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Time Sensitive Messaging for the Global Geosynthetics Industry

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UPCOMING WEBINARS (DON'T MISS OUT!)

Layfield Geosynthetics Webinars on 'The Design and Installation of Geosynthetic Floating Covers and Geomembranes (Dam Liners) for Municipal Water Storage'
Presented by Doug Hilts, P.E. (Hilts Consulting Group) and Brian Fraser, MBA (Layfield Geosynthetics)
March 21st at 2pm EST (North American Coverage) https://us02web.zoom.us/webinar/register/WN_y2bu__5cTUOW-jz-zKcVdw
March 29th at 9am AWST (Australia and New Zealand Coverage) https://us02web.zoom.us/webinar/register/WN_aNRF1oX_QMmngH_uxXq4Fw

INDUSTRY NEWS

Former Raven Geomembranes Division, now Viaflex, Sets Record Year While Charting Course for Growth
https://www.siouxfalls.business/former-raven-division-now-viaflex-sets-record-year-while-charting-course-for-growth/

Atarfil Presentation on 'White Geomembranes Performance'
By Ryan Mcnamara Area Manager North America, Atarfil, Suffolk, VA and Borja Nanton Civil Engineer, Atarfil, Granada, Granada, Spain
HDPE Geomembranes have been used in containment applications for the past 50 years. Over this period, Polyethylene Geomembrane formulations have changed markedly with a design need to contain higher-risk contaminants stored in more challenging environments. One of the significant product developments has seen the emergence of "White Top Layer" Geomembranes. Atarfil would concur, and our most recent immersion and exposure data are compelling. It is not simply the thermal behaviour that is beneficial; the additive types required to meet the challenges of stabilizing white layers also serve significantly better protection when subjected to UV and Immersion Testing. This translates to substantially longer predictions of Geomembrane performance life.
https://www.smeannualconference.com/2020SMEAnnualConference/includes/themes/ACE23/assets/SME_MXC23_Technical%20Program2_2023.pdf

COMANCO & Watershed Geo Prevent Groundwater Contamination by Installing A Geosynthetic System
COMANCO advances installing a geosynthetic system to prevent groundwater contamination in Florida. The team has now completely installed the 50 mil super Gripnet, followed by synthetic turf and a ballast system of sand infill over the turf. The ClosureTurf® system used in this project is a new method of capping containment sites. Using Watershed Geo ClosureTurf® instead of classic sod eliminates the need for excess soil and constant maintenance.
https://comanco.com/blog/comanco-prevents-groundwater-contamination/

Craig Benson on Effectiveness of Composite Liners in Containing PFAS
https://www.researchgate.net/publication/369033703_Effectiveness_of_Composite_Liners_in_Containing_PFAS

Sources of Microplastics from Geosynthetics and Suggested Mitigation Strategies
https://cloud.excelplas.com/s/afTOL4uuC5m5QyB#pdfviewer

Huesker Environmental Engineering | Bottom Lining and Cover Lining Systems for Landfills with Geosynthetics
https://www.youtube.com/watch?v=p-F1X47pZj4

Geosynthetic Engineer Ashray Saxena Named ASCE 2023 New Face of Civil Engineering
Saxena is working to evaluate the mitigation of crack propagation in geosynthetic reinforced asphalt pavements
https://www.caee.utexas.edu/news/1105-ashray-saxena-named-asce-2023-new-face-of-civil-engineering

Tiltex™ GCCM Adds Water Infiltration Barrier and Ground Surface Erosion Control Protection to Reinforced Earth Wall
https://geosyntheticsmagazine.com/2023/03/09/tiltex-adds-water-infiltration-barrier-and-ground-surface-erosion-control-protection-to-reinforced-earth-wall/

Watershed Geo Technologies Provide Sustainable Approach to Preventing Erosion with Solar Farms
https://geosyntheticsmagazine.com/2023/03/14/watershed-geo-technologies-provide-sustainable-approach-to-preventing-erosion-with-solar-farms/

Indian Company Develops Geomembranes for Landfill Liner Applications
https://www.environmental-expert.com/news/singhal-industries-private-limited-rolls-out-versatile-geomembrane-for-your-garbage-disposal-needs-1103238

PVC Composite Paste for Coating Concrete Canvas Structure: Preparation and Characterization
https://mcej.modares.ac.ir/browse.php?a_id=61878&sid=16&slc_lang=en&ftxt=0

GEOMEMBRANES

Machine Learning Modelling of Tensile Force in Anchored Geomembrane Liners
https://www.researchgate.net/publication/369138428_Machine_learning_modelling_of_tensile_force_in_anchored_geomembrane_liners

LANDFILLS

NYSERDA Signs MOUs to Explore Renewable Projects in Closed Landfills
https://cloud.excelplas.com/s/qLEj0njZ18NhtBu

Factors Affecting the Maximum Leachate Head in the Landfill Drainage Layer under Clogging Conditions
https://www.mdpi.com/2071-1050/15/6/5049/pdf?version=1678692303

GCLs

Mining Leachates Effect on the Hydraulic Performance of Geosynthetic Clay Liners under Different Temperatures
https://www.mdpi.com/2073-4441/15/6/1132/pdf?version=1678872522

GEOTEXTILE TUBES

Study on Hydrodynamic and Liquefaction Analysis of Coastline Protected with Geotubes
https://link.springer.com/chapter/10.1007/978-981-19-6998-0_18

Finite Element Analysis of Sand-Tire Crumbs Filled Geotube Reinforced Embankments Subjected to Scouring
https://igc2022kochi.org/Img/FINAL_PAPER/TH-08/TH-08-013.pdf

GEOGRIDS

Dramatic Video of Collapse of Reinforced Slope in Colombia
https://www.itemfix.com/v?t=4qwhue

GEOCELLS

Comparative Study of Geocell and Geogrid-Reinforced Highway Base Layers Under Repeated Loads
https://www.tandfonline.com/doi/abs/10.1080/14680629.2023.2182126

Evaluation of Geocell-Reinforced Railway Track Using FEM and FLM-Based Software: A Parametric Analysis
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4379749

NEW JOBS

Geotest Pty Ltd. Seeking Geomembrane Welding Technicians
https://www.seek.com.au/job/66059270?type=standout#sol=73fe66d01c687d492f31cfcac23e62de3f379290

GEOSYNTHETIC DIGITAL MARKETING

Essential Look into Global Geosynthetic Developments with the Weekly GNA Newsletter
GNA connects engineers, regulators, facility owners, and other stakeholders around the world to its readers and advertising participants.
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GNA is a digital news communications and technology platform focused on digital publishing and delivering breaking geosynthetics news relevant to environmental engineering for the geotechnical and geo-environmental community.
Be in the know with an essential look into global geosynthetic developments with our weekly GNA newsletter.
https://www.geosyntheticnews.com.au/

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.
Not only can we help you get in front of our highly engaged audience, but we also have a number of channels you can use to target your message – as well as the subject matter experts to put it all together.
https://www.youtube.com/watch?v=QCkE3q3sHPg

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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.

Geosynthetic News Alerts - Your Global Source of Geosynthetic News and Technology. Current and Updated!
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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http://www.excelplas.com/

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