

# December 2019 Vol. 8

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NEWSMAKERS: \* ABG \* Concrete Canvas \* GeoAmericas \* FGI \* ELIS Tech \* Layfield \* Solmax \* Tensar \* XR5

### **Press Release - Mobile, Fully Autonomous Robot for Geomembrane Leak Detection**

<https://www.prweb.com/releases/elis-technologies-releases-mobile-fully-autonomous-robot-for-geomembrane-leak-detection/prweb16750298.htm>

### **Layfield Completes Installation of a 700,000 Square-Foot CSPE Floating Cover at the Upper Stone Canyon Reservoir**

<https://www.layfieldgroup.com/English/Environmental-Containment/About-Us/News/Layfield-Completes-installation-of-a-700000-square-foot-floating-cover.aspx>

### **White Paper on Robotic Leak Detection for Geomembranes**

<https://uploads-ssl.webflow.com/5cff66a9370a135336a66dd6/5d6672021b07762c2fb1423e-Elistech-whitePaper-web.pdf>

### **ELIS Technologies Launches Fully Autonomous Leak Detection Robot for Geomembrane Liners**

<https://www.azorobotics.com/News.aspx?newsID=11031>

### **ELECTRICAL LEAK LOCATION OF GEOMEMBRANES – AN ESSENTIAL WEAPON IN THE BATTLE FOR CONTAINMENT – THE DEATH OF LEAKS**

<https://iwmsa.co.za/sites/all/themes/corporateclean/Landfill-20Conference-20Papers/Day-201-20-20LAWTIG-20-20V-20Singh-Envitech-20Read-Only.pdf>

### **Predicting the Depletion of Antioxidants in HDPE Geomembranes Under Sunlight Using the Reciprocity Law**

<https://www.sciencedirect.com/science/article/abs/pii/S0266114419301645>

### **New 'Hyper Glue' Cross-linking Technology for Bonding Polyethylene Geomembranes**

<https://www.sciencedaily.com/releases/2019/12/191204145815.htm>

### **Are Geomembranes Impermeable?**

<https://www.xrgeomembranes.com/blog/are-geomembranes-impermeable>

**FGI CCR Short Course Addresses Current Regulations and Solutions**

<https://geosyntheticsmagazine.com/2019/12/16/fgi-ccr-short-course-addresses-current-regulations-solutions/>

**Florida Issues Landfill Construction Requirements Guidance**

<https://casetext.com/regulation/florida-administrative-code/departments-62-department-of-environmental-protection/division-62-departmental/chapter-62-701-solid-waste-management-facilities/section-62-701400-landfill-construction-requirements>

**Just Released – Provisional Programme for GeoAmericas 2020 (26-29 April 2020)**

[https://63e231a7-b7f4-46a3-9a82-f8da4467c452.filesusr.com/ugd/b1bf65\\_882428a1c9bd4a3c8c677080b148ad84.pdf](https://63e231a7-b7f4-46a3-9a82-f8da4467c452.filesusr.com/ugd/b1bf65_882428a1c9bd4a3c8c677080b148ad84.pdf)

**Design of Geomembrane-Lined Near Surface Disposal Facility**

[https://www.cnl.ca/site/media/Parent/NSDF-Layer-Slope\\_Poster.pdf](https://www.cnl.ca/site/media/Parent/NSDF-Layer-Slope_Poster.pdf)

**TensorTriAx Makes the Cut in Perth - Subgrade Stabilisation**

<https://www.tensor.co.uk/News-Events/News/ref-396-bertha-cut-perth>

**Long Term Pothole Prevention using Rotaflex Geogrid - ABG**

<http://www.abg-geosynthetics.com/long-term-pothole-prevention-using-rotaflex-geogrid.html>

**Tensor Ground Coffee 6 - T-Value a new direction for working platforms**

[https://www.youtube.com/watch?v=rbR\\_jttA51M](https://www.youtube.com/watch?v=rbR_jttA51M)

**Miners Fail to Disclose Tailings-Dam Data Nearly a year after the deadly Brumadinho collapse, a majority of mining firms have failed to disclose information about their tailings dams**

<https://www.wsj.com/articles/miners-fail-to-disclose-waste-dam-data-11576665016>

**Report Identifies Technical Causes of Brazil Tailings Dam Failure**

<https://www.waterpowermagazine.com/news/newsreport-identifies-technical-causes-of-brazil-tailings-dam-failure-7556658>

**Not All Secondary Containment Is Created Equal: Pros & Cons of Concrete Containment**

<https://www.basicconcepts.com/not-all-secondary-containment-is-created-equal-pros-cons-of-concrete-containment/>

**Geomembrane Liner with Barrier Boom Containment System**

<https://www.basicconcepts.com/secondary-containment/containment-system/#geomembrane>

**Brazilian Investigative Journalism Unveils Cracks in a Tailings' dam, Like the One that Burst a Year Ago Killing Hundreds**

<https://en.mercopress.com/2019/12/18/brazilian-investigative-journalism-unveils-cracks-in-a>

[tailings-dam-like-the-one-that-burst-a-year-ago-killing-hundreds](#)

**Geosynthetic Cementitious Composite Mats - Essential Characteristics and Properties by Will Crawford (CC)**

<http://ifai.us/geo/proceedings/2019/pdfs/1164.pdf>

**Protection of Reinforced Soil Structures using Geosynthetic Cementitious Composite Mats by Lee Church (CC)**

<http://ifai.us/geo/proceedings/2019/pdfs/1165.pdf>

**Investigation of Geosynthetic-reinforced Stone Columns Behavior**

<https://www.icevirtuallibrary.com/doi/abs/10.1680/jgeen.19.00161>

**Analyses and Design of Steep Slope with GeoBarrier System (GBS) Under Heavy Rainfall**

<https://www.sciencedirect.com/science/article/abs/pii/S0266114419301657>

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- 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.

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