



geosyntheticssociety.org

The Australian Chapter of the International Geosynthetic Society (ACIGS) presents a seminar on:

Geosynthetic Filtration & Failures

We invite you to attend an educational seminar with “the father of geosynthetics” - Dr. JP Giroud.

SEMINAR OVERVIEW

The seminar will cover two aspects of geosynthetics and is aimed at providing the design professional with an overview of the key aspects to consider when designing with geosynthetics.

1. Filtration is one of the fundamental functions of geosynthetics – but the least understood. A proper understanding of design methods will help the design engineer prevent clogging of the geotextile or piping of soils in dam design, revetments, sub-surface drainage etc.
2. Learning from failures of structures incorporating geosynthetics is a powerful educational tool - and Dr JP Giroud will speak about the lessons learned from the failures in several areas of applications of geosynthetics.

DR JP GIROUD

Dr. Giroud is a pioneer in the field of geosynthetics. In 1970, he designed the first use of a geotextile filter in an earth dam. In 1977, he coined the words “geotextile” and “geomembrane”, thus starting the geo-terminology used today. He was instrumental in the formation of the International Geosynthetics Society (IGS), of which he was President until 1990. He is a member of the US National Academy of Engineering.

Dr. Giroud has developed many of the design methods used in geosynthetics engineering and he has been involved in the design or performance analysis of hundreds of structures incorporating geosynthetics. Dr Giroud is recognized as an expert in the analysis and remediation of failures of geotechnical structures incorporating geosynthetics.

In 1994, the IGS named its highest award “The Giroud Lecture” “in recognition of his invaluable contributions to the technical advancement of the geosynthetics discipline”. In 2002, he became Honorary Member of the IGS with the citation “Dr. Giroud is truly the father of the IGS and the geosynthetics industry”. In 2005, Dr. Giroud was elevated to the status of “hero” of the Geo-Institute of the American Society of Civil Engineers (ASCE) and, in 2008, he presented the Terzaghi Lecture, the highest award bestowed on a geotechnical engineer by the ASCE.

GUEST SPEAKERS

Brisbane	26 Oct	Burt Look & Matthew Boyer Lalith Welikala & Jason Jones	SKM Queensland TMR
Sydney	29 Oct	Professor Malek Bouazza Mike Sadlier	Monash University Geosynthetic Consultants
Melbourne	31 Oct	Professor Malek Bouazza Fred Gassner	Monash University Golder Associates
Perth	2 Nov	Allan Garrard	SMEC

DATES & VENUES

BRISBANE:

Fri 26 October, 2012
Mecure Brisbane
85–87 North Quay
Brisbane QLD 4003

SYDNEY:

Mon 29 October, 2012
Engineers Australia
Level 3, 8 Thomas Street
Chatswood NSW 2067

MELBOURNE:

Wed 31 October, 2012
Novotel St Kilda
16 Esplanade
St Kilda VIC 3182

PERTH:

Fri 2 November, 2012
Novotel Perth
221 Adelaide Terrace
Perth WA 6000

WHO SHOULD ATTEND

Consulting Engineers
Design Engineers
Project Engineers
Contractors or Installers
Geotechnical Engineers
Government Engineers

REGISTRATION FEE

Students: Free
ACIGS members: Free
Others: \$75.00

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PROGRAM

Time	Presentation	Speaker
8:15	Registration	
8:45 - 9:00	Welcome & Introduction	W Hornsey
9:00 - 10:40	Filter criteria and geotextile filter design	Dr JP Giroud
10:40 - 11:00	Morning tea	
11:00 - 11:45	Geotextile test methods in Australia	W Hornsey
11:45 - 12:15	Guest speaker #1	
12:15 - 13:00	Lunch	
13:00 - 15:00	Failures of structures incorporating geosynthetics and lessons learned, Part 1.	Dr JP Giroud
15:00 - 15:15	Afternoon Tea	
15:15 - 16:00	Failures of structures incorporating geosynthetics and lessons learned, Part 2.	Dr JP Giroud
16:00 - 16:45	Guest Speaker #2	

CONTINUING PROFESSIONAL DEVELOPMENT (CPD)

This seminar series is worth at least 4.5 hours CPD. Registered attendees will receive a Certificate of Attendance after the seminar for their records.

CONFIRMATION

A confirmation will be emailed prior to the seminar confirming your registration and attendance.

HOURS

The seminar hours are 8:45am to 4:45pm. Registration begins at 8:15am and the introduction will begin at 8:45am.

MATERIALS & NAME TAGS

Seminar material and name tags will be distributed when you check in.

MEALS & REFRESHMENTS

Lunch will be provided and refreshments available during the breaks.

REGISTER

To register please fill in registration form and email to: acigss@gmail.com
For questions or more information contact: Warren Hornsey at w.hornsey@geofabrics.com.au

REGISTRATION

Name: _____

Company: _____ Position: _____

Address: _____

State: _____ Postcode: _____

Telephone: _____ Email: _____

Please tick which seminar you will be attending: Brisbane Sydney Melbourne Perth

Registration Fee: Student (free) ACIGS member (free) Non-member (\$75.00)

Dietary Requirements: _____

Method of Payment: E.F.T: Account Name: Geosynthetics Interest Group - BSB: 063 142 - Account Number: 10213604

or Cheque: Made out to: **Geosynthetics Interest Group** - and send to:
Geofabrics Australasia Pty Ltd
Att: Dijana Stangolev
83-93 Canterbury Road, Braeside, Vic 3195