

10 and 11 November 2009 • Radisson BLU Hotel, Dubai / UAE

2ND INTERNATIONAL CONFERENCE

Geosynthetics Middle East

Waterproofing Systems and Reinforced Structures



**Early bird offer:
650 EUR only**

Organised by



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This conference on geosynthetics will bring together geotechnical and environmental engineers, designers, consultants, manufacturers, distributors, researchers and environmental agencies. This event with accompanying exhibition provides a highly attractive international meeting point for exchange of experience and knowledge regarding geosynthetic materials, research and design, engineering constructions, case histories and field experience.

The key topics of this conference will be devoted to geoenvironmental and geotechnical projects such as the lining of reservoirs, ponds, tunnels, landfills as well as construction of retaining walls and marine structures in the Middle East.

The conference is jointly organized by SKZ, Germany and BMC Gulf, UAE and provides a podium for new interesting cooperations for future success.

Visit www.skz.de for future updates

5 reasons to attend

- find out about the new developments in Geosynthetics and Waterproofing Systems
- network with leading experts and manufacturers
- get an up-to-date view on the latest trends and applications
- learn how to choose the right material
- create new business opportunities and share industry experience

Short Information

2nd International Conference	Geosynthetics Middle East Waterproofing Systems and Reinforced Structures
Venue	Radisson BLU Hotel, Dubai Deira Creek, Baniyas Road P.O. Box 476, Dubai, UAE Tel.: +971 4 222 7171 Fax: +971 4 223 7615
Organiser	SKZ - ConSem GmbH Frankfurter Str. 15 - 17 D-97082 Würzburg
Date	10 and 11 November 2009
Conference Manager	Irina Bender, SKZ, Germany Tel. +49 931 4104-436 e-mail: i.bender@skz.de

We recommend

post-conference workshop:

"Locating Leak Damage in Geomembrane Liners (Soil-Covered, Water-Covered, and Exposed), its Causes, and Maximum Allowable Leak Flow Rates, above which Damage must be Found and Repaired."

Thursday, 12 November 2009 in Dubai

- 08:00 **Registration and welcome coffee**
- 09:30 **Opening announcements**
- 09:50 **KEYNOTE LECTURE**
IAN D. PEGGS, I-Corp International Inc., USA
Thoughts on determining time to end-of-life (EOL) of installed exposed HDPE geomembrane liners
- 10:30 **DETLEF SCHRAMM,**
DOW Europe GmbH, Switzerland
Geomembranes - a Global Overview of Products and Applications
- 11:00 **Coffee break**
- 11:30 **CARL DE LEON,**
Solmax International Inc., Canada
Case study for a harsh condition membrane used on a large petrochemical project in the Middle East under high temperature petroleum fluid tanks
- 12:00 **CATRIN TARNOWSKI,**
GSE Lining Technology GmbH, Germany
Durability of Geomembranes
- 12:30 **FOUAD ASHKAR,**
BMC Gulf Trading & Contracting L.L.C., UAE
Application of Geosynthetics in GCC Countries
- 13:00 **Lunch**
- 14:30 **ROLAND VON AH,**
Leister Process Technologies, Switzerland
Welding parameters and their importance for the quality of the weld
- 15:00 **SILKE SCHWÖBKEN,**
SENSOR spol. sro., Slovakia
Damage detection systems in sealing systems
- 15:30 **STEFAN BALDAUF,**
GSE Lining Technology GmbH, Germany
Barrier solutions with coextruded coloured geomembranes - innovations in terms of installation and quality control
- 16:00 **Coffee break**
- 16:30 **ROBERT DENIS,**
Solmax International Inc., Canada
Design algorithm for the puncture resistance of PVC geomembranes
- 17:00 **MOHAMMAD REZA ASHKBUSI,**
Manasanat, Iran
Geotextile tube systems in breakwater construction
- 17:30 **CRISTIANO SCARILLI,** EDILFLOOR SpA, Italy,
Nonwoven geotextiles in landfill applications

18:00 IAN D. PEGGS,
I-Corp International Inc., USA

Exposed geomembrane landfill caps and solar collectors for power generation

18:30 **Discussion followed by**

19:00 **Cocktail reception**

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20:30 **End of the first conference day**

Programme Chair



Dipl.-Ing. Helmut Zanzinger
SKZ, Germany

- 1988: geotechnical engineer at University of Karlsruhe, Germany
- until 2002: LGA Geotechnical Institute, Nuremberg, Germany
- since 2002: SKZ, Würzburg, Germany
- for over 20 years involved in geosynthetics: research on geopipes, GCLs, drainage geocomposites, geogrids, geomembranes and geotextiles
- head of SKZ's geosynthetic business: testing, inspection and certification
- actively involved in CEN and ISO standardization of geosynthetics
- more than 85 publications

Conference Chair



Reda Ashkar
(MBA, BA/CS)
General Manager,
BMC Gulf LLC Dubai,
UAE

- 1991: Assist. Production In-charge Geosynthetics Division at Chemie Linz AG, Austria
- since then he developed a strong personal interest in Geosynthetics and acquired a vast knowledge in manufacturing processes, application areas, installation techniques, testing & quality control procedures of various types of Thermoplastics
- since 1999 has supported the work of BMC Gulf LLC, in becoming one of the most important players in the Geosynthetics market of the GCC and Middle East regions
- member of the IGS – International Geosynthetics Society
- Certified Welding Specialist from the SKZ Institute in Germany

Keynote Speaker



Dr. Ian D. Peggs
I-Copr.
International Inc.,
USA

- active for over 25 years as a materials science/engineering consultant in the geosynthetics industry with clients in over 40 countries
- specializes in construction quality assurance, educational workshops, geomembrane materials performance, non-destructive testing, leak location surveys, forensic analysis, and expert witness work
- developed nondestructive methods for measuring weld bond strength
- initiated the geosynthetics industry technical resource web site www.geosynthetica.net
- 1994 he was presented with an International Geosynthetics Society Special Award for his work on the influence of microstructure on the performance of geomembranes

09:00 DIMITER ALEXIEW,
HARTMUT HANGEN,
Huesker Synthetic GmbH, Germany

Geogrid reinforced bridge abutments

09:30 IVICA DUZIC,
Colbond GmbH & Co. KG, Germany

Soundcontrol with multifunctional geosynthetics

10:00 NIGEL WRIGLEY,
NewGrids Ltd., UK

A comparison of the index properties of different integral geogrids

10:30 **Coffee break**

11:00 ROMAIN DIEDERICH,
DuPont de Nemours S.à.r.l., Luxembourg

Stress strain parameters of geosynthetics to consider in construction works

11:30 G L SIVAKUMAR BABU,
PREETI KAYSHYAP,
SANDEEP K CHOUSKEY,
Indian Institute of Science, India

Studies on coir geotextiles as drainage medium in soft ground improvement

12:00 AHMED AL-OBAIDI,
SARAB S. TAWFEEQ,
College of Engineering - University Tikrit, Iraq

Improvement of gypseous soils using different types of geosynthetic materials

12:30 **Lunch**

13:30 DIMITER ALEXIEW,
Huesker Synthetic GmbH, Germany
CHRISTIAN MOORMANN,
Smolczyk & Partner GmbH, Germany

Optimized geosynthetic solutions for a large stock yard on soft soils

14:30 JIMMY THOMAS,
Techfab Industries Ltd., India

A 15 m high geogrid reinforced soil retaining wall with welded wire mesh facing to retain the approaches to a flyover

15:00 KAZEM FAKHARIAN,
ARASH NAYERI,
Amirkabir University of Technology, Iran

Pullout behaviour of geogrids embedded in alluvial soils as construction materials

15:30 **Closing remarks / End of Conference**

subject to alterations

Confirmed Table Top Exhibitors



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Title: _____

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Registration and Information

SKZ - ConSem GmbH

✉ Frankfurter Straße 15 - 17, D-97082 Würzburg

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🌐 Internet: <http://www.skz.de/shop>

E-Mail: anmeldung@skz.de

stating the following data

- Event
- First name and last name
- Company or private address

Registration Fee

840 EUR

Early bird discount

650 EUR

if you register before 31 August 2009

Payment details

All payments must be made before the event. Payments not received in advance must be settled at the door. Please use the enclosed registration form or **register online: www.skz.de/shop**

Services

Conference handout incl. CD

Lunch, refreshment breaks, Cocktail reception

Table top exhibition

Table top exhibition space is available for 1.600 EUR and includes one table or stand and two chairs, as well as one free delegate place. For more information please contact the conference manager Mrs. Irina Bender: i.bender@skz.de

Venue and Accommodation

www.radissonblu.com/hotel-dubaideiracreek

Cancellations

A cancellation fee of 10 % will be charged for cancellations received in writing one week before the event. For later cancellations the full price will be invoiced. The list of participants will be created one week before the event. We regret that late registrations cannot be considered. Delegates may be substituted at any time.

SKZ-Complete programme

www.skz.de

subject to alterations

I herewith register firmly for the following event:

Event: **Geosynthetics Middle East**

Date: 10 and 11 November 2009

Venue: Dubai

Delegate fee total of

840 EUR regular fee

650 EUR if you register before 31 August 2009

1600 EUR Table Top Exhibition

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