The Geo-Institute

of the American Society of Civil Engineers

Presents

the Rules for the National <u>GeoPoster Competition</u>

IFCEE 2021

Rules published ………………………..................	October 16, 2020
Abstracts and electronic posters due ………………..	January 18, 2021 (by 12 pm EST)
Finalists notified and invited …………………….....	March 19, 2021
Final versions of electronic posters due …………….	March 26, 2021
Poster presentations for the public (all invited posters)	May 11, 2021, tentative / virtual
Final competition: Poster presentations and interviews of top six finalists only	May 11, 2021 or before, Time TBD

IFCEE 2021
https://www.ifceexpo.com/

GeoChallenge Official
Information Website: http://www.mygeoworld.info/groups/profile/61033/geochallenge

TOPICS AND CONTENT – For the 2021 competition, the subject of the posters should be within geotechnical or geoenvironmental engineering. Some examples of acceptable poster topics include senior design projects, design class projects, or student research experiences. Posters should present original work by the student(s) but may contain content based upon work conducted under the direction of a professor.

AUTHORSHIP – It is understood that the project or research is completed under the direction of faculty. Please include your faculty directors/mentors as co-authors on the poster. Independent of how many authors there are (see Teams below), the faculty member(s) should be the last author(s).

TEAMS – Students may participate individually or as a team consisting of two students.

ELIGIBILITY – To be eligible, the student(s) must be enrolled in an undergraduate or graduate program for the Spring 2021 term. Multiple teams or individuals may apply from each school; however, students may not participate on multiple GeoPoster teams. Each student may submit only one abstract/poster.

SUBMITTAL – All submissions will be made using an electronic form at the provided URL: https://forms.gle/VSFtJy2h77f1K7Hj8. The following will be collected electronically:

1) submission form, including submitter name, university/college, major, faculty advisor(s), expected degree, poster title, career goals, past awards, and coauthors.

2) a copy of the poster in PPT or PDF format (10 MB limit). Note that the upload portion of the form requires the use of a Google account. Students not wishing to use a Google account may submit their files to Dr. VandenBerge via email (dvandenberge@tntech.edu). They still must complete the remainder of the form (Item 1).

3) an audio abstract recorded by the author that is 3 minutes or less in length. The audio abstract should focus on the key points of the poster and serves to introduce the reviewers to the poster content.

Following submission of the form, each submitter must send an email to Dr. VandenBerge (dvandenberge@tntech.edu) using their ".edu" email address. A reply to this email will be issued within 48 hours and will confirm the submission. If you do not receive an acknowledgement, please contact Dr. Daniel VandenBerge right away.

Forms, posters, and audio abstracts submitted by **January 18, 2021 at 12 pm EST** will be considered; late submittals will not be accepted.

SELECTION – Invited posters will be selected from the abstract and electronic poster submittal based on the following criteria: technical content, compliance with rules and regulations, and professionalism (see Abstract/Poster Judging Rubric in Appendix A). The selection will be performed by a panel of geotechnical professionals. Up to 25 submissions may be invited to participate in a virtual Student Poster Session held in conjunction with IFCEE 2021. Selected poster presenters will be notified by March 19, 2021.

PRESENTATION – Each individual or team should be able to clearly present their project/research to interested persons within a few minutes and be able to answer questions about their work. Presenters should dress appropriately for a professional presentation.

JUDGING – The judging will be separated into two parts: **Round 1)** judging of the abstracts and electronic versions of the posters, at which time the invited presenters will be selected and the top six finalists will be announced, and **Round 2)** a final judging based on oral presentations of the top six finalist posters. Judging of the finalists will take place on a virtual platform, such as Zoom, and will be held during or before the conference (late April to early May 2021). The competition aside, the authors whose posters ranked in the top 20-25 from the abstract round will be invited to present virtually at the conference in this student poster session. Only posters that meet the submission guidelines will be considered.

The initial judging will be based on the "2021 GeoPoster Competition: Abstract and Electronic Poster Judging Rubric" (Appendix A). For the top six finalists, the scoring will be zeroed out prior to the final round. On or before May 11th, 2021, the top six finalists will compete through a virtual oral presentation to a group of six or seven judges, based on the "2021 GeoPoster Final Competition Judging Rubric" (Appendix B). In the event of tie scores, the session chair and/or judges' discretion and will determine the rank of the poster. The time and schedule for this phase of the competition will be communicated to the finalists on or before March 19, 2021.

AWARDS – The student author(s) of the top three ranked posters will receive awards commemorating their accomplishment.

APPENDIX A:

GEOPOSTER ABSTRACT JUDGING RUBRIC

2021 GEOPOSTER COMPETITION: ABSTRACT AND ELECTRONIC POSTER JUDGING RUBRIC

An electronic form version of this rubric will be used to judge all posters in Round 1. At least three judges will evaluate each poster.

Judging Criteria	Points Awarded	Points Possible
Title is representative, descriptive, and succinct		5
Need for the study is introduced and conveyed		10
Technical content is complete		10
Graphics support the technical content		10
Results are summarized		10
Quality of writing (Grammar, spelling, units)		10
Logical presentation - ideas flow in logical progression, content is presented clearly and accurately		10
Research approach is sound		10
Research has reached an appropriate time for presentation		10
Audio abstract is clear and complements the poster		10
Aesthetic appeal and professionalism of the poster		5
Total Score:		**100**

APPENDIX B:

GEOPOSTER FINAL COMPETITION JUDGING RUBRIC

(to be conducted virtually)

Rules and Regulations
Student Design and Research Poster Session & Competition
Geo-Congress 2021, Dallas, Texas

Finalists will present their posters in a live virtual format in Round 2. Each finalist will be evaluated using an electronic version of the rubric shown below.

Technical Content	Excellent (5 pts)	Good (4 pts)	Adequate (2-3 pts)	Insufficient (0-1 pt)
Title is descriptive and representative of objectives				
Outline and objectives are well defined with focus narrowed to key points addressed by the research				
Appropriate balance between to motivation, methodology, and results/discussion				
Arguments or ideas flow in a logical progression				
Hypotheses or research questions are identified				
Discussion engages deeper and more complex considerations and broader implications				
References are cited in an appropriate manner				
Subtotal (out of 35):				

Poster Design	Excellent (5 pts)	Good (4 pts)	Adequate (2-3 pts)	Insufficient (0-1 pt)
Graphics support the contents and are referenced				
Figures are concise and clear with succinct captions				
Poster is visually engaging				
Text is clear and effective				
Aesthetic appeal and professionalism of the poster				
Visual tools are used effectively				
Quality of writing (Grammar, spelling, units)				
Subtotal (out of 35):				

Oral Presentation	Excellent (5 pts)	Good (4 pts)	Adequate (2-3 pts)	Insufficient (0-1 pt)
Delivery is smooth (did you practice?)				
Delivery is lively and engaging				
The project/research is delivered in a logical order that refers to the poster as a presentation tool				
Presenter is dressed appropriately				
Presenter answers questions professionally				
Presenter is conversant in the subject area and clearly articulates the limits of their knowledge, if necessary				
Subtotal (out of 30):				