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بلدية مدينة أبوظبي
MUNICIPALITY OF ABU DHABI CITY



25 – 26 OCTOBER 2011

HOTEL PARK ROTANA, ABU DHABI

4th International Conference
GEOSYNTHETICS
MIDDLE EAST 2011



geosyntheticsme.com

Platinum sponsor



SHAPING the FUTURE with PLASTICS

Creating sustainable cities and
infrastructure using polymeric
construction products

Organized by



In cooperation with



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German Emirati Joint Council
for Industry and Commerce
المجلس الألماني الإماراتي
المشترك للصناعة والتجارة



Attracting over 300 delegates from 25 countries in 2010, the conference has turned out to be the leading event on geosynthetics throughout the Middle East and marked Abu Dhabi on the world map as an excellent meeting place for geotechnical and environment specialists to exchange knowledge, conduct business and build strategic partnerships.

By sponsoring the 4th edition of Middle East's largest geosynthetics event, the Municipality of Abu Dhabi City has once again proved its real commitment to a sustainable and environment friendly infrastructure in line with the 2030 vision of the United Arab Emirates.

This year the conference will focus on the region's infrastructure projects. Key industry experts will present applications & case studies on geosynthetics used in: Railways, Roads, Airports, Seaports, Bridges, Tunnels, Landfills, Environmental Protection and other related topics.

The conference will be associated with a technical exhibition, where national and international companies are showcasing their products and services in: Geosynthetics, Geotextiles, Geomembranes, Waterproofing Membranes, Geosynthetic Clay Liners (GCL), Geogrids, Geonets, Geocomposites, Geofoam, Geocells, Geopipes, Water Management Systems, Leachate Collection Systems, Irrigation Solutions, Erosion Controls and many more.

The city of Abu Dhabi

A flourishing modern metropolis with a rich cultural background

Abu Dhabi is the capital of the United Arab Emirates and the largest of the seven emirates. The city lies on a T-shaped island with its futuristic skyscrapers rising from the desert coast of the Arabian Gulf. Among the modern island city there are remains of an older and more cultural society. The city's origin reflects its true prestige, as it was a major hub for the pearl industry before it had discovered its rich reserves of oil.



- 8:30 **Registration and welcome coffee**
- 10:00 **Conference Opening Ceremony**
 REDA ASHKAR, Conference Chairman,
 SKZ Middle East & North Africa, UAE
 HARALD HUBERTH, Managing Director, SKZ, Germany
- 10:30 **Keynote Lecture**
Sustainable development of Infrastructure Projects using Geosynthetics
 H.E. Eng. ABDULLA S. AL SHAMSI,
 Executive Director of Infrastructure and Municipal Assets,
 Municipality of Abu Dhabi City, UAE
- 10:50 **GCC Countries Macroeconomy**
 · Current status and forecast up to 2016
 · Analysis of the Infrastructure Projects in the region
 · Highlights of the Key infrastructure Projects
 BEN D'SOUZA, BNC Network, UAE
- 11:20 **Geosynthetics Applications for a sustainable Waste Water Industry**
 ALAN THOMSON, General Manager,
 Abu Dhabi Sewerage Services Company (ADSSC), UAE
- 11:50 **Networking Coffee-Break**
- 12:30 **Case Study**
Leakages and their solutions in Tunnel Waterproofing Systems
 Dipl.-Ing. FOUAD ASHKAR, BMC Gulf Contracting LLC, UAE
- 13:00 **Quality Control and Rehabilitation of Railway Tracks using multi-functional geosynthetic products**
 JÖRG KLOMPMAKER, BBG,
 Bauberatung Geokunststoffe, Germany
- 13:30 **Experimental research results concerning a Railway Embankment reinforced with geosynthetics**
 L. TALOS, R.I. CHIRICA, Geostud Company, Romania
- 14:00 **Networking lunch**
- 15:30 Municipality of Abu Dhabi City, UAE
- 16:00 **Geotextiles: Sustainable building products that make roads last longer and conserve construction materials**
 MARK MARIENFELD, Mattex Geosynthetics, USA
- 16:30 **Networking Coffee-Break**
- 17:00 **The Innovative Applications of Geotextile Tube in River and Marine Engineering**
 PHILIP R. LONSDALE, JEAN WEI (Co-Author),
 ACE Geosynthetics Enterprise Co. Ltd., Taiwan
- 17:30 **Reinforced Soil Earth Retention Solutions for Infrastructure Development**
 JIMMY THOMAS, Techfab Industries, India
- 18:00 **GSME 2011 Gala Dinner**
 Sponsored by Mattex Geosynthetics
- 20:30 End of the first conference day

Wednesday, 26th October 2011

9:00 **Registration and welcome coffee**

9:50 **Chairmans Review**
REDA ASHKAR, Conference Chairman,
SKZ Middle East & North Africa, UAE

10:00 **High performance Multimodal PE products for Geomembranes**
PETER MALMROS, Borouge Pte Ltd, Singapore

10:30 **Thought on unusual Transverse Cracking of windblown and wave-generated HDPE geomembrane wrinkles in a Wastewater Irrigation Pond**
DR. IAN D. PEGGS, I-CORP INTERNATIONAL Inc., USA

11:00 **Structured Wall Pipes and underground installed boxes selective criteria for two examples of geotextile-related products in Modern Drainage Systems**
NORBERT SCHULER, Fränkische Rohrwerke
Gebr. Kirchner GmbH & Co. KG, Germany

11:30 **Networking Coffee break**

12:15 **Case Study**
Brine Pond „Teutschenthal“ – Liner System Performance and Service Life Expectation after 13 years in service
DETLEF SCHRAMM, DOW Europe GmbH, Switzerland
CATRIN TARNOWSKI, GSE Lining Technology GmbH, Germany

13:00 **Constraints and Barriers to the Application of Geosynthetics**
JAMIL RAJA, Loughborough University, UK

13:30 **Pavement Construction over saturated subgrades**
KHALID MECCAI, ALYAF INDUSTRIAL Co. Ltd., Saudi Arabia

14:00 **Networking lunch**

15:30 **Reinforced Earth Wall Designing – Eurocode 7 applied on the large project “Mediterranean Bypass” in Marocco**
ALAIN HÉRAULT, Colbond Geosynthetics
SABIHI ABDELHAK, Arab Contractors-Houar-Elhaggi-Irn-Seprob
CHAKIB EL IRAKI, Valtech

16:00 **Experimental evaluation of the Biological Clogging of Drainage Geocomposite at the bottom of landfill**
YVES DURKHEIM, AFITEX, France

16:30 **Networking Coffee-Break**

17:00 **Hydraulic Performance of a partially hydrated Geosynthetics Clay Liner (GCL) with diesel oil and polymer treatment proposal**
D. TONCELLI, S. PUMA, A. DOMINIJANNI, M. MANASSERO,
LAVIOSA CHIMICA MINERARIA S.p.A.; Italy

17:30 **Social Media Marketing for a Modern Geosynthetics World**
STEVE JOHNSON, SAJE Pte Ltd, Singapore

18:00 Closing Remarks and End of Conference

Subject to alterations



Conference Chairman:

Reda Ashkar (MBA, BA/CS)
SKZ Middle East & North Africa, UAE

Mr. Ashkar's first involvement with Geosynthetic & Thermoplastics dates back to 1991, when he first joined the Geotextiles Division of Chemie Linz AG in Austria. With over 20 years of experience in the geosynthetics industry he acquired a vast knowledge in manufacturing processes, application areas, installation techniques and quality control procedures.



Park Rotana - Abu Dhabi

Integrated in the contemporary mixed use business and residential complex, the 5-star Park Rotana Abu Dhabi provides combination of deluxe accommodation, diverse culinary experiences with signature dining venues, state-of-the-art meeting and recreational facilities. Designed in a vibrant modern style and conveniently located around major Abu Dhabi's landmarks, the property is an ideal address for business travelers and city breaks.



REGISTRATION/ CREDIT CARD PAYMENT FORM

Please fax back to: +49 931 4104 227

(for security reasons please fax and do not e-mail your credit card information)

I herewith register firmly for the following event:

4th International Conference

GEOSYNTHETICS MIDDLE EAST 2011



Creating sustainable cities and infrastructure using polymeric construction products

Company:

Address:

Country:

Department:

Mrs. Mr. Title:

Last name: First name:

Phone: Fax:

E-Mail:

Mrs. Mr. Title:

Last name: First name:

Phone: Fax:

E-Mail:

Mrs. Mr. Title:

Last name: First name:

Phone: Fax:

E-Mail:

Registration fee total of (all prices include VAT)

- 850 EUR for one delegate
 - 1.300 EUR for two delegates*
 - 1.650 EUR for three delegates*
 - 680 EUR for government, consultants
- * from the same company
- I/we will attend the **Gala Dinner** on 25th Oct. 2011

please invoice me

please charge to my credit card

Visa Card No:

Euro / Master Card No.:

Credit card holder:

Expiry date (MM/JJ): .. / ..

Credit card security number:

(last three digits on the back side of the credit card)

Please always quote the credit card security number by credit card payments. Registration is not possible without this number!
(for security reasons please fax and do not e-mail your credit card information)

Date Signature

Registration and information

SKZ – ConSem GmbH
Frankfurter Straße 15 - 17, D-97082 Würzburg, Germany
T. +49 931 4104-164 | F. +49 931 4104-227
www.geosyntheticsme.com | register@skz.de

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. Late registrations will not be included into participants list.

Services

Conference proceedings incl. CD, Lunch, refreshment breaks, reception

Table top exhibition

Table top exhibition space is available and includes one table or stand and two chairs, as well as two free delegate places. **Exhibition space is limited!** For more information please contact the Conference Director

Mrs. Irina Bender (SKZ, Germany):
i.bender@skz.de | T. +49 931 4104-436

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.

Location

Park Rotana Abu Dhabi T. +971 2 449 9525
Al Salam Street, F. +971 2 657 3108
Behind Khalifa Park, E. sales.abudhabi@rotana.com
Abu Dhabi, UAE www.rotana.com
Special room rates (from 650 AED plus VAT.)

Conference Chairman

Reda Ashkar, SKZ Middle East & North Africa, UAE

For future updates visit www.geosyntheticsme.com

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