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GNA - The Most Widely Read Online Geosynthetics Publication *Reaching more Players in the Geosynthetic Industry*

NEWSMAKERS: * CARPI TECH * Catfish Mini-Dredgers * ExcelPlas * Geotube™ * GSI * Huesker * IGS * Maccaferri * Microplastics * Monash Uni * PFAS * Tensar * Queens Uni

INDUSTRY NEWS

UPCOMING GEOAMERICAS 2020 ONLINE (LESS THAN 1 MONTH TO GO REGISTER NOW)

<https://www.geoamericas2020online.com/authors-papers>

Carp Tech Granted US Patent for New Method and Device for Laying Geomembrane

<https://www.freepatentsonline.com/10787782.pdf>

Moody's Withdraws Maccaferri's Credit Rating

<https://markets.businessinsider.com/news/bonds/officine-maccaferri-s-p-a-moody-s-withdraws-officine-maccaferri-s-ratings-due-to-insufficient-information-1029620451>

IGS Prepares For Kyoto Launch

<https://www.geosyntheticssociety.org/igs-prepares-for-kyoto-launch/>

Submit Your Product Listings for the 2021 Geosynthetics Specifier's Guide by Nov. 9

<https://geosyntheticsmagazine.com/2020/09/28/submit-your-product-listings-for-the-2021-geosynthetics-specifiers-guide-by-nov-9/>

PhD Position in PFAS Transport Through Lining Systems

<https://facultyvacancies.com/phd-position-in-contemporary-and-emerging-environmental-issues,i11579.html>

PhD Position in Fate of Microplastics in Landfill Leachates

<https://facultyvacancies.com/phd-position-in-contemporary-and-emerging-environmental-issues,i11579.html>

Doctoral Civil Engineering Student Earns Internationally Renowned Fellowship in

Geosynthetics

<https://www.thenewsstar.com/story/news/education/2020/09/24/la-tech-doctoral-civil-engineering-student-earns-internationally-renowned-fellowship/3523447001/>

LANDFILLS

Finite-Element Modelling of Landfills to Estimate Heat Generation, Transport, and Accumulation

In North America, temperatures nearing 100°C have been reported in several municipal solid waste landfills

[https://ascelibrary.org/doi/10.1061/\(ASCE\)GT.1943-5606.0002403](https://ascelibrary.org/doi/10.1061/(ASCE)GT.1943-5606.0002403)

Application of Satellite Remote Sensing in Monitoring Elevated Internal Temperatures of Landfills

<https://www.mdpi.com/2076-3417/10/19/6801/pdf>

Coupled Biochemical and Thermal Behaviour of Municipal Solid Waste in Landfills

<https://www.sciencedirect.com/science/article/abs/pii/S0266352X20303992>

2015 Shenzhen Catastrophic Landslide in a Construction Waste Dump: Analyses of Undrained Strength and Slope Stability

<https://link.springer.com/article/10.1007/s11440-020-01083-8>

GOMEMBRANES

Failure Analysis of Homogeneous Earthen Dam with a Geomembrane Liner

<http://www.igs.org.in:8080/portal/igc-proceedings/igc-2019-surat-proceedings/TH6/TH6-20.pdf>

GEOTEXTILES

Soil Subgrade Stabilization Using Non-woven Polypropylene Geotextile

https://link.springer.com/chapter/10.1007/978-981-15-5195-6_39

Desludging of Biosolids Ponds Made Easy with Automatic Remote-Controlled Dredgers and Passive Geotube Dewatering

<http://cloud.excelplas.com/s/vqWEHQegOBbarVO?>

Coastal Erosion Stopped by Using Geotextile Bags Filled with Solid Sediment

<https://www.betterworldsolutions.eu/coastal-erosion-stopped-by-using-geotextile-bags-filled-with-solid-sediment/>

GEOGRIDS

Geogrid Reinforced Rockfall Protection Dam (Video)

<https://www.youtube.com/watch?v=V4r7kAepPcE>

Review on Geosynthetic Inclusions for the Enhancement of Ballasted Rail Tracks

https://link.springer.com/chapter/10.1007/978-981-15-7222-7_38

Using Triaxial Tests to Determine the Shearing Strength of Geogrid-Reinforced Sand

<https://content.sciendo.com/view/journals/sgem/ahead-of-print/article-10.2478-sgem-2020-0005/article-10.2478-sgem-2020-0005.xml?rskey=igofye&result=5>

UPCOMING WEBINARS

Webinar: Surficial Slope Stability with Engineered Earth Armouring System- Part 1 (28th October)

<https://globalsynthetics.com.au/october-webinar-surficial-slope-stability-with-engineered-earth-armoring-system-part-1/>

Webinar: Cost Effective Solutions to Shallow Embankments over Soft Soils - Thursday 5th November

<http://info.tensar.co.uk/soft-soils>

Webinar: Geosynthetic Innovations for Mining Infrastructure & Safety (14 October, 2020)

<https://magazine.cim.org/en/voices/the-titan-environmental-containment-webinar-en/>

Webinar – Geosynthetics 101 by Adam Cavanaugh (15 October 2020)

<https://www.aset.ab.ca/ASET-Events>

ENVIRONMENT

Contractors to Cut CO2 by Half by Using Geosynthetics

<http://www.abg-geosynthetics.com/news/95/hs2-tells-contractors-to-cut-co2-by-half.html>

JOBS

Jaylon Seeking Geomembrane Welding Technicians for QLD

<https://moretonbayjobs.com.au/job/jaylon-pacific-pty-ltd-casual-full-time-geomembrane-technicians-trainee-technicians/>

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- 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 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

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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