



# International Symposium IS Nuremberg 2002

April 16-17, 2002  
Nuremberg, GERMANY

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## *Bulletin 1 Call for Papers*

### **SYMPOSIUMS AIMS**

The aims of this International Symposium on **Clay Geosynthetic Barriers**, organised by LGA, Nuremberg (Germany) and the Geosynthetics Institute, Folsom PA (USA), under the auspices of the International Geosynthetics Society (IGS), are to offer an opportunity for exchanges on a high scientific and technical level between experts in the various disciplines related to **Clay Geosynthetic Barriers**.

The symposium will appeal to all participants in the geosynthetics field, whether in a practical or scientific sense. **Clay Geosynthetic Barriers** are also known as Geosynthetic Clay Liners (GCL). They are geocomposites consisting of geotextiles and/or geomembranes and bentonite, a processed natural clay, which hydrates and swells as moisture is encountered forming a barrier component.

### **SUBJECTS**

The conference will be the ideal occasion to obtain an overview of the multiple applications of **Clay Geosynthetic Barriers** in all fields of use. The subjects discussed will be as follows:

- Applications in civil engineering, hydraulic structures (dams, canals, reservoirs, roads, railways, tunnels), environmental protection, solid waste landfills, transportation systems, effluent and retention basins, protection of water resources, etc.
- Long-term durability (shear behaviour, desiccation, fibre strength)
- Test methods (standardisation, laboratory tests, field tests)
- Clay mineralogy (cat ion exchange, swelling behaviour)
- Recommendations (requirements, design, specification, assessment, certification)
- Research needs and directions

### **SCIENTIFIC AND TECHNICAL PROGRAMME**

Four special keynote lectures and papers resulting from this call will be orally presented and will form the written proceedings of the symposium.

The official language of the symposium will be English.

### **LOCATION**

Eight years after the first International Symposium on Geosynthetic Clay Liners in Nuremberg 1994, the Organising Committee opted for this event again for Nuremberg, a historical German city in Bavaria.

Nuremberg has an international airport with direct flights to many European cities and it has numerous hotels of all categories. The symposium will be held in Heilig-Geist-Spital, located in the centre of the old town.



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## **CALL FOR ABSTRACTS**

Papers may cover any of the subjects described above; authors are required to submit a detailed 1-page abstract of their paper in English (400 to 500 words) with 5 key words. The abstracts must include the name, title, address, phone and fax numbers as well as the e-mail address of the corresponding author. Abstracts should be sent to the Secretariat by post as well as by e-mail. All abstracts will be reviewed by the Organisation Committee.

The abstracts must be sufficiently detailed to allow the experts to assess the scientific and technical merit of the proposed paper; especially the relevance of the results obtained and the contribution they make towards advances in the application of **Clay Geosynthetic Barriers** and the related system in which they function.

These papers must be related to original, previously unpublished work and must not be of commercial nature.

After selection by the Organisation Committee, the paper is to be written in English. Detailed instructions will be sent to the authors of the selected abstracts.

The final manuscript will be checked by the Organisation Committee.

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| Deadline for receiving abstracts:                 | 31 August 2001    |
| Decision of Organising Committee sent to authors: | 30 September 2001 |
| Deadline for receiving completed papers:          | 15 December 2001  |

*Secretariat:*

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