

GeoWall Team



The K-State GeoWall Team designs and builds a mechanically stabilized earth wall using supplies designated in competition rules established each year. Typically, materials used for reinforcement are poster board and 60-pound Kraft paper. However, the only reinforcement allowed for 2017 was the Kraft paper. The goal is to build a competitive wall that can hold back sand inside the box while withstanding additional loading.

The three-member team competed in April against three other universities in the GeoWall competition at the 2017 ASCE Mid-Continent Student Conference hosted by the University of Arkansas in Fayetteville, Arkansas.

The competition consisted of three stages: reinforcement fabrication, construction and loading. Twenty minutes were allotted for the reinforcement fabrication stage

Team leader

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and twenty-five minutes for the construction stage. After the loading stage, the wall was scored based on criteria specified in the rule book.

Though not the winners, members were pleased their wall was able to withstand the loading stage without catastrophic failure and they feel better prepared for next year.