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Your Global Source of Geosynthetic News and Technology - Current, On-topic and in Real Time !

Massive HDPE Floating Cover Delivers Valuable Biogas Benefits for Melbourne (Feature Item)

<https://www.sustainabilitymatters.net.au/content/wastewater/article/massive-cover-delivers-valuable-biogas-benefits-522909206>

Queensland Scientists Publish Study on Effect of Structural Configuration on Hydraulic Capacity of Geonet Drains Used in Landfills

https://www.researchgate.net/profile/Ivan_Gratchev/publication/.../links/5a585d290f7e9bbacbfd/bfa3/The-Effect-of-Structural-Configuration-on-Hydraulic-Capacity-of-Geonet-Drains-Used-in-Landfills.pdf

Development of Geomembrane Strains in Waste Containment Facility Liners with Waste Settlement (Just Published)

<https://www.sciencedirect.com/science/article/pii/S0266114417301577>

The Advent of Geomembrane Faced Earth and Rock Dams (GFRD) (Special Feature) [PDF]

<http://www.vncold.vn/Modules/CMS/Upload/13/Science/170703/TheAdventOfGeo.pdf>

Effects of Geofoam Panels on Static Behaviour of Cantilever Retaining Wall

<https://www.hindawi.com/journals/ace/2018/2942689/>

Controlling Uplifting Gas Bubbles in Exposed Geomembrane-lined Ponds (Part 2)

<https://geosyntheticsmagazine.com/2018/02/01/part-2-design-of-exposed-geomembrane-lined-ponds-controlling-uplifting-gas-bubbles/>

Warning Another Fake Conference on Geosynthetics

<https://waset.org/conference/2018/02/bangkok/ICFG>

Design of V-Shaped Anchor Trenches for MSW Landfills

<https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.18.00002>

Strata Constructing State-of-the-Art \$15M Geosynthetics Manufacturing Facility in Gujarat, India (Breaking News)

http://www.strataindia.com/img/media/constructing_state-of-the-art-facility.pdf

Geogrid-Reinforced Flexible Support for Treating Expansive Soil Cut Slopes

<https://ascelibrary.org/doi/abs/10.1061/JHTRCQ.0000592>

Analysis of the Junction Efficiency of the Hexagonal Geogrid Used for Soil Reinforcement

<https://trid.trb.org/view/1496257>

Experimental Study on Pull-out Response of Geogrid Embedded in Sand

<https://www.sciencedirect.com/science/article/pii/S0263224117307959>

Behavior of Square and Circular Footings Resting on Geogrid-Reinforced Sand

<http://www.tandfonline.com/doi/abs/10.1080/19386362.2018.1425197?journalCode=yjge20>

Seismic Analysis of Landfill Considering the Effect of GM-GCL Interface Within Liner

<http://cloud.excelplas.com/index.php/s/bZRJY3gt48pCpAj>

Predicting Swelling Behavior of a Na⁺-Bentonite Used in GCLs [PDF]

<http://cloud.excelplas.com/index.php/s/ErOsuS4ZdbjO86T>

New Patent for MSW Landfill Barrier System Capable of Prolonging Breakthrough Time of Leachate (Patent)

<https://patents.google.com/patent/US20180016766A1/en>

New Patent for Tufted Geosynthetic Lightweight Ballast System (Patent)

<https://patents.google.com/patent/US20170362780A1/en>

Prediction of Carrying Capacity and Settlement of Geotextile Encapsulated Stone Columns [PDF]

<http://www.pmu.edu.sa/kcfinder/upload/files/BDMACE.pdf>

Effect of Facing Stiffness on Performance of Geosynthetic-Reinforced Retaining Walls Subjected to Footing Loading

<https://trid.trb.org/view/1496455>

Strain Distribution Along Geogrid-Reinforced Asphalt Overlays Under Traffic Loading

<https://www.sciencedirect.com/science/article/pii/S0266114417301401>

Evaluation of Geogrid-Reinforced Flexible Pavement System Based on Soft Subgrade Soils Under Cyclic Loading

https://www.researchgate.net/profile/Namir_Ahmed_Alkawaaz/publication/.../links/5a558ec045851547b1bd705a/Evaluation-of-Geogrid-Reinforced-Flexible-Pavement-System-Based-on-Soft-Subgrade-Soils-Under-Cyclic-Loading.pdf

Deep Patch Landslide Mitigation Applications with Geogrids and Lessons Learned Through Case Histories

<https://trid.trb.org/view/1494732>

For Sale - Olympus TOF-D Non-Destructive Ultrasonic Test Equipment “AS NEW” for HDPE Weld Inspection - Complete System

<http://cloud.excelplas.com/index.php/s/JbyOM0ploWDFOhO/download>

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ExcelPlas now performs more than 120 standard geosynthetic tests in accordance with relevant ASTM, GRI and ISO standards.

We have extensive experience with all types of geosynthetics - from geomembranes (HDPE, LLDPE, fPP), geotextiles to geonets, geogrids, geocomposites and geosynthetic clay liners (GCLs).

As a Nationally Accredited Testing Laboratory, our technicians, equipment and quality system are monitored regularly for proficiency and compliance assuring that you can count on quality results every time.

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Among GNA's objectives are:

- To promote and educate on the development of specifications and practices that help ensure the proper use of geosynthetics.
- To locate, interpret and disseminate new scientific research to manufacturers and users of geosynthetic materials.
- To enhance the knowledge and awareness of contemporary geosynthetic technologies amongst specifiers, users and installers.

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