



## Retaining walls reinforced by geosynthetics, analytic an numerical investigation

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Ensuring wall or slope stability necessitates the effective utilization of geosynthetic reinforcement to prevent failure and counter passive and active soil pressures. GRS (Geosynthetic Reinforced Soil), typically consisting of galvanized steel plates or primarily geogrids and geotextile, has emerged as a promising solution in civil engineering applications. To establish robust design guidelines, a comprehensive approach is essential to enhance our understanding and design methodologies for GRS.

