

International Geosynthetics Society
United Kingdom Chapter



IGS/ICE Kent & East Sussex Geotechnical Group/South East Geological Society

JOINT MEETING

Tuesday 21st April 2009

The Loxwood Suite at Gatwick Manor Hotel, London Road, Crawley

RH10 9ST

6.00pm for 6.30pm

Geotextile Encased Columns:
Recent Developments and Case Studies for
Soft Ground Applications

Dr.-Ing Dimiter Alexiew
(Huesker GmbH)

The illustrated talk will present an introduction to this technique for the improvement of soft soils and alluvial sediments by the incorporation of geotextile encased, granular filled columns. This simple but highly effective technique has been used extensively in northern Europe over the last decade with great success. The talk will include recent case histories and outline the typical design process.

Biography

Dr Alexiew studied Civil Engineering at Sofia Technical University before undertaking further post graduate research and then work within the Soil Mechanics and Foundation Engineering section of the Research Institute of the Bulgarian Ministry for Construction. He obtained his doctorate in 1990. He then moved to Germany and worked at the Institute for Geotechnics at LGA, Nuremburg. Dr Alexiew has been head of the engineering department at Huesker Synthetic GmbH in Germany since 1996 and has published more than 90 technical papers including involvement with technical standards and recommendations. He is a member of the German and Bulgarian SSMGE, ISSMGE, IGS, ÖIAV, DIN, CEN and ISO.

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