

February 2018 Vol. 1

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GNA – World’s Leading Source of Breaking News on Geosynthetics

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://geosyntheticmagazine.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

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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/BDMMCE.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>

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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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- Articles published on GNA get thousands of views and are distributed widely through 3rd Party Affiliates
- GNA is now the most read source of Breaking News on Geosynthetics Worldwide
- Since GNA is published up to 12 times per month, no other source of Geosynthetic Industry News comes close to being as current and up-to-date
- In 2017 we have increased readership by 10,000+ through India, Africa and Asia
- Special Advertising Packages Available for Geosynthetic Manufacturers, Installers, and Service Providers.

ExcelPlas Geosynthetics Testing Expands Geosynthetic Testing Offerings

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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