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GNA – The Most Widely Read Online Geosynthetics Publication
Time Sensitive Messaging for the Global Geosynthetics Industry

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INDUSTRY NEWS

ITL Aqualiner® Stands the Test of Time as a Channel Liner Under the Harsh Australian Sun
https://cloud.excelplas.com/s/Gzreigit7md1uzX

Strong Growth, but Lower Margins for Geosynthetics Industry (Editorial)
https://cloud.excelplas.com/s/3WPhMiS3O98ydFE

Canadian Graphene Manufacturer's Stock Price Slides by 65%
https://cloud.excelplas.com/s/0IO7A51VwcRZEgz

Cost-efficient Retaining Wall Built in The Netherlands with TenCate Miragrid® GX Geogrid
https://blog.tencategeo.eu/cost-efficient-retaining-wall-built-in-the-netherlands/

IGS Extends Deadline for Sustainability Calculator Bid
https://www.geosyntheticssociety.org/sustainability-benefits-calculator-bid-deadline-extended/

DT Conductive Geotextile for Leak Detection of Geomembranes
https://globalsynthetics.com.au/product/dt-conductive-geotextile/

NEW WEBINARS

FGI Webinar – 'Mobilized Interface Strengths on Geosynthetic Lined Slopes' – 18 October, 2022
https://geosyntheticsmagazine.com/2022/10/13/mobilized-interface-strengths-on-geosynthetic-lined-slopes/

Webinar – 'Bentonite-Polymer Composite GCLs for Aggressive Conditions'
Presented by: Craig H. Benson, PhD, PE, NAE, University of Virginia
https://register.gotowebinar.com/register/8157926987797910540
https://www.solmax.com/en/news/webinar-bentonite-polymer-composite-gcls-for-aggressive-conditions

Webinar – 'Design and Construction of Geotube® Containment Dyke on Soft Marine Clay' Date: 27 October 2022 (Thursday)
https://www.event.acem.com.my/wp-content/uploads/2022/09/Webinar-on-Design-and-Construction-of-Geotube.pdf

GEOMEMBRANES

Change Pattern of Geomembrane Surface Roughness for Geotextile/Textured Geomembrane Interfaces
https://www.sciencedirect.com/science/article/abs/pii/S0266114422001091

LANDFILL CAPS

FEM Modelling for Calculating Geomembrane Strain Due to Differential Settlement from Degrading or Thawing Waste [PDF]
https://cloud.excelplas.com/s/FSIZ0RaMMxSgUA9

New Patented Method to Recover Landfill Gas Using Geomembrane Capping
https://www.freepatentsonline.com/20220324001.pdf

GCCM

Centrifuge Modelling of a Soil Slope Reinforced by Geosynthetic Cementitious Composite Mats (GCCM) [PDF]
https://cloud.excelplas.com/s/W6WocDKRShOlFKW

GEOTEXTILE TUBES

Assessment of Geotextile Tubes and Shoreline Changes for the Selangor Coast, Malaysia, Using the Digital Shoreline Analysis System Technique
Geo-textile tubes have been designed as breakwaters for the coasts of Haji Dorani and Kelanang, Selangor
https://www.mdpi.com/2413-8851/6/4/71/pdf?version=1665571405

Design and Construction of Geotube® Containment Dyke on Soft Marine Clay Date: 27 October 2022 (Thursday)
https://www.event.acem.com.my/wp-content/uploads/2022/09/Webinar-on-Design-and-Construction-of-Geotube.pdf

WICKING GEOSYNTHETICS

Analytical Method for Quantifying Performance of Wicking Geosynthetic Stabilized Roadway

https://www.sciencedirect.com/science/article/abs/pii/S0266114422001029

GCLs

Webinar – Bentonite-Polymer Composite GCLs for Aggressive Conditions
Presented by: Craig H. Benson, PhD, PE, NAE, University of Virginia
https://register.gotowebinar.com/register/8157926987797910540
https://www.solmax.com/en/news/webinar-bentonite-polymer-composite-gcls-for-aggressive-conditions

A Generalized Water Retention Model for Geosynthetic Clay Liners [PDF]
https://cloud.excelplas.com/s/AHo8DTi7cTCdxuG

GEOGRIDS

Australian and Vietnamese Scientists Investigate Geotechnical Properties of Lime-Geogrid Improved Clayey Subgrade Under Various Moisture Conditions
https://cloud.excelplas.com/s/zVbn4THrxGNIaQb

Dynamic Response and Geogrid Strain Analysis of GRS Retaining Wall
https://www.researchgate.net/publication/364262514_Dynamic_Response_and_Geogrid_Strain_Analysis_of_GRS_Retaini
ng_Wall

Experimental Investigation of Interface Characteristics between Geogrid and Coarse-Grained Soil in a Seasonally Frozen Area [PDF]
https://www.mdpi.com/2076-3417/12/19/10187/pdf?version=1665412461

Experimental Study on Cyclic Shear Characteristics of Geogrid and Rubber–Sand Mixture Interface

https://www.sciencedirect.com/science/article/abs/pii/S0950061822029841

Membrane Effect of Geogrid Reinforcement for Low Highway Piled Embankment under Moving Vehicle Loads
https://www.mdpi.com/2073-8994/14/10/2162/pdf?version=1665826881

GEOCELLS

Terre Armee Cellular Soil Confinement and Stabilization Solutions
https://www.terre-armee.com/reinforced-earth/geocells-armaweb/

MICROPLASTICS

Microplastics Found in 75% of Fish in New Zealand, Report Shows
https://www.theguardian.com/environment/2022/oct/13/microplastics-found-in-75-of-fish-in-new-zealand-report-shows

Sorption Behaviour and Mechanisms of Thallium to Microplastics
https://www.frontiersin.org/articles/10.3389/fmars.2022.1033164/full

A Comparative Study on the Distribution Behaviour of Microplastics through FTIR Analysis on Different Land Uses in Agricultural Soils
https://www.sciencedirect.com/science/article/abs/pii/S0013935122017315

TRANSPORT

Geosynthetic Materials in Transportation Engineering
https://www.researchgate.net/publication/364102544_Geosynthetic_Materials_in_Transportatio

n_Engineering

TUNNELS

Geofabrics Academy™: Innovative Geosynthetic Design for Tunnels - Rajesh Bhavsar (Video)
https://www.youtube.com/watch?v=PZ5yFLx0BB0

GEOSYNTHETIC DIGITAL MARKETING

How to Get Noticed by More Than 48,000 People in the Geosynthetic Space Across the Globe
GNA reaches over 48,000 people each month and this high level of audience engagement comes from years of creating content that matters to the geosynthetic industry.
We provide the industry's most reliable and current information and have the trust and attention of the leaders and decision-makers.
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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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• 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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http://www.geosyntheticnews.com.au

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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