

PROPEX AND GLOBAL SYNTHETICS PRESENT

ENGINEERED EARTH ARMOURING SEMINAR

High Performance Turf Reinforcement Mats and Anchoring Systems

*Seminar Venues are located in **SYDNEY, MELBOURNE, ADELAIDE, PERTH & BRISBANE***

Seminar Dates are in mid November 2017 and are free to attend

INNOVATION IN ENGINEERING SERIES

The use of high tensile strength and extremely durable geosynthetic High Performance Turf Reinforcement Mats (HPTRM) has been accepted for use throughout the world. They are a proven, permanent replacement, for traditional hard armour erosion treatments such as rip rap, rock wire mattress, concrete lining and concrete block revetments. Slope protection is enhanced with the use of such products.

The product is used to minimise slope erosion and can be used in combination with ground anchors to provide increased slope stability.

The design approach is well documented by world recognised authorities and will allow the engineer to make informed engineering decisions for the use of high performance turf reinforcement blankets to protect channels and slopes, minimise erosion and protect the asset.

Australia provides minimal guidance in such techniques and this seminar will provide the tools and information necessary to design and construct cost efficient and economically sustainable solutions across a range of hydraulic and slope stabilisation treatments.

Register Early To Reserve Your Place

There Is No Cost To Attend Other Than Your Involvement

Engineers Australia Members can choose to record CPD hours for attendance at this event in their personal CPD logs. Members should refer to Engineers Australia CPD Policy for requirements and conditions. www.engineersaustralia.org.au



BEFORE



AFTER

See inside for full details on course content, dates, venue & costs



KEY LEARNING OBJECTIVES

- An introduction to the manufacturing processes and the comprehensive research undertaken to justify performance.
- Design theory using HEC 15 US Federal Highways Department-Design of Flexible Waterways.
- Design theory of slope stabilisation and treatment options.
- Use and understanding of Propex proprietary software for the design of slopes and channels.

Learn From the Industry Leader – Propex USA



Scott Manning, P.E.
DIRECTOR OF SALES AND ENGINEERED SYSTEMS

Scott Manning is a registered Professional Engineer in multiple USA states with 20 years of industry experience. He currently serves as the Director of Sales and Engineered Systems at Propex. Scott holds two Bachelors of Science degrees from the University of Tennessee in Environmental Science and in Geotechnical Engineering. Scott started his professional career as a consultant at Law Engineering. He later joined ARCADIS as a staff engineer where he eventually became the Division Manager for the Geotechnical, Dam Safety and Levee Group. At ARCADIS Scott managed multiple engineering teams and led the group's efforts in research and field work on various projects including levee inspections, embankment dam stability analysis, seepage repair, coal combustion residuals, rockslide stabilisation and probable failure mode analysis. While at Propex, Scott has played a key role in pioneering development of various engineered products, including the ARMORMAX® system. He has developed specifications, installation guidelines and product applications. Scott's extensive knowledge of the engineering and geotextile industry help him lead a nationwide sales force and an engineering team focused on providing erosion control and geosynthetic solutions.



Drew Loizeaux, P.E.
ENGINEERING SERVICES MANAGER

Drew Loizeaux graduated at the University of Tennessee, Chattanooga with a bachelor's of science in Civil Engineering. Loizeaux's career started at Propex as a Civil Applications Engineer, progressing to the Erosion Control Engineering Specialist, and is currently the Engineering Services Manager. Furthering education, Loizeaux completed a Master's degree in Civil Engineering publishing a thesis, titled "A Quantified Approach to the Functional Longevity of Geosynthetic Rolled Erosion Control Products (GRECPs)," which developed a process to determine the design life of High Performance Turf Reinforcement Mats (HPTM). Most recently, Loizeaux lead the redesign and improvements of Propex's erosion control web design application, EC Design®. Loizeaux is a licensed engineer in the state of Tennessee and manages Propex's Engineering Services department to lead the industry in slope stability analysis and design, erosion control analysis and design, as well as testing and field support for erosion control and geosynthetic solutions.

Free Registration - Reserve Your Place Now



ENGINEERED EARTH ARMOURING SEMINAR – LOCATIONS

VENUE	DATE	SEMINAR LOCATION
Sydney	Friday 10/11/2017	Engineers Australia, NSW, Auditorium 3/8 Thomas St Chatswood 2067
Melbourne	Monday 13/11/2017	Engineers Australia, Victoria, Discovery Hub Level 31, 600 Bourke St, Melbourne 3000
Adelaide	Wednesday 15/11/2017	Engineers Australia, SA, Rob Chapman Theatre 108 King William St, Adelaide 5000
Perth	Friday 17/11/2017	Engineers Australia, Perth, Auditorium 712 Murray St Perth 6005
Brisbane	Monday 20/11/2017	Engineers Australia, Brisbane, Hawken Auditorium 447 Upper Edward St, Spring Hill 4000

ENGINEERED EARTH ARMOURING SEMINAR- PROGRAMME

TIME	ACTIVITY	SPEAKER
09.00 – 09.20	Registration and welcome coffee	N/A
09.20 – 09.35	Introduction	Ron Sutton
09.35 – 10.05	Company and Product History	Scott Manning
10.05 – 11.05	Channel and Slope Erosion Analysis	Drew Loizeaux
11.05 – 11.20	Coffee Break	
11.20 – 12.20	Slope Stability Design, theory and practice	Scott Manning
12.20 – 12.40	Questions and Discussion	Group
12.40 – 14.00	Lunch and Informal Discussion	Group

Free Registration - Reserve Your Place Now – See Overleaf





2 EASY WAYS TO REGISTER

1. Visit **www.globalsynthetics.com.au** and complete the registration form.

OR

2. Complete the form below and fax to: Global Synthetics Fax No.: (02) 97254304

Company: _____

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Position: _____

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Fax: _____

Email: _____

3) Delegate Name: _____

Position: _____

Telephone: _____

Fax: _____

Email: _____

Please tick which seminar you will be attending:

☐ **SYDNEY**

☐ **MELBOURNE**

☐ **ADELAIDE**

☐ **PERTH**

☐ **BRISBANE**

Global Synthetics Pty Ltd reserves the right to decline a registration at any time and for any reason. Spaces are limited and as such we cannot ensure that all registrations will be accepted however we will notify all parties if we cannot place them in the seminar at the time of their application.

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