

FILL OUT TO RECEIVE MORE INFORMATION!

SCHOOL: _____

REGION: _____

CONTACT: _____

ADDRESS: _____

CITY: _____

STATE: _____ ZIP CODE: _____

PHONE: _____

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REQUESTING HOST SCHOOL FUNDING? _____

If you are interested in participating in this exciting MSE Wall competition, please fill out this form and mail it in. Only one entry per school is needed. You will then receive information about upcoming events.

To learn more about the competition, including rules and judging criteria, visit:

<http://content.geoinstitute.org/student/Geo-Challenge2009.html>



MSE WALL COMPETITION COMMITTEE
Geo-Institute of ASCE
1801 Alexander Bell Drive
Reston, VA 20191-4400



MSE WALL COMPETITION

A new geotechnical competition offered by ASCE and the Geo-Institute of ASCE for regional and national events

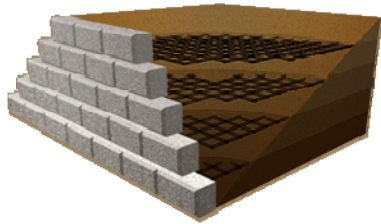
**National Competition: Feb. 21, 2010
West Palm Beach, FL**





BACKGROUND

MSE (Mechanically Stabilized Earth) is soil constructed with artificial reinforcing using materials such as steel and geosynthetics. The concept has been in use for 1000s of years. The use of MSE for retaining walls was first developed in the 1960s in by engineer Henri Vidal.



(srwalls .com)

GEOTECHNICAL ENGINEERING

MSE Walls were developed using knowledge of geotechnical engineering. Geotechnical engineering is a specialty of civil engineering that involves studying the engineering behavior of earth materials.

Geotechnical engineers are involved in the design of foundations, slopes, tunnels, and retaining walls. Since they are the experts on soil mechanics and behavior, they are a necessary component for almost every civil engineering project.

THE COMPETITION

Design and build miniature reinforced-soil retaining walls inside a plywood form, using sand with paper affixed to a poster board wall facing as reinforcement. The team with the most applied load before failure, that uses the least amount of paper reinforcement, will win.

TEAMS

Anyone interested in having fun, being creative, working on a team, and learning about geotechnical engineering is encouraged to participate!

Teams should consist of 4 students with no more than 2 graduate students.

REGIONAL ASCE CONFERENCES

To host this event at your next regional ASCE conference, please fill out the attached form and mail it in. Some funding will be available for host schools to help cover the cost. Host schools and winning teams will also be featured on the Geo-Institute's website and in their Geo-Strata magazine. Sign up today!

NATIONAL G-I COMPETITION

The national MSE Wall competition is held every year at the yearly Geo-Institute conference. This conference allows students to meet and network with other fellow students and geotechnical engineers. Learn more at the conference website:

content.asce.org/conferences/geoflorida2010



PRIZES

Winning teams from regional and national competitions will receive a plaque and recognition in Geo-Strata magazine and on the Geo-Institute website. Regional winners will also have a chance to receive a full travel grant to the national competition. Winning teams from the national competition will win the prestigious golden Atterberg cup along with scholarship money.

CONTACT INFORMATION

MSE Wall Competition Committee

Email: geo-institute@asce.org

Tel: (703) 295-6350

Fax: (703) 295-6351