

TC304 Student Contest on Data Analytics Applied to 304dB

(August 17-18 2018, Harbin, China)

Background

TC304 (Engineering Practice of Risk Assessment and Management) of International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) has compiled geotechnical databases (nickname 304dB) that can be accessed through the following website:

http://140.112.12.21/issmge/Database_2010.htm.

The purpose of this Student Contest is to encourage undergraduate/graduate students to apply new data analytics (such as machine learning, big data, deep learning) to analyze 304dB. A Contest Challenge Question related to 304dB will be released, and participants are given 3 months to address the Question. Participants can work on the Question alone or in team.

Requirement

The participants in this session are required to:

- (1) Submit a full length paper (it will not be formally published) in English. Academic staffs (e.g., professors) cannot be listed as co-authors, although they can be mentioned in acknowledgements.
- (2) Present the research findings during the session (10 minutes presentation plus 5 minutes Q&A).

Selection of Award Winner

TC304 will establish a committee to review the papers and presentations and select the winner of the ISSMGE TC304 Student Contest Award. An award certificate will be given to the winner.

Timeline

- April 15 2018: Call for participants
- April 30 2018: Deadline of participation applications
- May 1 2018: Release of Contest Challenge Question
- July 31 2018: Submission of full length paper
- August 17-18 2018: Student contest

Participation Application

Please write an email to ISSMGETC304@gmail.com using subject "TC304 Student Contest Application" with the following information:

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