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NEWSMAKERS: * AGRU * Alex Gersch * Geosynthetics * Glaciers * GNA * Imertech * Layfield * Prof. Manoj Kumar Ram * Microplastics * SKZ * Underground Pumped Hydro

BREAKING NEWS

Layfield Announces Director for Australia
https://cloud.excelplas.com/s/FhRjOVrZtVmROgC

SKZ Develops New Geomembrane with Integrated Drainage Channels
A new, patented process describes the integral manufacturing of a geosynthetic drainage sheet (GDS) from a single plate-shaped base body. In the simplest case, grooves (MD "machine direction") and counter-grooves (CMD "cross-machine direction") are introduced into an extruded, plate-shaped base body with the aid of embossing rollers. These grooves are formed by material displacement, which leads to opening passages at the crossing points of the grooves and counter-grooves.
https://worldwide.espacenet.com/patent/search/family/067253904/publication/US2021276230A1?q=Kunststoffdr%C3%A4nbahn

INDUSTRY NEWS

Addressing the Rising Costs of Landfill Cover Soil with Geosynthetics
https://agruamerica.com/addressing-the-rising-costs-of-landfill-cover-soil/

Climate Crisis: Why China is Putting Geotextile Blankets on a Glacier
https://www.firstpost.com/explainers/climate-crisis-why-china-is-putting-blankets-on-a-glacier-12838392.html

Chinese Scientists Try to Stop Glaciers from Melting with Innovative Thermal Geotextile Blankets
https://www.scmp.com/video/china/3226919/chinese-scientists-try-stop-glaciers-melting-innovative-thermal-blanket

Innovative Underground Pumped Hydroelectric Energy Storage (PHES) System Using Geomembranes
https://www.researchgate.net/profile/Hans-Stutz/publication/371956502_A_simplified_approach_to_numerical_modelling_of_an_underground_pumped_hydroelectric_energy_storage_system/links/649e7956c41fb852dd40f773/A-simplified-approach-to-numerical-modelling-of-an-underground-pumped-hydroelectric-energy-storage-system.pdf

Effect of Geomembrane Usage on Microplastics in a Salt Field
https://cloud.excelplas.com/s/VxR41EKqC1Qf28r

Webinar Recording: Lessons from the Field: Constructing Geomembranes
View Lessons from the Field Webinar Here

NEW PATENTS

Florida Professor Patents New Method for Making Highly Stabilized HDPE Geomembranes
https://www.freepatentsonline.com/11692085.pdf

Imertech Patent New Improved GCL

https://www.freepatentsonline.com/11692325.pdf

GEOMEMBRANE

Leakage Through a Circular Geomembrane Hole Overlain and Underlain by Silty Sand Tailings
https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.23.00028

GEOTEXTILES

Model Study on Geotextile Reinforced Railway Subgrade
https://www.sciencedirect.com/science/article/abs/pii/S2214785323033060

Comparative Study Between the Performances of Polypropylene and Polyester Non-Woven Geotextiles in Landfills
https://www.issmge.org/uploads/publications/48/118/7iYGEC_Ehujuo.pdf

GCLs

Measuring the Hydraulic Performance through a GCL Overlap in the Horizontal Flow Direction
https://www.issmge.org/uploads/publications/1/120/ICSMGE_2022-669.pdf

GEOCOMPOSITES

Investigation on the Performance of Asphalt Overlays Reinforced with Geocomposite in Controlling the Reflective Cracks
https://link.springer.com/article/10.1007/s42452-023-05417-5

GEOSYNTHETIC DIGITAL MARKETING

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https://www.geosyntheticnews.com.au/

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https://www.youtube.com/watch?v=QCkE3q3sHPg

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• 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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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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