

# September 2019 Vol. 7

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## GNA - The World's Most Viewed Online Geosynthetics Bulletin

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Newsmakers \*ASTM \* ExcelPlas \* Global Synthetics \* GSI \* Kerry Rowe \* TenCate \* Yorde \* XR \*

### **Why EIA Outperforms All Other Geomembranes in Chlorine Resistance**

<https://www.xrgeomembranes.com/blog/why-eia-outperforms-all-other-geomembranes-in-chlorine-resistance>

### **Viscoplastic Modelling of HDPE Geomembrane Local Stresses and Strains**

<https://www.sciencedirect.com/science/article/abs/pii/S0266114419300949>

### **Study on Shear Strength of Geomembrane Welding Seams under Different Inflation Time and Pressure**

<https://iopscience.iop.org/article/10.1088/1755-1315/304/4/042028/pdf>

### **Research on Working Status of Impervious Geomembrane along Cracks of High Membrane-Faced Rockfill Dams**

<https://iopscience.iop.org/article/10.1088/1755-1315/304/5/052113/pdf>

### **ASTM International Releases New Standard for Electrical Leak Location in Geomembranes**

ASTM International has released a new standard, ASTM D8265-19 Standard Practices for Electrical Methods for Mapping Leaks in Installed Geomembranes. These practices describe standard procedures for using electrical methods to locate leaks in geomembranes covered with liquid or earthen materials, which can be watered to cause leakage through the geomembrane.

<https://geosyntheticsmagazine.com/2019/09/25/astm-international-releases-new-standard-for-electrical-leak-location-in-geomembranes/>

### **Australian Distributor Wanted for Yorde Low Cost Manufacturer of HDPE Concrete Protective Liners**

Tianjin Yorde Environmental Protection Science and Technology Co., Ltd main products are V-shaped anchor HDPE concrete protective liners

<https://concrete-protective-liners.com/about-yorde-china>

## **GEOSYNTHETIC LINERS - CONCERNS AND SOLUTIONS IN DIFFERENT APPLICATIONS**

<https://globalsynthetics.com.au/wp-content/uploads/2019/09/Geosynthetic-Liners-Concerns-and-Solutions-in-Different-Applications.pdf>

## **GSI to Host Webinar on Stabilization of Soil Slopes with Anchored Geosynthetics**

<https://geosyntheticsmagazine.com/2019/09/23/gsi-to-host-webinar-on-stabilization-of-soil-slopes-with-anchored-geosynthetics/>

## **Required Strength of Geosynthetics for Reinforced 3D Slopes in Cohesive Backfills with Tensile Strength Cut-off**

<https://www.sciencedirect.com/science/article/abs/pii/S0266114419300743>

## **Experimental Study on the Influence Factors of Durability of Composite Geomembrane**

<https://iopscience.iop.org/article/10.1088/1755-1315/304/5/052116/pdf>

## **GeoEngineering Seminar Series: Dr Kerry Rowe (Queen's) "Geosynthetics for Construction on Soft Foundation Soils"**

<https://www.queensu.ca/eventscalendar/calendar/events/geoengineering-seminar-series-dr-kerry-rowe-queen's-geosynthetics-construction-soft>

## **Full-Day Short Course on: The Design and Construction of Mechanically-Stabilized Earth Retaining Walls and Slopes Using Geosynthetic Reinforcement**

<https://geomeast.org/En/163/Details>

## **Application of Geomembrane-Lined, Cage-type Retaining Wall in Flood Control**

<https://iopscience.iop.org/article/10.1088/1755-1315/304/4/042009/pdf>

## **Geogrid Soil Reinforcement for High Way Subgrade Layer**

<https://journalofbabylon.com/index.php/JUBES/article/view/2488>

## **Geogrid Soil Reinforcement for Unpaved Roads Using Polyester Secugrid 200/40 R6 Aperture**

[https://www.ecsmge-2019.com/uploads/2/1/7/9/21790806/0156-ecsmge-2019\\_ferreira.pdf](https://www.ecsmge-2019.com/uploads/2/1/7/9/21790806/0156-ecsmge-2019_ferreira.pdf)

## **Compaction Behavior of Nonwoven Geotextile-Reinforced Clay**

<https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.19.00053>

## **Evaluation of Effectiveness of Geotextile in Reducing Subgrade Migration in Rigid Pavement**

<https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.19.00052>

## **Underreamed Anchor with Geotextile Bag and Its Hyperbolic Load versus Displacement Model for Capacity Prediction**

<https://iopscience.iop.org/article/10.1088/1755-1315/304/5/052077/meta>

## **TenCate Geotube Bypass Project in Philippines**

<https://www.youtube.com/watch?v=AnSBbg068CI>

### **Geocomposite Drains Release Pressure Near the Bottom of Landfills**

<https://www.scsengineers.com/landfill-pressure-release-for-landfill-drainage-layer/>

### **Soil-Geosynthetic Interface Strength Properties from Inclined Plane and Direct Shear Tests – a Comparative Analysis**

<https://www.geosyntheticssociety.org/student-award-paper-spotlight-soil-geosynthetic-interface-strength-properties-from-inclined-plane-and-direct-shear-tests-a-comparative-analysis/>

### **Short-term and Long-term Behavior of Geosynthetic-reinforced Stone Columns**

<https://www.sciencedirect.com/science/article/abs/pii/S0038080619301520>

### **Advanced Geomembrane Testing Services, Materials Testing Lab, Failure Analysis, Lifetime Prediction, Plastic Pipe Testing, and other Geomembrane Testing services**

<http://www.excelplas.com/geomembrane-testing>

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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+ 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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<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

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Any news requests should be sent to [john@excelplas.com](mailto:john@excelplas.com)

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