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NEWSMAKERS: * Bentofix® * Canal Liners * Concrete Canvas * Eurobent * European Investment Bank (EIB) * ExcelPlas * GCL * GNA * GeoAmericas 2024 * GeoCable * Geofabrics * Geotextile Containers * Geosynthetics * Geplus * Grants * Hydroperoxides * IGS * International Geosynthetics Society * ITL * Jaylon * Kerry Rowe * Microplastics * NAUE * Sanjay Kumar Shukla * SOLMAX * Tiltex® * WSP

BREAKING NEWS

Warning: Despite ITL Losing Texas Case, Eurobent Still Uses Non-GCCM Performance Data for Tiltex
https://cloud.excelplas.com/s/8Lfhy4GkJHVWVnE

INDUSTRY NEWS

Geosynthetics Industry Grapples with High Costs Despite Sales Growth (Special Feature)
https://cloud.excelplas.com/s/bXEdbEtegU0Puhw

2023 Geosynthetics Specifier's Guide Published
https://geosyntheticsmagazine.com/specifiers-guide/

Kerry Rowe on ‘The Need to Consider the Service Life of all Components of a Modern MSW Landfill Liner System’ [PDF]
https://cloud.excelplas.com/s/00NdHYjWI5AyWYQ

SEMINAR – ‘Sustainable Use of Geosynthetics in Mega Projects in Civil and Environmental Engineering’ (19th April, 2023)
https://www.indexnonwovens.com/en/page/seminars-1450

European Investment Bank (EIB) Releases Study on Microplastics and Micropollutants in Water – Contaminants of Emerging Concern [PDF]
https://www.eib.org/attachments/lucalli/20230042_microplastics_and_micropollutants_in_water_en.pdf

Study on the Geotextile Containers to Construct a Tailings Dam
https://www.mdpi.com/2071-1050/15/6/4768/pdf?version=1678244838

Could Giant Blankets and Other Extreme Actions Save Glaciers? (Scientific America)
https://www.scientificamerican.com/article/could-giant-blankets-and-other-extreme-actions-save-glaciers/

R&D Grants for Geosynthetic Companies in Australia Closing in One Month
https://20712624.hs-sites.com/rd-applications-closing-soon

New Method to Detect Early Oxidation of HDPE Geomembranes [PDF]
https://cloud.excelplas.com/s/RcUdDj26v6diSw8

Australian Geosynthetics Professor Explains Effect of Expansive Soils on Swelling Behaviour of Encapsulated Sodium Bentonite GCLs
https://www.sciencedirect.com/science/article/pii/S2214785323007599

Rockfall Embankments with Geosynthetics
https://www.geplus.co.uk/technical-paper/technical-paper-framework-for-optimised-design-of-rockfall-protection-
embankments-reinforced-with-geosynthetics-part-1-10-02-2023/
https://www.geplus.co.uk/technical-paper/technical-paper-framework-for-optimised-design-of-rockfall-protection-
embankments-reinforced-with-geosynthetics-part-2-09-03-2023/

The Magic of NAUE Bentofix® Geosynthetic Clay Liner (GCL)
https://www.youtube.com/watch?v=cKUPIkT8Mew

Student Receives $200K Funding from Solmax for Geogrid Project
The study will test the compatibility of PVC-coated Geogrid to be used in MSE structures that Contain Recycled Concrete Aggregate."
https://cec.gmu.edu/research/grants

Cow Faeces Found to Degrade HDPE (No Bullshit!)
https://www.sciencedirect.com/science/article/abs/pii/S1878818123000476

Call for Abstracts for GeoAmericas 2024 in Toronto, Canada (28 April – May 1 2024)
https://geoamericas2024.exordo.com/login

GEOMEMBRANES

Model Test on Mechanical and Deformation Property of a Geomembrane Surface Barrier for a High Rockfill Dam
https://www.mdpi.com/2076-3417/11/23/11505/pdf?version=1638608271

New Process Patented for Joining Overlapping Thermoplastic Membrane Components
https://www.freepatentsonline.com/11597160.pdf

CANAL LINERS

Design of Canals Lined with Geomembranes [PDF]
https://cloud.excelplas.com/s/8JiqLPTDZywAxlW

Lining of Canals to Reduce Water Losses from Irrigation Canals and their Modern Sustainable Solutions – A Review
https://www.researchgate.net/profile/Doaa-El-Molla/publication/368915088_Water_Losses_from_Irrigation_Canals_and_their_Modern_Sustainable_Solutions_-A_Review/links/640036c7b1704f343f953f32/Water-Losses-from-Irrigation-Canals-and-their-Modern-Sustainable-Solutions-A-Review.pdf

GEOTEXTILES

Study on the Geotextile Containers to Construct a Tailings Dam
https://www.mdpi.com/2071-1050/15/6/4768/pdf?version=1678244838

A Review of Coastal Protection Using Geobag/Geotextile Containers and Natural Countermeasures—Mangrove Vegetation and Geosynthetics
https://www.mdpi.com/2673-4117/4/1/55/pdf?version=1678332272

Indian Residents Demand Completion of Geotextile Bag Shore Protection Works for Entire Coastal Segment
https://www.thehindu.com/news/cities/Kochi/chellanam-residents-demand-completion-of-shore-protection-works-for-entire-coastal-segment/article66610814.ece

Experimental Study on the Fatigue and Freeze-Thaw Properties of Geotextile Isolation Layer in CRTS III Ballast-less Tracks
https://www.sciencedirect.com/science/article/pii/S2214509523001675

Effect of Fabric Structure on In-plane and Through-Plane Hydraulic Properties of Nonwoven Geotextiles
https://www.sciencedirect.com/science/article/abs/pii/S0266114423000134

GCLs

Gas Flow Characteristics of GCL Under Distortions, Wet-Dry Cycles, and Hydrating Fluids
https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.22.00391

Effect of Expansive Soils on Swelling Behaviour of Encapsulated Sodium Bentonite of Geosynthetic Clay Liner (GCL)
https://www.sciencedirect.com/science/article/pii/S2214785323007599

GEOCELLS

Understanding Hoop Stress in Geocells
https://geosyntheticsmagazine.com/2023/03/02/understanding-hoop-stress-in-geocells/

GEOGRIDS

A Review on Use of Geosynthetic Material in Road Construction
https://www.researchgate.net/profile/Virgonda-Patil/publication/368756221_A_Review_on_Use_of_Geosynthetic_Material_in_Road_Construction/links/63f85d950d98a97717b28380/A-Review-on-Use-of-Geosynthetic-Material-in-Road-Construction.pdf

GEOCABLES

Evaluation of Mechanical and Electrical Properties of a New Sensor-Enabled Piezoelectric Geocable for Landslide Monitoring
https://www.sciencedirect.com/science/article/abs/pii/S0263224123002312

NEW JOBS

Jaylon Seeking Geomembrane Welding Technicians
https://7news.com.au/jobs/jobview/geomembrane-technicians/671b455f-7ddf-46d2-8511-3ca0b28e1346?page_referral_element=Search%20result

Solmax Seeking Quality Compliance Manager
https://www.linkedin.com/jobs/view/quality-compliance-manager-at-solmax-3513145214

WSP seeking Geotechnical Engineer with Geomembrane Installation Experience for Heap Leach and TSF
https://phe.tbe.taleo.net/phe01/ats/careers/v2/viewRequisition?org=V8D6AK&cws=37&rid=10719

GEOSYNTHETIC DIGITAL MARKETING

Essential Look into Global Geosynthetic Developments with the Weekly GNA Newsletter
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https://www.geosyntheticnews.com.au/

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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
• Special Advertising Packages Available for Geosynthetic Manufacturers, Installers, and Service Providers.

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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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