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GNA – the World’s Leading Source of Geosynthetics News & Technology

2019 International Speakers Program – Geosynthetics in Transport Infrastructure
<https://www.engineersaustralia.org.au/Event/2019-international-speakers-program-geosynthetics-transport-infrastructure>

EPA Makes Revisions to the Criteria for Municipal Solid Waste Landfills To Address Advances in Liquids Management (Declassified)

<https://www.govinfo.gov/content/pkg/FR-2018-12-26/pdf/2018-27748.pdf>

Comments to be sent to: dufficy.craig@epa.gov or sager.john@epa.gov

Theiss Wins \$150M Caval Ridge Extension Project Incl. Geosynthetic Works

<https://investmentsrevolution.com/2018/12/australian-stocks/cimics-theiss-secures150m-caval-ridge-extension/>

Ertech Installing Geomembrane for Melbourne Wavepark – Get your board shorts on for Easter 2019!

<http://www.ertech.com.au/news/urbnsurf-melbourne-wave-park/>

More information contact: David.deany@ertech.com.au

Ertech Installing Geomembrane for Taylors Road Highly-Engineered Landfill (Smart Cell®)

<https://www.suez.com.au/en-AU/who-we-are/suez-in-australia-and-new-zealand/our-locations/waste-management-taylors-road>

More information contact: Sean.mcgoohan@ertech.com.au

2019 Geosynthetics Specifier Guide Published (New)

<https://geosyntheticsmagazine.com/specifiers-guide/>

Investigation of the Effect of Airgaps in Preventing Desiccation of Bentonite in Geosynthetic Clay Liners Exposed to High Temperatures (New Research)

<https://www.sciencedirect.com/science/article/abs/pii/S0266114418301109>

Large-strain Tensile Behaviour of Geomembranes with Defects using 3D Digital Image Correlation (New Research)

<https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.18.00031>

Analytical Solution for One-dimensional Contaminant Diffusion Through Unsaturated Soils Beneath Geomembranes (New Research)

<https://www.sciencedirect.com/science/article/pii/S002216941830828X>

Benefits of PVC-Elvaloy Liners for Pipe Rehabilitation

<https://www.dow.com/en-us/insights-and-innovation/product-news/thermoplastics-analysis-pvc-pipe-liners>

Gexa-Lotos to Spearhead Geosynthetics Production in Russia

<https://www.innovationintextiles.com/gexalotos-to-spearhead-geosynthetics-production-in-russia/>

Naue December 2018 NEWS

<http://naue-geokunststoffe.de/EN/naue-downloads/NAUE-NEWS-48-EN.pdf>

Integrated Photovoltaic Module Mounting System for Use with Tufted Geosynthetics (New Patent)

<https://patents.google.com/patent/US20180366600A1/en>

Investigation of Shear Strength of Interface Between Roadbase and Geosynthetics using Large-scale Single-stage and Multi-Stage Direct Shear Test

<https://www.tandfonline.com/doi/abs/10.1080/14680629.2018.1561378?journalCode=trmp20>

Performance Specification for Geogrid Reinforced Aggregate Base (Declassified)

<http://www.dot.state.mn.us/research/reports/2018/201830.pdf>

Huesker's HaTelit™ Geogrid Used in Abita Springs Haul Road to Reduce Defective Cracking

<https://qualitysitework.com/hatelit-mill-overlay-abita-springs/>

Gripple UK Introduces New Geosynthetic Solution for Slope Reinforcement and Soil Retention

<https://www.gripple.com/images/Markets/Civil%20Construction/Product%20guide/BROC-SRSR-ENG-17.pdf>

Concrete Canvas Eliminates Weeds at Rotterdam Inspection Point

<https://www.railwaygazette.com/news/infrastructure/single-view/view/concrete-canvas-eliminates-weeds-at-rotterdam-inspection-point.html>

Design and Construction Application of Concrete Canvas for Slope Protection

<https://www.sciencedirect.com/science/article/pii/S0032591018311173>

Training Video on Bonding Peel Strength for Geosynthetic Clay Liners (ASTM D6496)

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

Training Video on Fluid Loss for Mineral Component of Geosynthetic Clay Liners (ASTM D5891)

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

Training Video on Mass per Unit Area for Geosynthetic Clay Liners (ASTM D5993)

<https://www.youtube.com/watch?v=1uGBOj0-zgl>

Training Video on Xenon Arc Deterioration of Geotextiles (GRI ASTM D4355)

<https://www.youtube.com/watch?v=NO-EJmTrcqM>

India News - State Government Seeking Suggestions about How Geosynthetics could be Utilised for Infrastructural Development

<https://www.technicaltextile.net/news/tn-seeks-suggestions-on-use-of-geosynthetics-in-state-246375.html>

Damage of Geotextiles Due to Impact of Stones

<https://biblio.ugent.be/publication/8585288/file/8585290>

Impact of Wet-Dry Cycles on the Swelling Ability and Hydraulic Conductivity of a Polymer-Modified Bentonite (New)

<https://biblio.ugent.be/publication/8585285/file/8585287>

Bearing Capacity Analysis of Granular Soil with Geogrid

https://shodhgangotri.inflibnet.ac.in/bitstream/123456789/6385/1/01_synopsis.pdf

Failure Mechanisms of Geocell Walls and Junctions (New)

<https://www.sciencedirect.com/science/article/abs/pii/S0266114418301080>

Analysis of Stress-Strain Characteristics of Geogrid Reinforced Crushed Gravel (New)

<https://link.springer.com/article/10.1007/s12205-018-0943-4>

Colonization and Biodegradation of the Polymer Component of Water Absorbing Geocomposites by Soil Microorganisms

<https://www.sciencedirect.com/science/article/pii/S092913931830444X>

Advancement in Rail Track Technology Using Geosynthetic Composite Foundations for Increased Speed and Axle Loads

Evaluation of different types of geogrids, geocomposites and rubber mats installed in fully instrumented track sections

<https://ro.uow.edu.au/cgi/viewcontent.cgi?article=3074&context=eispapers1>

Experimental Evaluation on Response of Polyester Biaxial Geo-Grid proportioned Cement Concrete (New)

https://www.researchgate.net/profile/Sreekeshava_K_S/publication/.../Experimental-Evaluation-on-Response-of-Polyester-Biaxial-Geo-Grid-proportioned-Cement-Concrete.pdf

Experimental Study on the Effect of Geogrid Tensile Strength on Pullout Resistance

http://civiljournal.semnan.ac.ir/article_3359.html

Performance Study of Confinement and Geogrid Reinforcement on Behavior of Circular Footing Resting Over Sand

https://www.ijresm.com/Vol_1_2018/Vol1_Iss11_November18/IJRESM_V1_I11_141.pdf

Geosynthetic-Reinforced Cushioned Piles with Controlled Rocking for Seismic Safeguarding
<https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.18.00018>

Effective Thermal Conductivity of Unsaturated Granular Geocomposite Using Lattice Element Method
<https://link.springer.com/article/10.1007/s00231-018-02544-3>

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ExcelPlas now performs more than 120 standard geosynthetic tests in accordance with relevant ASTM, GRI and ISO standards.

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- 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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