Breaking News 17 Feb 2017

Author : GNA

Breaking News on Geosynthetic Reinforcement

HUESKER introduces Basetrac® as the new brand for base reinforcement
The HUESKER Group has restructured its base reinforcement products with immediate effect and will now market them under the Basetrac® brand.
The established products Fortrac® (biaxial), Fornit®, Base, Duogrid®, Comtrac®, Sefitec® and HaTe® have been brought together to form the Basetrac product family.
http://www.huesker.de/fileadmin/Pictures/Press/20170214_Basetrac__2_.jpg

New Geosynthetic Base Reinforcement Calculator from Huesker (Free)
Using the newly developed and specially tailored BaseCalculator web application, with just a few clicks the client can calculate the base course thickness and select the most suitable product to match the condition of the soil and application type. The BaseCalculator is available for free online:
http://www.huesker.de/services/software/basecalculator.html

Prof. Richard Bathurst presents "Lesson Learned from Full-scale Model MSE Wall Tests at RMC"
http://events.r20.constantcontact.com/register/event?llr=xfl8oepab&oeidk=a07edt0csl1da171c1c
Presentation Abstract:
A long-term research program was carried out at the Royal Military College of Canada (RMC) between 1998 and 2011 with the objective to gather quantitative data on the behavior of MSE walls under carefully controlled (laboratory) conditions. The research program was funded by a consortium of 12 USA Departments of Transportation together with Canadian funding agencies. Fourteen heavily instrumented 3.6 m-high, full-scale reinforced soil walls were constructed with geogrid and welded wire reinforcement layers. Instrumentation included strain gauges and extensometers attached to reinforcement layers, connection load cells, horizontal and vertical toe load cells, earth pressure cells and displacement measuring devices at the wall face and at the backfill surface. For the hard-face walls more than 300 separate instruments were sampled simultaneously during construction and post-construction. Eleven walls were constructed with the same sand backfill material and were uniform surcharge loaded in stages to load levels well beyond working stress levels. Each wall was designed to isolate the influence of one of the following factors on wall performance: wall facing type, wall batter angle, reinforcement type, stiffness and spacing (number of layers). This talk describes the experimental design, examples of measured data, how the data have been used to verify numerical models and to guide the development of reinforcement stiffness-based design methods for internal stability design of MSE wall systems.

Training Lecture: Geosynthetic Reinforced Embankments on Soft Foundations (Monday, March 13: 2 – 3:30pm)

"Soil reinforcement with geosynthetics is often the economical solution, and some projects cannot be constructed without geosynthetics."
Instructor: Robert D. Holtz, University of Washington
The design and construction of embankments on very soft foundations is one of most challenging geotechnical problems.
Without some type of foundation soil improvement, failures are common especially on very soft sites.
Soil reinforcement with geosynthetics is often the economical solution, and some projects cannot be constructed without geosynthetics.
The course begins with a brief overview of conventional treatments for soft ground construction.
Some early case histories, mostly failures, are described that provided valuable design lessons and concepts that we use today.
Then analysis and design procedures are outlined, along with selection of the required properties for the geosynthetic reinforcement and embankment soils.
Sample specifications, cost considerations, inspections are also described.
Because proper construction is so critically important for success, a detailed discussion of construction procedures completes the course.
http://geotechnicalfrontiers.com/program/special-events/

Husker New Video on Basetrac® Base Reinforcement (Video)
https://www.youtube.com/watch?v=teoDVAVqcYE

4th World Landslide Forum (WLF4) to be held in Ljubljana, Slovenia from May 29 to June 2, 2017
The Forum has attracted so far more than 300 registered participants from 45 countries.
http://www.wlf4.org

Register for One-day Workshop "Geosynthetics for Slope Stabilization"
The Italian Chapter AGI-IGS of the International Geosynthetics Society (IGS) will run an one-day workshop for all interested experts and also for the IGS members on June 1, 2017, organised by Daniele Cazzuffi (IGS Past President, CESI SpA, Milano, Italy) and Sabatino Cuomo (University of Salerno, Italy).
http://www.wlf4.org/registration/

See More GNA Geosynthetic News at Our Dedicated Website:
http://www.geosyntheticnews.com.au/

This Newsletter is brought to you by Excelplas Labs, ? **Australia's Largest group of Geosynthetics Testing Labs.**
http://www.excelplas.com/

ExcelPlas Geosynthetic Labs ? **are a Corporate Member of the IGS (International Geosynthetics Society)**
http://www.geosyntheticssociety.org/

Geosynthetic News Alerts (GNA) is the most current and comprehensive source of news on

Geomembranes and other Geosynthetics;

GNA is currently sent to over 7500 Geosynthetic Industry Members Globally every week.

Any news or subscription requests should be sent to john@excelplas.com

GNA™ (Geosynthetic News Alerts™)
GBN™ (Geosynthetic Breaking News™)
GNAu™ (Geosynthetic News Australia™)
GNAf (Geosynthetic News Africa™)
GNB™ (Geosynthetic News Brazil™)
GNC™ (Geosynthetic News China™)
GNCa™ (Geosynthetic News Canada™)
GNI™ (Geosynthetic News India™)
GNInd™ (Geosynthetic News Indonesia™)
GNIs™ (Geosynthetic News Israel™)
GNK™ (Geosynthetic News Korea™)
GNM™ (Geosynthetic News Middle East™)
GNU™ (Geosynthetic News United States™)

2017 Copyright ExcelPlas Labs ? and Geosynthetic News Agency