain Student Conference

University of Colorado at Boulder

October 15, 2018

Dear Rocky Mountain Regional Student Chapter:

This is your 2019 Rocky Mountain Regional Student Conference Mailer I, the first of three packets to be sent to each of the participating schools. Please read carefully through this packet and distribute copies to the appropriate chairpersons in your Chapter. Do not throw away this mailer! The information that is given here may not be repeated in subsequent mailers. Enclosed you will find the following information:

- ◆ Receipt confirmation
- ◆ Deadlines summary
- ◆ Registration forms
- ◆ Tentative conference schedule
- ◆ Hotel accommodations
- ◆ Competition rules & contacts
- ◆ Eligibility requirements for advancement to national competitions

Receipt of this mailer should be confirmed by mailing or faxing the enclosed form by October 31, 2018. Please note the school registration deadline is November 30, 2018

If you have any questions, feel free to contact us at the e-mail address: ceaeconference2019@gmail.com. All questions and answers concerning the events, rules, etc. will be posted on our web site: <https://rmrc2019website.wixsite.com/cuboulder>. We will do everything possible to answer your questions in a timely manner, but please be patient – we are learning as we go.

We look forward to seeing you in the spring.

Sincerely,

Anika Pietenpol
University of Colorado, Boulder
CEAE Conferences Chair



2019 ASCE Rocky Mountain Student Conference

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Receipt Confirmation

Send to: ceaeconference2019@gmail.com **before October 31, 2018**

Please print or type!

School Name: _____

Faculty Advisor: _____

FA's Phone Number & E-mail: _____

Student Conference Contact (i.e. Chapter President or Conference Chair) – name,
phone number & e-mail:

This confirms that we have received Mailer I regarding the 2019 Student Conference.



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Deadlines Summary

Participants:

October 31	Mailer Receipt Confirmation Postmarked
November 30	School Registration Postmarked
February 1	Attendee Pre-registration Postmarked
February 20	Hotel Reservations Cut-off
April 4th – 6th	Conference!

Host:

October 15	Mailer I
January 15	Mailer II (maps, updates)
March 1	Mailer III (final schedule, parking passes, updates)



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School Registration Form

Send to: *Civil Engineering RMRS Conferences* before **November 30, 2018**
428 UCB
1111 Engineering Drive
Boulder, CO 80310

Registration is \$150 per school and \$75 per students to attend both conferences that weekend. School registration is due now. Individual attendee registration fees are due February 1, 2019.

Make checks payable to: *Civil Engineering RMRS Conferences*

School Name: _____

- ☐ We are attending the conference and will send approximately ____ students and faculty. (Your school will not be held to these numbers, but this will greatly assist in planning food events.) Enclosed please find our \$150 school registration fee.
- ☐ We are not attending the conference
-

Which events does your Chapter plan on competing in?

- ☐ concrete canoe
- ☐ Blue Sky competition
- ☐ technical paper/presentation
- ☐ surveying
- ☐ mystery design
- ☐ blanket fort service project
- ☐ pre-design competition



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Conference Attendee Pre-registration

Send before February 1, 2019

Each conference attendee (student, faculty, or friends) must pre-register for the event. Please fill out the following page and send with \$75.00 per person to:

*Civil Engineering RMRS Conferences
428 UCB
1111 Engineering Drive
Boulder, CO 80310*

The \$75.00 registration fee covers the following:

- ◆ conference banquets
- ◆ conference program & badge
- ◆ lunch on Friday & Saturday
- ◆ conference t-shirt
- ◆ parking fees
- ◆ event fees

Late Registration

Any registrations postmarked after February 1, 2019 must pay a late registration fee of \$100.00. Any students, faculty, or friends that arrive at the conference without pre-registering must pay the late registration fee at check-in.



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Conference Attendee Pre-registration

Send to: *Civil Engineering RMRS Conferences* with \$75.00 fee per person
428 UCB
1111 Engineering Drive
Boulder, CO 80310

before February 1, 2019

Print or type the full name of each attending student.

Name	Student, Faculty, or Friend

Student Participation Fee: \$75.00x _____ attendees = \$_____
Make checks payable to: *Civil Engineering RMRS Conferences*



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Tentative Conference Schedule

Thursday April 4, 2019		
5:00-6:00 pm	ASCE Conference Registration	Omni-Interlocken- Interlocken Ballroom
6:00-7:30 pm	ASCE Welcome Banquet	Omni-Interlocken- Interlocken Ballroom
7:30-9:00pm	Mystery Design Competition	Omni-Interlocken- Interlocken Ballroom
Friday April 5, 2019		
8:00- 9:00 am	Canoe display set up	University of Colorado Recreation Center
9:00-11:00 am	Canoe Aesthetics judging	University of Colorado Recreation Center
9:00am- 4:30pm	Blue Sky Competition	University of Colorado Recreation Center
11:00am- 2:00pm	Canoe Presentations	University of Colorado Recreation Center
11:00am- 2:00pm	Technical Paper Presentation	University of Colorado Recreation Center
11:00am- 2:00pm	Non-technical Paper Presentation	University of Colorado Recreation Center
12:00-2:00pm	Lunch	University of Colorado Recreation Center
1:00- 3:00pm	Blanket fort competition	University of Colorado Recreation Center
2:30-3:00pm	Canoe Captains Meeting	University of Colorado Recreation Center
5:30-6:30pm	ASCE Business Meeting	CU Engineering Center
*****	Pre Design competition	
Saturday April 6, 2019		
7:00am	Canoe Drop off	Boulder Reservoir
8:00-9:00am	Swamp testing	Boulder Reservoir
9:00am - 3:00pm	Canoe Races	Boulder Reservoir
10:00am- 1:00pm	Surveying Competition	Boulder Reservoir
12:00-1:00pm	Lunch	Boulder Reservoir
6:00-9:00pm	Awards Banquet	Double Tree Thornton



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Hotel Accommodations

There is currently one hotel that is available to book with discounted group rates. We are currently in contact with other hotels in the Boulder area to try and arrange closer accommodations. Updates will be posted to the website. When booking your hotel please mention that you are with the "Civil Engineering RMRSC" in order to get the discounted room rate.

Conference: April 4-6th

Omni-Interlocken Hotel Rate: \$109/night

Location: 500 Interlocken Boulevard in Broomfield, CO 80021

Distance to CU Boulder: 12 minute drive

The cutoff date for this particular hotel is **February 20th, 2019**. If we add more hotel options to the list we will also provide their cutoff dates on our website.

Conference Contacts

Student Chapter: asce@colorado.edu

Conference Email: ceaeconference2019@gmail.com

Conference Chair: Anika Pietenpol, anika.pietenpol@colorado.edu

Chapter President: Tom DaCosta, thomas.dacosta@colorado.edu

Chapter Vice President: Shannon Kerr, shannon.c.kerr@colorado.edu

Faculty Advisor: Dr. Keith Porter, keith.porter@colorado.edu

Faculty Advisor: Dr. Brad Wham, brad.wham@colorado.edu

Practitioner Advisor: J Coleman, j@foothillsbridge.com

If you have any questions, please contact the people listed above and they will help you as soon as they can. Thanks!



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Competition Rules

Concrete Canoe Competition:

We will be following the 2019 ASCE Concrete Canoe rules, posted here:

<https://www.asce.org/rules-and-regulations/>

Note: Concrete Canoe papers must be submitted by March 1, 2019, to ceaeconference2019@gmail.com with hardcopies sent to: 428 UCB, 1111 Engineering Drive, Boulder, CO 80310

Additionally, please note that you will have to submit this to the National website as outlined in the rules.

Technical Paper/Presentation:

The topic of this year's technical paper will be left to each individual school. However, the paper should focus on a technical issue that has relevance to the Civil Engineering field of study. For example, students may write about research that their school is currently conducting or will be conducting in the future. The rubric used for this paper and presentation is on the last page.

Non-Technical Paper/Presentation:

We will be following the Daniel W. Mead paper topic and rules, posted here:

<https://www.asce.org/mead-student/>

Papers will be presented by each school that is participating in this optional event. The rubric used for this paper and presentation is on the next page.

Note: papers must be submitted by March 1, 2019, to asce@mines.sdsmt.edu

Note: to be eligible for the national Daniel W. Mead prize, students must submit their papers separately to ASCE Nationals.

Blue Sky Competition:

We will be following rules and formatting provided by ASCE, posted here:

https://www.asce.org/uploadedFiles/Membership_and_Communities/Student_Chapters/Content_Pieces/2019-blue-sky-competition-rules.pdf

Mystery Design Competition:

This portion of the conference will exercise the ability of the engineering students to think on their feet, work under pressure, and produce a useable product in a short period of time. The actual competition will be revealed to participants at the conference just prior to the event beginning.

Pre-Design Competition:

Want to earn more points for your team, meet students from other schools, and solve a real world design problem? Sign up 2 people from your school to compete in the Pre-Design hosted by Kiewit. You will work in teams with other schools to propose a solution to a real world engineering design challenge. Judges, rules and prizes will be provided by Kiewit. Schools who participate will receive points awarded to their final score.

Surveying Competition:

This competition has yet to be finalized. The competition rules for this competition will be updated in subsequent mailers.



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Eligibility requirements for advancement to national competitions

The following qualifications are required of all ASCE Student Organizations in order to participate in an ASCE-sponsored National Competition.

1. Be in good standing with ASCE:
 - a. Have paid their Annual Dues, as received by ASCE, prior to the start of the Student Conference; and
 - b. Have submitted their student chapter full Annual Report in time to be graded (reports submitted on or before February 1, 2019 meet this qualification), and have received a minimum score of 40 points out of a possible 100. **Student Chapters that submit an EZ annual reporting form do not qualify;** and
 - c. Act appropriately. As representatives of ASCE and the civil engineering profession, all competition and conference participants are expected to and must act professionally and courteously. The use of alcohol, marijuana, or other controlled substance is strictly prohibited.

Note: Invitations to Conference and National Competitions are a privilege, not a right. Failure to act appropriately can result in letters of reprimand, mandatory behavior management plans, and loss of invitations to further competition for individual institutions and/or entire conferences.

2. Attend and participate in their assigned Student Conference as shown through their school's:
 - a. Good faith participation in the Student Conference Business Meeting (at least one (1) student representative present at the **start** of the Business Meeting);
 - b. Good faith participation in the Student Conference Paper Competition, including submission and presentation by at least one (1) member of the ASCE Student Chapter, not necessarily a member of the concrete canoe team; and
 - c. Meeting any additional requirements of Student Conference participation set by the Student Conference at the previous year's business meeting or in their written and approved by-laws, standing rules, or constitution.



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Paper Presentation Competition SCORING SUMMARY SHEET

Author's Name: _____ Date: _____

ASCE Student Organization Represented: _____

Paper Scoring Criteria	Score
1. Adherence to topic (10 pts)	/ 10
2. Presence of original ideas and research involved (10 pts)	/ 10
3. Command of subject matter (10 pts)	/ 10
4. Spelling and grammar / length (2000 word maximum) (5 pts)	/ 5
5. Overall clarity, organization, quality of paper and references (15 pts)	/ 15
Paper Sub-Total	/ 50

Presentation Scoring Criteria	Score
1. Degree to which presentation addressed and supported key concepts of written paper and theme of contest	/ 10
2. Ability to communicate key concepts from written paper and to convince audience of their importance	/ 25
3. Personal bearing (i.e. appearance, poise, eye contact)	/ 5
4. Delivery style (i.e. reading, memorized, conversational) / pronunciation and proper use of technical language and grammar / enthusiasm and voice projection	/ 5
5. Time (5 minutes +/- 5 seconds) (Beyond 5-second allowance: 0.05 point penalty per second difference from required 5 minutes, i.e. 5:20 or 4:40 = 1 point penalty)	/ 5
6. Errors in logic or facts (up to 10 points penalty)	() penalty
Presentation Sub-Total	/ 50
Paper Sub-Total	/ 50
Overall Score	/ 100