March 2022 Vol. 4

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INDUSTRY NEWS

Wrekin Commits to Geosynthetics Growth with New Appointment (Breaking News)
https://www.wrekinproducts.com/news/geos-growth-new-appointment

Geosynthetics – The Innovation Gaps and Opportunities (Solmax Blog)
https://www.solmax.com/en/blog/geosynthetics-the-innovation-gaps-and-opportunities

Why Choose Tiltex™ B Anti-Cracking GCCM Over Other GCCM Products Available?
https://www.tiltexnorthamerica.com/faqs

Geosynthetics Support Circular Economy
https://geosyntheticsmagazine.com/2022/03/18/geosynthetics-support-circular-economy/

The Plastics Landscape: Risks and Opportunities Along the Value Chain for

Geosynthetics and Other Products
https://www.unpri.org/download?ac=10258

HUESKER: Ecological Sustainability Through Innovative Technical Geotextiles (New Video)
https://www.youtube.com/watch?v=_cuU3OxJvZA

NEW PATENTS

Owens Corning Patents WELDER FOR LAMINATES WITH DISSIMILAR WELDING SURFACES [PDF]
https://www.freepatentsonline.com/20220080677.pdf

WaterShed Geo Patents Integrated Photovoltaic Module Mounting System for Use with Tufted Geosynthetics [PDF]
https://www.freepatentsonline.com/11277091.pdf

Imagine Intelligent Materials Patents Smart Geotextile Incorporating Graphene [PDF]
https://www.freepatentsonline.com/11274393.pdf

GEOMEMBRANES

Pilot Project and Field Study: Data and Quality-Based Geomembrane Field Seaming Evaluation for CCR Projects
https://cloud.excelplas.com/s/hdm2YrjxmafDkhZ#pdfviewer

Wind Tunnel Study and Uplift Analysis of Geosynthetic Covers
https://cloud.excelplas.com/s/ygG1lhtPA1hRdgs#pdfviewer

Integrity of HDPE Pond Liner Systems during and after PFAS Flocculation and Stabilization [PDF]
https://cloud.excelplas.com/s/qxkaxQ6nzHiHX76#pdfviewer

Chinese Geomembrane Manufacturer Shandong Dajin Geosynthetics Sets Up Daily Complaint Handling System
https://www.earthshields.com/ceoonline/

BAM Publishes Study on the Environmental Impact of Geosynthetic Materials
https://www.mdpi.com/1996-1944/15/6/2208/pdf

Phosphogypsum Dumping Yards with HDPE Liners—A Review
https://link.springer.com/chapter/10.1007/978-981-16-6456-4_42

Interface Shear Behaviour of a Shaft Lining Concrete-HDPE Material Under Different Pre-imposed Normal Stresses
https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0264691

ASTM Update for Standard Practice for Ultrasonic Testing of Geomembranes ASTM D7006-03(2022)
https://webstore.ansi.org/standards/astm/astmd7006032022

LANDFILL LINERS

Effect of Solid Waste Landfill Leachate Contaminants on Hydraulic Conductivity of Landfill Liners
https://pubmed.ncbi.nlm.nih.gov/35290233/

Effect of Solid Waste Landfill Leachate Contaminants on Hydraulic Conductivity of Landfill Liners

https://www.researchgate.net/publication/358338440-Effect-of-solid-waste-landfill-leachate-contaminants-on-hydraulic-conductivity-of-landfill-liners

Performance of a Phytocapped Landfill In a Semi-Arid Climate
https://www.researchgate.net/publication/359330827-PERFORMANCE-OF-A-PHYTOCAPPED-LANDFILL-IN-A-SEMI--ARID-CLIMATE

GEOTEXTILES

Technical Review of Development and Applications from Wicking Fabric to Wicking Geotextile [PDF]
https://cloud.excelplas.com/s/Wo7Yhtd9zbADocz#pdfviewer

Experimental Investigation of the Hydraulic Performance of Breakwater Structures with Geotextile Armor Units [PDF]
https://cloud.excelplas.com/s/9vLS1lxtdYqFboU#pdfviewer

Analyzing Different Methods to Model a Marine Geosynthetic Mattress on a Partially Submerged Slope [PDF]
https://cloud.excelplas.com/s/1EcoPf9JpIbahUN#pdfviewer

GCLs

Predicting Hydraulic Conductivity of Geosynthetic Clay Liners Using a Neural Network Algorithm [PDF]
https://cloud.excelplas.com/s/LZzNxMApaYnVFGS#pdfviewer

GEOGRIDS

Effect of Geogrid Type on the Shallow Foundation Behaviour with Two Slopes of Riverbank
The bearing capacity in riverbank with a slope of 60° increased by 1.8 and 1.9 times that with no geogrids for Tensar (SS2) and Netlon (CE121), respectively. Also, the bearing capacity in riverbank with a slope of 70° increased by 2 and 2.2 times that with no geogrids for Tensar (SS2) and (Netlon CE121), correspondingly.
https://link.springer.com/chapter/10.1007/978-981-16-6277-5_27

A 3D-FE Model for the Rutting Prediction in Geogrid Reinforced Flexible Pavements [PDF]
https://www.mdpi.com/2071-1050/14/6/3695/pdf

GEOCELLS

Geocell Reinforcement Improves Structural Performance of Railway (GeoWeb™)
https://www.prestogeo.com/blog/

NEW JOBS

Geotest Seeking Industrial Sewing Machinist Required for Geomembrane Industry
https://www.seek.com.au/job/56359741?type=promoted

GEOSYNTHETIC DIGITAL MARKETING

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to put it all together.
https://www.youtube.com/watch?v=QCkE3q3sHPg

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We deliver market news & information relevant to your business
Geosynthetic Intelligence is an evolving platform to address industry news, market challenges and trends
https://www.youtube.com/watch?v=QCkE3q3sHPg

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• In 2017 we have increased readership by 10,000+ through India, Africa, and Asia
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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).
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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.

GNA – World’s Leading Source of Breaking News on Geomembranes, Geotextiles, and other Geosynthetics

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