

# IGS NEWS



## NEWSLETTER OF THE INTERNATIONAL GEOSYNTHETICS SOCIETY

*Dedicated to the scientific and engineering development of geotextiles, geomembranes, related products, and associated technologies*

VOLUME 28, NO. 1

2012

## Content

<b>President's Corner:</b> .....	2	Geosynthetics 2013 .....	21
Student and Young Member Initiatives of the IGS .....	2	Call for Paper Abstracts International Symposium on Design and Practice of Geosynthetic-Reinforced Soil Structures .....	21
<b>General Information for IGS Members</b> .....	3	<b>News from the IGS Chapters and the Membership</b> .....	22
IGS student award nominees 2012 .....	3	IGS PERU promoting GeoAmericas 2012 with Several Local Conferences .....	22
Call for Candidates for IGS Council: Term 2012 to 2016 .....	4	Recommendations for the use of geosynthetics: .....	23
News from the Technical Committees of IGS .....	5	"GSI Fellowships for Students" Request for Proposals .....	24
<b>Conference Reports</b> .....	7	Steve Corbet elected chairman of International Standardization Committee – ISO TC 221 .....	24
GEOSYNTHETICS INDIA' 11 .....	7	Daniele Cazzuffi elected Chairman of European Standardization Committee – CEN TC 189 .....	25
2011 ISKGSS - International Symposium on Sustainable Application of Geosynthetics Technology .....	9	12 <sup>th</sup> Baltic Sea Geotechnical Conference "Infrastructure in the Baltic Sea Region" .....	25
CGT 2011 - Conference on Geotechnics in Torino .....	9	The Challenges of Mexican Chapter of IGS .....	26
Torino, Italy, 23-24 November 2011 .....	9	Workshop Dutch Chapter of IGS: Geosynthetics in levee improvement - "An innovation is only an innovation when applied successfully!" .....	26
10 <sup>th</sup> Saxon Construction Textiles Symposium "Bautex 2012 – Building with geosynthetics" .....	11	4 <sup>th</sup> Portuguese Seminar on Geosynthetics University of Aveiro, Portugal, 22 - 23 November 2011 .....	29
150 <sup>th</sup> Anniversary Celebration of Huesker Synthetic GmbH .....	12	List of IGS Chapters .....	30
<b>Announcements of Conferences of IGS</b> .....	13	<b>Calendar of Events</b> .....	31
10 <sup>th</sup> International Conference on Geosynthetics – 10ICG Berlin, Germany, 21 – 25 September 2014 .....	13	<b>Official Journals of the IGS</b> .....	32
<b>Announcements of Regional Conferences of IGS</b> .....	14	Geosynthetics International .....	32
GeoAmericas 2012 .....	14	Geotextiles & Geomembranes .....	34
5 <sup>th</sup> European Geosynthetics Conference .....	15	<b>Corporate Membership</b> .....	35
Geosynthetics Asia 2012 5 <sup>th</sup> Asian Regional Conference on Geosynthetics .....	16	Corporate Members of the IGS .....	35
<b>Announcements of Conferences under the Auspices of IGS</b> .....	17	Corporate Members Present Case Studies .....	38
2 <sup>nd</sup> International Conference on Performance-Based Design in Earthquake Geotechnical Engineering .....	17	Use of biaxial geogrids for an Load Transfer Platform at new Cruise Terminal in Lisbon .....	38
International Symposium on Sustainable Geosynthetics and Green Technology for Climate Change (SGCC 2011) .....	18	Corporate Profile – Sinoma Bauchem Technology Co., Ltd. ....	39
2 <sup>nd</sup> International Conference on Transportation Geotechnics (IS-Hokkaido 2012) .....	19	Corporate Profile – Layfield Environmental Systems .....	40
International Conference on Ground Improvement and Ground Control .....	19	Corporate Profile – Nanchang Teamgo New Materials Co., Ltd. ....	41
3 <sup>rd</sup> Int. Conference on Geotechnical Engineering (ICGE'13) .....	20		

### IGS student award nominees 2012



**Nathalie  
Touze-  
Foltz**

The success of the IGS Student Award program continues, now with its sixth award period of 2009 to 2012.

The IGS student award was established to disseminate knowledge and to improve communication and understanding of geotextiles, geomembranes and associated technologies among young geotechnical and geoenvironmental student engineers around the world.

Each chapter of IGS was invited to nominate an IGS student awards candidate by January 31, 2012 for The American and European Chapters, and by February 29, 2012 for Asian chapters.

All successful candidates were invited to submit a paper to one of the IGS regional conferences in 2012, i.e., GeoAmericas 2012, EuroGeo5 or Geosynthetics Asia 2012. The candidate of the South African Chapter will attend the Eurogeo 5 conference.

The IGS student award consists of US\$1,000 to be used to cover travel expenses of each winner to attend a regional conference. The IGS will transfer US\$1,000 to the student upon validation of the paper quality after revision by the awards Task Force.

Furthermore in recognition of the IGS Student Award winners and to maximize benefits to the students, the organizers of the regional conferences are required to hold a dedicated session in which the student papers will be presented. They must also provide the students with a copy of the proceedings and admission to the sessions and the exhibition. In addition, a comprehensive student program will be organized in each regional conference to maximize their exposure to geosynthetics and the IGS. This includes a recognition ceremony during the conference as well as their participation in corporate receptions, and a meeting with the IGS President and some chapters representatives. The winners will also be invited, depending on the topic of their paper to meet with the IGS Technical Committees on barrier systems, filtration or soil reinforcement.

Five IGS student awards will be given in Lima during the **GeoAmericas conference**. Papers which were received are of very high quality and will give rise to presentations in a dedicated student session:

- *Posibilidades y Desafíos del uso de Geocontenedores en Obras Hidráulicas*  
by A. Ecke (Argentina)
- *Quantification of the impact of the transfer of phenolic compounds through landfill bottom liners*  
by M. Mendes (Brazil) and J. Sousa (Perú)
- *Metodología para el diseño de muros mecánicamente estabilizados con geosintéticos*  
by J.-A. Gómez-Rivera (Mexico)
- *Effect of Temperature on the Service-life of Landfill Liners and Potential Temperature Control Strategies*  
by A. Hoor (NAGS)

Eleven IGS student awards candidates submitted abstracts to the **EuroGeo 5 conference**:

- *Demand and organization of quality assurance education for landfill liner systems*  
by A. Ravaska (Finland)
- *Behavior of antioxidants in the HDPE geomembranes used in municipal solid waste landfills*  
by C. Pons (France)
- *Geosynthetics for reinforcement. Comparison of an analytic and an experimental approach to describe earth pressure on the facing of a geosynthetic reinforced noise protection wall*  
by S. Meshkinghalam (Germany)
- *Interface frictional properties of geosynthetics in landfill cover systems through the inclined plane test*  
by L. Carbone (Italy)
- *The influence of subsoil reaction on the geosynthetic reinforcement in pile embankments*  
by H.-J. Lodder (The Netherlands)
- *Parametric study of the design of a solution of fine soil reinforcement with geosynthetics*  
by D. Carlos (Portugal)
- *Strength evaluation of fiber reinforced sand by triaxial testing*  
by A. Kusnetsova (Russia)
- *Evaluation of Allowable Leakage Rates measured from Liquid impoundments liner systems and Landfill disposal sites in South Africa*  
by I. Nyirenda (South Africa)

- *Research, Innovation and development of geosynthetics applied to reservoirs: a collection of contributions* by M. de los Angeles Crespo (Spain)
- *Factors affecting internal erosion of geosynthetic clay liners tested over perforated base pedestals* by H. Ozhan (Turkey)
- *Hydraulic performance of a landfill cap case study* by K. Zamara (United Kingdom)

At present 8 countries indicated that they would submit candidates who would receive the IGS student award during the **Geosynthetics Asia conference**. The nominated candidates at the time of preparation of this article are:

- *Filtration Opening Size of Woven Geotextiles varied with Tensile Loads* by L. Tang (China)
- *Centrifuge Model Studies on the Performance of Geogrid Reinforced Soil Barriers of Landfill Cover* by S. Rajesh (India)
- *Acceleration Amplified and De-amplified Responses within Geosynthetic-Reinforced Soil Structures* by E. Yusuf Kencana (Indonesia)
- *Case study on a largely-deformed geotextile-reinforced soil retaining wall induced by recent heavy rainfall in Japan* by J. Hur (Japan)
- *Effect of Non-Woven Geotextile Reinforcement on Mechanical Behavior of Sand* by D.-S. Cho (Korea)
- *Evaluation of Various Design Methods for Predicting Reinforcement Loads within Two Geosynthetic-Reinforced Soil Structures with Different Facing Stiffness* by T.-L. Liu (West Pacific IGS chapter)

After the conferences, IGS Student Awards recipients will be required to submit a written report to the IGS on the regional conference and on the IGS-related conference activities. This report should also be provided by the Student Awards winners to their own chapter.

*Reported by*

*Nathalie Touze-Foltz, Chair of the Awards Task Force*

## Call for Candidates for IGS Council: Term 2012 to 2016



**Elizabeth  
Peggs**

The IGS, in accordance with its bylaws, will hold mid-term elections in 2012. IGS Members will have the opportunity to elect eight Council Members. Each of the elected members will serve a four-year term, effective 1 October 2012.

*The IGS encourages any IGS Member who is interested in furthering the IGS Mission and can attend all IGS Council meetings to consider standing for one of the Council positions.* In a typical year, the IGS Council meets once for a two-day period preceding a geosynthetics event. It is the responsibility of the IGS Council member to travel to these meetings and participate in the plenary and committee meetings. The IGS council attempts to host the meetings in equal distribution around the world and based on the most suitable location in any given year.

The IGS Council Members whose term of office expires in 2012 are:

- |                           |                          |
|---------------------------|--------------------------|
| • D.T. Bergado (Thailand) | • J. Kuwano (Japan)      |
| • A. Bouazza (Australia)  | • M. Sadlier (Australia) |
| • P. Fantini (Italy)      | • M. Ziegler (Germany)   |
| • H.Y. Jeon (Korea)       | • V. Pimentel (Brazil)   |

The IGS bylaws stipulate that a Council Member may only be elected to two consecutive terms; hence, A. Bouazza, P. Fantini, and M. Sadlier are not eligible for re-election. Each of the other incumbents may stand for re-election.

### Nomination & Election Schedule

Under the bylaws of the IGS, only IGS Members are eligible for election to the Council. Candidates must be able to travel to and attend the IGS Council meetings, which are held once per year. Meetings of the IGS Council are generally held in conjunction with international and regional conferences.

- Call for Nominees: Now – 30 April 2012

A signed letter of application together with a biographical note (not exceeding 12 lines) and a photograph should reach the IGS Secretary no later than 30 April 2012. Biographical notes and photos will be published in the IGS