GeoWall Rules

Competition Description:

The objective of the GeoWall competition is to design and build a model mechanically stabilized Earth retaining wall using kraft paper taped to a posed board wall facing. The competition objectives for students are:

1. Design a mechanically stabilized Earth retaining wall using the least amount of reinforcements needed to support the retained soil plus the vertical and horizontal surcharge loads
2. Effectively communicate their analysis and design processes

Eligible Students:

Only one team per school will be allow to compete. A team should consist of a maximum of four (4) students and a maximum of two (2) graduate students. Each team should have a designated team captain.

Supplies Needed:

Please refer to the national rules for the GeoWall competition specifications and requirements. Deliverables should conform to the national rules. Teams can download the national rules and are expected to bring all the necessary competition equiptment, as the host school will only be providing backfill material.

National Rules:
2027 National GeoWall Rules

Submittal:

The design report must be submitted electronically on or before April 1, 2027 to ascesymposium2027@gmail.com

