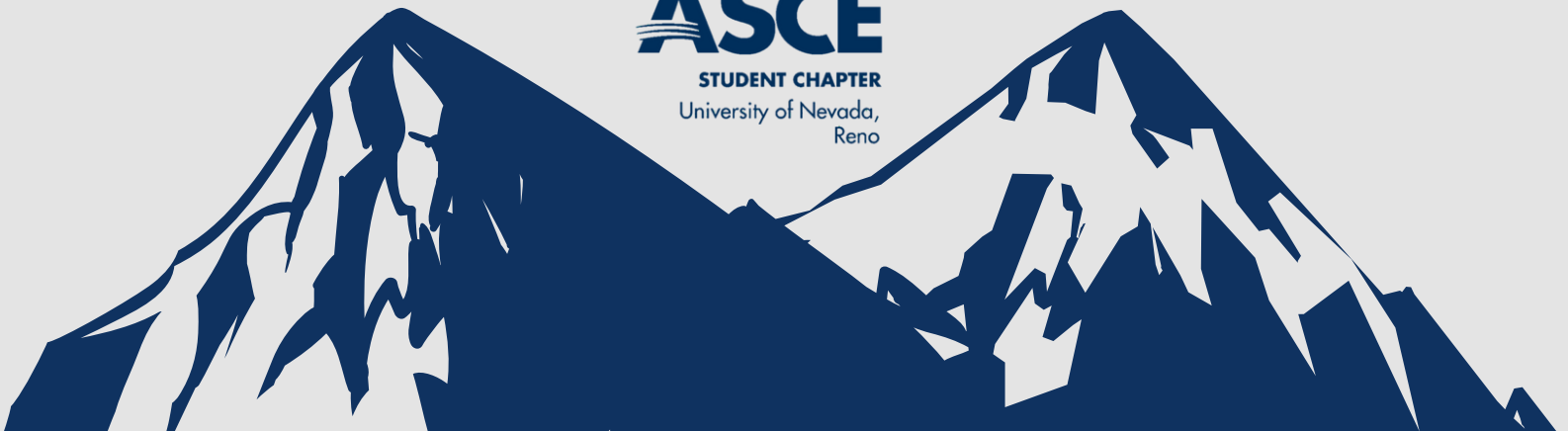




Student Symposium Paper Presentation

ISWS 2023 Technical Events

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Objective

The ASCE Student Symposium Technical Paper Competition emphasizes the importance of being able to write and present a paper as essential communication skills for all engineers and often necessary for advancement in your career.

Participant Rules

- Each university must submit one pdf submission and must give an oral presentation.
- The participant must be a registered participant of ISWS 2023 and undergraduate student.
- Each university must participate in this event; failure in doing so will result in the disqualification to advance to Nationals for events such as: Concrete Canoe, Surveying, Sustainable Solutions and other National competition that is applicable.

2023 Topic

Per ASCE's Code of Ethics, engineers govern their professional careers on fundamental principles that, above all else, protect and advance the health, safety, and welfare of the public through the practice of Civil Engineering.

Most engineering designs rely on regulations that trickle down from federal, state, and county levels. In some situations, regulations and the ethical considerations of engineers may not always align due to regulations requiring updates to incorporate new standards of practice or as a result of outside influences.

How does an engineer balance regulations and ethics?

Report Information

Submit an electronic version of your report (in PDF Format) via email to isws.unr.2023@gmail.com with the subject line “Technical Report – [YOUR SCHOOL NAME]” by April 1st, 2023.

A hard copy submission is not required.

Formatting

A complete report submission will consist of a single .pdf file containing:

Report Cover Page: with competition name “2023 ASCE ISWS Paper Presentation Competition,” the name of the participant and school name.

Requirements:

- The report must not exceed 2,000 words in length
- 12-point font, single spaced and 1-inch margin on all sides
- The text shall have normal width character spacing. A high legibility standard Serif, Sans Serif or Times New Roman font should be used.
- The report shall be presented on 8 1/2" × 11" pages with portrait orientation.
- In-text citations should be used throughout the entire body of work as needed.

Presentation Information

- The presentation must be 5 minutes in length with a ± 10 second allowance
 - Every 10 seconds that are outside of this time parameter will result in a 1 point penalty
 - The presentation will be cut off at a max of 6 minutes
- A computer, projector and microphone will be provided in the room
- Visual aids (i.e poster and PowerPoints) are allowed but are not required for the presentation.
 - PowerPoint option: a final copy must be emailed to isws.unr.2023@gmail.com with the subject line “Technical Presentation – [YOUR SCHOOL NAME]” by no later than 11:59 PM on April 3rd, 2023.
 - Poster option: Either a poster board and or an electronic poster are allowed (no handouts)
 - The electronic poster must be submitted to isws.unr.2023@gmail.com with the subject line “Technical Poster – [YOUR SCHOOL NAME]” by no later than 11:59 PM on April 3rd, 2023.
 - The poster board must be well put together, engaging and thought out
- After the presentation Judges will have 3 – 5 minutes to ask questions.

Scoring Summary Table

Category	Sub-Category	Maximum Points
Written Paper	Adherence to the given topic	/15
	Originality and support of key ideas	/10
	Spelling, grammar, length and formatting	/5
	Overall quality, clarity, and origination of the paper	/20
	Subtotal	/50
Presentation	Ability to present key ideas and convince the audience of their importance	/30
	Delivery style (i.e. memorized, reading, ect), pronunciation, use of technical language and grammar, and voice tone/projection	/10
	Personal presence (i.e. professional appearance, eye contact, ect.)	/5
	Time (5 minutes +/- 10 seconds) (1 point penalty for 10 seconds outside of this window)	/5
	Errors in facts or logic (10 point max penalty)	-
	Subtotal	/50
	Total	/200

*** Note:** The Technical Report topic for ISWS 2023 will be using the Daniel Mead Paper Competition topic. This means that any submission to ASCE Nationals for the Daniel Mead Competition does not automatically transfer over to this competition and vice versa. Although the participant can write one paper for both competitions, they are responsible to submit in the two different locations and on their designated due dates.

More information on the Daniel Mead Competition can be found on the following link:

[Daniel W. Mead Prize for Students | ASCE . *](#)