

# January 2018 Vol. 10

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## **GNA – World’s Leading Source of Breaking News on Geosynthetics**

Your Global Source of Geosynthetic News and Technology - Current, On-topic and in Real Time !

### **Leakage through Holes in Geomembranes below Saturated Tailings**

<https://ascelibrary.org/doi/full/10.1061/%28ASCE%29GT.1943-5606.0001814>

### **GSI Hosts Webinar on Wave Management in Geomembranes**

<https://geosyntheticsmagazine.com/2018/01/31/gsi-hosts-webinar-on-wave-management-in-geomembranes/>

### **90,000 m2 of 1mm Solmax LLDPE Textured Geomembrane Used at Landfill Site**

<https://www.youtube.com/watch?v=zXbqJsbGi8k>

### **Maccaferri’s biggest geogrid basal reinforcement project ever is in Oman**

<https://www.maccaferri.com/geogrid-reinforcement-oman/>

### **Concrete Cloth™ named Top Project**

Concrete Cloth GCCM, manufactured by Milliken Infrastructure Solutions LLC and distributed by Nuna Innovations

<https://specialtyfabricsreview.com/2018/01/30/concrete-cloth-named-top-project/>

### **Grafton Regional Landfill Set for Expansion (90,000 m3 cell)**

<https://www.dailyexaminer.com.au/videos/grafon-regional-landfill-set-expansion/56270/>

### **Concrete Canvas (CC) Ditch Lining - Mirny Airport, Yakurtia, Russia**

<https://www.youtube.com/watch?v=EyA0iYDjYyQ>

### **Sewage Treatment Plants finds Cost-effective Biosolids Dewatering in Flexible and Permeable Geotextile Tubes**

[https://www.tpomag.com/editorial/2011/08/in\\_the\\_bags](https://www.tpomag.com/editorial/2011/08/in_the_bags)

### **TenCate Geotube Case Study in Dominican Republic**

Caribbean suffered major shoreline erosion from years of repeated storm surge consisting of 3+ meter waves

<https://www.tencategeotube.com/en/case-studies/marine-structures/kUSY/Barahona>

### **The Role of Safety in Geosynthetic Installations**

<https://www.esiliners.com/about/safety/>

## **A Study on Geotextile - Sand Interface Behavior Based on Direct Shear and Triaxial Compression Tests**

<https://link.springer.com/article/10.1007/s40891-017-0121-7>

## **Quantifying the non-normality of Shear Strength of Geomaterials**

<http://www.tandfonline.com/doi/abs/10.1080/19648189.2017.1421102>

## **Performance of hematite-grafted nonwoven geotextile layer for treatment of wastewater**

[https://www.researchgate.net/profile/Majedeh\\_Sayahi/publication/.../links/5a6b0fbaa6fdcc2aede720f/Performance-of-hematite-grafted-nonwoven-geotextile-layer-for-treatment-of-wastewater-in-SAT-system-a-columns-study.pdf](https://www.researchgate.net/profile/Majedeh_Sayahi/publication/.../links/5a6b0fbaa6fdcc2aede720f/Performance-of-hematite-grafted-nonwoven-geotextile-layer-for-treatment-of-wastewater-in-SAT-system-a-columns-study.pdf)

## **Geosynthetic reinforced embankment with mattress with geosynthetic reinforcement over subsoil**

<http://repo.bg.pw.edu.pl/index.php/en/r#/info.seam?id=WUT045faff3a4a64f18ba0bb6b73566264d>

## **Editor's choice: free access to the best papers selection from Geosynthetics International**

As a benefit to the geosynthetics community, ICE Publishing have arranged for free access to three papers in each volume that are identified by the Editor of the journal as major contributions to the discipline.

The three papers for 2016 are:

- Rouf, M. A., Bouazza, A., Singh, R. M., Gates, W. P. & Rowe, R. K. (2016). Water vapour adsorption and desorption in GCLs. *Geosynthetics International*, 23, No. 2, 86-99.
- Rentz, A. K., Take, W. A., Brachman, R. W. I. & Rowe, R. K. (2016). Effect of geomembrane colour and cover soil on solar-driven down-slope bentonite erosion from a GCL. *Geosynthetics International*, 23, No. 4, 257-270.
- Górnjak, J., Villard, P. & Delmas, P. (2016). Coupled discrete and finite-element modelling of geosynthetic tubes filled with granular material. *Geosynthetics International*, 23, No. 5, 362-380.

If you would like uninterrupted access to all content from Geosynthetics International, please recommend a 2017 subscription to your librarian. An institutional subscription can be arranged by emailing [sales@icepublishing.com](mailto:sales@icepublishing.com).

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Editor: Geosynthetics International

GeoEngineering Centre at Queen's-RMC

Geosynthetics International Website: <http://www.icevirtuallibrary.com/content/serial/gein>

**For Sale - Olympus TOF-D Non-Destructive Ultrasonic Test Equipment "AS NEW" for HDPE Weld Inspection - Complete System**

<http://cloud.excelplas.com/index.php/s/JbyOM0ploWDFOhO/download>

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- 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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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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