

April 2021 Vol. 4

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

NEWSMAKERS: * 12 ICG * AGRU * Chris Lawson * COVID * ECM * Enviro Liner™ * Erizon * ExcelPlas * FGI * Geofabrics * GCCM * Geotube™ * GNA * Jabro * Kevin Legge * IGS * Layfield * Solmax * TenCate Geosynthetics

INDUSTRY NEWS

Sustainable Use of Geosynthetics in Dykes (Special Feature)

<https://www.mdpi.com/2071-1050/13/8/4445/pdf>

Protecting the Environment Through Innovative Solutions – Interview with Chris Eichelberger of AGRU

<https://compositesweekly.com/protecting-environment-innovative-solutions-interview-chris-eichelberger-agru-america/>

Uncertainty over COVID Leads to 12 ICG Being Postponed to September 2023

<https://geosyntheticsmagazine.com/2021/04/12/12-icg-postponed-to-september-2023/>

Government Grants Available for Australian Geosynthetics Manufacturers and Installers

<https://www.granthelp.com.au/research-and-development/>

Geotextiles Could Slow Glacial Melt, But at What Cost?

<https://news.climate.columbia.edu/2021/04/14/geotextiles-slow-glacial-melt-cost/>

South African Engineer Scoops Global Award

<https://www.brandsouthafrica.com/investments-immigration/business/trends/innovations/kelvin-legge>

South African Geosynthetics Guru Received Multiple Honours

Kelvin Legge elected to Honorary Fellow of South African Institution of Civil Engineering and the Geotechnical Division awarded him the South Africa Geotechnical Medal

<https://www.youtube.com/watch?v=zQMqdeGxUT4> (Kelvin's video starts at 12.47)

Walls Going Up for New Geomembrane Concrete Containment Cell for Decontaminated Salt Solution

<https://www.ans.org/news/article-2736/walls-going-up-for-new-disposal-unit-at-savannah-river-site/>

GOMEMBRANES

Double-Lined Brine Storage Pond For Natural Gas Salt Deposit Containment Reservoir

Utilizing 130K m² of 1.0 mm thick Enviro Liner 6040 Geomembrane, 65K m² of 5.6 mm Geonet, 65K m² of Non-woven Geotextile cushion

<https://www.fabricatedgeomembrane.com/>

Design and Performance of Hazardous Waste and LLRW Landfills Case Study (Presentation Slide Pack)

[https://assets.website-files.com/5977726c80d12837b9592f29/6063ca90a6a393d0be20d7ae-FGI-Webinar--20HW-20Landfills-Bonaparte-20\(Final\)-jkm-3-23-21.pdf](https://assets.website-files.com/5977726c80d12837b9592f29/6063ca90a6a393d0be20d7ae-FGI-Webinar--20HW-20Landfills-Bonaparte-20(Final)-jkm-3-23-21.pdf)

Design and Performance of Hazardous Waste and LLRW Landfills Case Study Presentation (Video)

https://www.dropbox.com/s/zqnfkpvqm4ptp5u/FGI_Webinar_Design_and_Performance_of_Hazardous_and_LLRW_Landfills_A_20-Year_Case_Study.mp4?dl=1

UPCOMING WEBINARS

Soft Site Impoundment Closures Using Geosynthetics presented by Chris Lawson from TenCate (20th April 2021)

<https://www.acigs.org/civicrm/?page=CiviCRM&q=civicrm/event/info&reset=1&id=23>

Solmax Webinar on 'Geosynthetics Solutions for Landfill Drainage' (22nd April 2021)

<https://register.gotowebinar.com/register/2576313387927371792>

Jabro Webinar on Erosion Control Mats (ECM) (28th April, 2021)

<https://app.smartsheet.com/b/form/485cbad51ca74f22b5afcdceb0bd3190>

IGS TCB Webinar on Thermal Welding of Geomembranes (29th April, 2021)

<https://www.geosyntheticssociety.org/webinar-on-thermal-welding/>

FGI Webinar: Deep Water Leak Location Surveys (7th May 2021)

<https://register.gotowebinar.com/register/8962293412524224782>

GCCM

New Sprayable GCCM for Stabilization and Lining of Steep Slopes and Culverts

<https://www.erizon.com.au/product/ecoarmour/>

GEOTUBE DEWATERING

Geotube Dewatering at Zinc Mine in Rosebury Tasmania

https://www.geofabrics.co/sites/default/files/Rosebery%20Zinc%20Mine_final.pdf

Two-Dimensional Consolidation Analysis of Geotextile Tubes Filled with Fine-Grained Material

<https://www.sciencedirect.com/science/article/abs/pii/S0266114421000388>

GEOTEXTILES

Model Tests of Geotextile in Collapse Treatment of Unstable Subgrade

<https://iopscience.iop.org/article/10.1088/1755-1315/643/1/012058/pdf>

GEOGRIDS

Shear Behaviour of Reinforced Concrete Beams Strengthened Using Geosynthetic Materials by External and Internal Confinement

<https://www.sciencedirect.com/science/article/abs/pii/S2352012421002873>

Geogrid Bridging Over Existing Shallow Flexible PVC Buried Pipe

<https://www.sciencedirect.com/science/article/abs/pii/S088677982100136X>

Laboratory Evaluation of Geogrid-Reinforced Flexible Pavements

<https://www.sciencedirect.com/science/article/pii/S2666691X21000269>

Stochastic Stability Analysis of Geosynthetic Reinforced Slopes Subjected to Harmonic Base Shaking

<https://www.sciencedirect.com/science/article/abs/pii/S2214391221000520>

Study on Long-Term Performance of Geogrid-Reinforced and Pile-Supported Embankment at Bridge Approach

<https://www.hindawi.com/journals/amse/2021/5567391/>

Numerical Analyses on Geogrid-Reinforced Cushion in Pile Supported Composite Foundation

<https://iopscience.iop.org/article/10.1088/1755-1315/719/3/032044/pdf>

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GNA – Communicate Your Message Instantly With the Entire Global Geosynthetic Community

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

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<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+ 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.

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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

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

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