



Ready to compete?

ASCE SUSTAINABLE SOLUTIONS COMPETITION

National – Teams may be eligible to advance to Society-wide national competition for this competition.

Overview

The ASCE Sustainable Solutions Competition challenges students to develop a stronger understanding of sustainability and learn to incorporate sustainable solutions into everyday problems that engineers may encounter. Students are encouraged to be creative in their solutions and use all resources available.

Objective

2024 Topic: The fictional City of ASCE is well known for its early 20th Century waterfront and manufacturing hub on the Big Brown River to support the budding industrial economy at the time. However, a decline and abandonment of the riverfront has since occurred. The City is seeking proposals to revitalize and redevelop three blocks of the waterfront area using the

Institute for Sustainable Infrastructure's Envision framework to meet the City sustainability goals.

Eligibility

Please review the national rules for the Sustainable Solutions Competition specifications and requirements. Please review the national rules for the Sustainable Solutions Competition specifications on team size and competition requirements. Deliverables should conform to the national rules. <https://www.asce.org/communities/student-members/conferences/rules>

[CLICK HERE FOR LINK](#)

Competition Components

The competition is divided into four competition components, as outlined in Section 8 of the national rules:

- Technical Design Proposal



- Sustainability – ENVISION Scoring and Justifications
- Poster
- Interview

Judging

Judges will score competition teams according to the scoring rubric in the national rules.

Important Dates

- Release of Student Symposium Competition Rules and Regulations on September 5, 2023.
- Letter of Intent and Eligibility Acknowledgement Form Due by 5:00 PM EST on November 3, 2023.
- Per Section 10 of the national rules, a webinar will be hosted in November 2023 by ASCE to provide an overview of the ENVISION v3 Checklist and ENVISION Guidance Manual.
- Competition Submissions Due by 11:59 PM EST February 16, 2024 through ASCE's Cerberus ftp server.
- 2024 Southeast Student Symposium Regional Competition March 21-23, 2024 in Orlando, FL.

- Competition time and location will be released closer to event.
- Each team will deliver their Public Outreach Poster to the designated competition room by 8:00 AM on March 22, 2024 to be displayed outside the presentation room. Teams are required to provide an easel to display their poster. The "Fan Favorite" voting will be available until 1:00 PM. One (1) submission per participating team will be accepted. Voters may not vote for their own student chapter's team.

Questions

Per the national rules, Requests for information (RFI) must be sent to student@asce.org with the subject line "2024 SSC RFI". Please review the national rules on how to submit and review RFIs.