

ADVANCES IN GEOSYNTHETIC SOLUTIONS FOR SUSTAINABLE LANDFILL DESIGN: GEOSYNTHETICS REALLY DO LAST!

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Even though geosynthetics are now a well-established discipline within geotechnical engineering, ingenuity continues to play a significant role in projects involving their use. This is because it's possible to tailor the mechanical and hydraulic properties of geosynthetics to address design needs in almost all aspects of geotechnical engineering. Although the ability to achieve consistent geosynthetic properties has been a key consideration since their early use, concerns about their lifespan have subjected geosynthetics to careful scrutiny.

Full reference:

Li, C., and Zornberg, J.G. (2019). "Shear Strength Behavior of Soils Reinforced with Weak Fibers." *Journal of Geotechnical and Geoenvironmental Engineering*, ASCE, September, Vol. 145, No. 09. Zhu, M., Isola, M., and Zornberg, J.G. (2019). "Advances in Geosynthetic Solutions for Sustainable Landfill Design: Geosynthetics Really Do Last!" *GeoStrata*, Geo-Institute of ASCE, November/December, Vol. 23, No. 6, pp. 60-65.