

October 2019 Vol. 8

Author : GNA

GNA - The World's Most Viewed Online Geosynthetics Bulletin

Newsmakers: *Craig Benson * EuroGeo7 * ExcelPlas * GMA * Huesker * Maccaferri * TenCate * TENSAR * XR Geomembranes

Maryland's Largest Dam Project in 30 Years Features an Innovative Bituminous Geomembrane Liner (BGL)

The durable BGM liner has a friction angle of 34 degrees which is well-suited for the steep embankment slopes

<https://www.enr.com/articles/47947-best-waterenvironment-mt-soma-reservoir>

Three Common Geomembrane Failure Mechanisms – Punctures, Environmental Stress Cracking and Wicking

<https://www.xrgeomembranes.com/blog/3-common-geomembrane-failure-mechanisms>

Containing Bauxite Liquor Using Bentonite-Polymer Composite Geosynthetic Clay Liners (GCL)

<https://www.researchgate.net/profile/Craig-Benson3/publication/328226527-Containing-Bauxite-Liquor-Using-Bentonite-Polymer-Composite-Geosynthetic-Cla-Liners-Towards-a-Sustainable-Geoenvironment>

Brief Comparison Between Closed and Open Dewatering with Geotextile Tubes

https://www.matec-conferences.org/articles/matecconf/pdf/2019/44/matecconf_suslille2019_03005.pdf

Laboratory Tests of the Influence of Clogging on the Hydraulic Properties of Nonwoven Geotextiles

<https://www.researchgate.net/profile/Anna-Miskowska/publication/328226388-Laboratory-Tests-of-the-Influence-of-Clogging-on-the-Hydraulic-Properties-of-Nonwoven-Geotextiles-Towards-a-Sustainable-Geoenvironment>

SEM Analyses on the Long-Term Drainage Performance of a New Wicking Fabric

<https://doi.org/10.1061/9780784482087.029>

First Look at Line Up for Eurasian Geosynthetics Symposium

<https://www.edana.org/docs/default-source/events-documents/eags-2019-programme>

Call For Abstracts Deadline 31 October 2019 for EuroGeo7

EuroGeo7 is the 7th European Regional Geosynthetics Conference and will be held in Warsaw, Poland.

<https://eurogeo7-georoad20.syskonf.pl/abstracts?lang=en>

Laboratory Test on Reinforced the Tractor Road Subgrade in Cold Region by Seepage Drainage Geogrid

<http://www.actamicroscopica.com/index.php/path/article/view/302>

Reproduction of Geogrid In Situ Damage Used in Asphalt Concrete Pavement with Indentation Tests

https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20180929.htm

Comparative Experimental Investigation of Geogrid-soil Interface Behavior of Biaxial and Triaxial Geogrid

<http://jonuns.com/index.php/journal/article/download/104/104>

Shaking Table Tests on Shallow Foundations over Geocomposite and Geogrid-Reinforced Liquefiable Soils

<https://www.sciencedirect.com/science/article/pii/S0267726118313101>

Effect of the Geotextiles Reinforcement Area on the Stabilization of Soil Deformations

https://www.matec-conferences.org/articles/mateconf/pdf/2019/44/mateconf_suslille2019_03005.pdf

Cyclic Plate Testing of Geosynthetic-Reinforced Airfield Pavements

<https://www.icevirtuallibrary.com/doi/abs/10.1680/jgrim.18.00106>

Physical Model Tests of Half-Scale Geosynthetic Reinforced Soil Bridge Abutments. II: Dynamic Loading

<https://escholarship.org/uc/item/1209m68p>

Geosynthetics in the United States: Growing the Industry through Government Relations, Education, and Technical Support

Jonathan Curry, Managing Director, Geosynthetic Materials Association (USA)

<https://www.edana.org/docs/default-source/events-documents/eags-2019-programme>

Current Status and Prospects of Geosynthetics Standard

Peter Atchison, Chairman, ISO Geosynthetics Committee (UK)

<https://www.edana.org/docs/default-source/events-documents/eags-2019-programme>

Innovative Drainage Geocomposite for the Control of the Frost Heave in the Road Structures

Pietro Pezzano, Corporate Sector Technical Manager Geosynthetics, Maccaferri (Italy)
<https://www.edana.org/docs/default-source/events-documents/eags-2019-programme>

Olivier Detert, Head of Engineering Department, HUESKER Synthetic GmbH (Germany)
<https://www.edana.org/docs/default-source/events-documents/eags-2019-programme>

Professor Ooi's team wins TRB's 'Best Paper Award' for Geosynthetic Reinforced Soil

Professor Phillip Ooi and his team's paper on "Long-Term Behavior Of A Geosynthetic Reinforced Soil

Integrated Bridge System in Hawaii?" was reviewed by the Transportation Research Board's Standing Committee on Geosynthetics

<https://www.eng.hawaii.edu/ooi-trb/>

Army Corps' Proposal for Sand Dunes to Protect Texas Coast Brings Questions about Cost, Feasibility After Geotube Damage

<https://www.expressnews.com/news/houston-texas/houston/article/SAND-DUNES-14537080.php>

Plan to Install 'Geotubes' near Mickler's Landing Beach Stirring Controversy in Ponte Vedra

<https://www.firstcoastnews.com/article/tech/science/environment/plan-to-install-geotubes-near-micklers-landing-beach-stirring-controversy-in-ponte-vedra/77-e82dab23-7360-4abc-ac4f-09adc3ed4905>

Study on the Seam Strength Improvement of Woven Geotextiles with Seaming Lines and Seamed Parts

http://society.kisti.re.kr/sv/SV_svpsbs03V.do?method=download&cn1=JAKO201810760742144

Optimization of Sensors Locations in Internal Stability Analysis of Geosynthetic-Reinforced Earth Retaining Walls

https://www.matec-conferences.org/articles/mateconf/pdf/2019/44/mateconf_suslille2019_03001.pdf

Steel and Geosynthetic Reinforcement-Soil Interaction

<https://oaktrust.library.tamu.edu/handle/1969.1/185021>

Out-of-Plane Bending of Masonry Walls Strengthened with Geosynthetics

<https://www.sciencedirect.com/science/article/abs/pii/S0950061819326509>

Stay Up to Date with the Latest Geosynthetic News by Signing Up for the GNA Newsletter!

<https://www.geosyntheticnews.com.au/subscribe/>

- GNA now has +30,000 views per month
- 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+ though 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

This Newsletter is brought to you by ExcelPlas Labs ? Australia’s Largest group of Geosynthetics Testing Labs.

<http://www.excelplas.com/>

GNA is currently sent to over 7500 Geosynthetic Industry Members Globally every week.

Any news requests should be sent to john@excelplas.com

To subscribe, visit <https://www.geosyntheticnews.com.au/subscribe/>

GNA™ (Geosynthetic News Alerts™)

GBN™ (Geosynthetic Breaking News™)

GNAu™ (Geosynthetic News Australia™)

GNAf (Geosynthetic News Africa™)

GNC™ (Geosynthetic News China™)

GNCa™ (Geosynthetic News Canada™)

GNI™ (Geosynthetic News India™)

GNIInd™ (Geosynthetic News Indonesia™)

GNU™ (Geosynthetic News United States™)

(c) 2019 Copyright ExcelPlas Labs ? and Geosynthetic News Agency