

Information about entering the 2020 ASCE Regional Student Innovation Contest

The ASCE Regional Student Innovation Contest is in its 2nd year. Please make sure that you download and read all instructions and resource documents. Our contest has changed since last year and you want to make sure that you are following the current instructions and connecting your submission to the correct student regional conference.

About entering the 2020 ASCE Student Innovation Contest

The contest is open to teams competing in one of the ASCE Regions hosting the ASCE Regional Student Innovation Contest. If your team wins either first or second place at the Regional level and if your team's student chapter is eligible to compete in ASCE National Competitions, your team will be invited to the ASCE National Student Innovation Competition, Oct. 30 and 31, which takes place during the 2020 ASCE Annual Convention in Anaheim, Ca. Please review the qualifications required to compete at the national competition at

https://www.asce.org/eligibility_for_national_competitions/

All teams will use the official contest submission site to enter the contest. The site requires each team to have an account – Task 1. Each team will go through the process of completing several tasks designed to help lead the team's submission through a submission building process which includes gathering feedback from the contest coach prior to moving onto the next task and then the next – Tasks 2,3,4 and 5. Teams are not required to take advantage of the coaching opportunities; however, all teams must submit their final entries – Tasks 6 and 7, no later than the final judging session scheduled before the regional conference or the team forfeits receiving 40% of their final contest score. Teams can take advantage of up to four coaching reviews of the contest entry. Teams are not required to use the coaching and can submit their entry without coaching up until the last submission deadline for their region. This new format of incrementally building the submission over several months and the benefit of an experienced coach is the result of feedback received from the 2019 student innovation contest participants.

Roger London is the Contest Director and Student Coach of the 2020 ASCE Innovation Contest. Mr. London has worked with startups and F500 companies as a principal, investor or strategic/business planning advisor in almost one billion dollars of transactions and awards. He has over 30 years of experience as a successful entrepreneur, corporate venture capitalist, angel investor, merchant banker, security incubator manager, defense and intelligence community technology scout, and entrepreneur mentor.

For a complete list of topics, information about previous winners, and to learn about the opportunities connected to participating in the ASCE Regional Student Innovation Contest, please visit the [Regional Student Innovation Contest page](#)

Or start a contest account at: [The Regional Student Innovation Contest portal](#)

The process of completing a submission

Finalizing a submission includes a series of tasks that will be reviewed and commented on by the judges before you move onto the next task.

Task 1: Student Team's list of innovation Authors Each team needs to set up an account in the contest system. The team lead or the team member who will be responsible for making sure all tasks and requirements are completed will start this task.

Task 2: Problem/Solution Statements, and market information (1½ pages max plus cover page) Coaching Opportunity 1

Task 3: Task 2 plus Before and after, and Competition (1½ pages for max total of 3 pages plus cover page) Coaching Opportunity 2

Task 4: Task 3 plus Feasibility and Go to Market Strategy (1½ pages for max total of 4½ pages plus cover page) Coaching Opportunity 3

Task 5: Task 4 plus Capitalization (½ page for max total of 5 pages plus cover page) Coaching Opportunity 4

Task 6 and 7 make up your final entry.

These tasks must be completed before the Pre-Conference judging session.

The scoring criteria and their respective weighting will be the same for each round of judging.

- **Scoring Criteria 1 - Innovation and Creativity (40% weighting)**

How innovative is the innovation? Is there any novel approach to the subject or problem that inspired this innovation? Is the work independent and original? Is there evidence of creativity in both form and function? Does the innovation leverage other capabilities, technologies or processes?

- **Scoring Criteria 2 - Value Proposition and Relevance (30% weighting)**

How important is it to society and/or the customer? Does the innovation address a real and specific need? Does the innovation address a specific challenge or serve a wide base of end-users? What impact will the innovation have (social, environmental, economic, etc.)? Does the innovation provide a distinct advantage over existing products, methods or solutions?

- **Scoring Criteria 3 - Efficiency and Feasibility (30% weighting)**

We want to showcase, promote and reward not just for an innovative solution but also for having at least thought through the technical feasibility of their innovation. Please provide information including test result summaries proving the veracity of the solution. Low scoring is on an innovation that does not appear to have realistic technical success. Higher scoring is for innovations that demonstrate the success of the technological solution.

The above scoring criteria will be applied for each of the three rounds of judging in the spring. The rounds of judging will be weighted towards the final score as follows:

- **40%—Final Preconference Submission-** Applicants can receive up to four coaching feedback sessions as the preconference submission is built over the winter. for more information go to [Application Process](#) on our website
- **40%—Shark Tank-** similar to the popular television show, Applicants will prepare a poster and present their innovation to a panel of sharks (judges). For more information go to [Judging Process](#) on the website.
- **20%—Investor Due Diligence-** judges will have been “pitched” twice and now have an investor-type follow up due diligence discussion session. For more information go to [Judging Process](#) on the website.

The first and second place winning teams at each Regional Student Innovation Conference will be invited to present at the ASCE Annual Convention held in Anaheim California in the Fall of 2020 (October 29-31, 2020).