

ISSMGE Foundation Reports

11th International Conference on Geosynthetics (11th ICG) Coex, Seoul, South Korea, September 16-21, 2018. The conference was organized by Korean Geosynthetics Society (KGSS) and the International Geosynthetics Society (IGS) Korea Chapter. The theme of the conference is “Geosynthetics: Innovative solutions for sustainable development”. The conference started with two short courses. Basal reinforced piled embankment). Geosynthetic- stabilized roads: from application to mechanism followed by prestigious lecture delivered by Prof. F. Tatsuoka, on the topic entitled “Geosynthetic- reinforced soil technology in railway applications- from walls to bridges”. The first day ended with a welcome reception.

The second day started with an opening ceremony. The first lecture started with the Giroud lecture delivered by Dr. Nathalie Touze-Foltz on the topic entitled “Healing the world: A geosynthetic solution”. Five keynote lectures delivered by eminent professors from various countries. The keynote lectures covered a wide range of research areas in geosynthetics, from the mechanism to applications in the sustainable development.

From September 18th to 20th, 2018, the conference was fully dedicated to the paper presentation along with training lectures and special sessions. Around 450 full papers were presented under different themes. themes covered almost all field of research in geosynthetics. The themes are not only dedicated to researchers, also it was very useful to the practicing engineers as well as people from industry.

On the last day of the conference, the organising committee provided an opportunity to visit either a Sudukwon land fill site or cultural tour to national museum of Korea. The exhibition organised by 11th ICG made the participants to experience the recent developments in the geotechnical construction industries. The conference organising committee conducted the special event: IGS soccer game.

Here, once again I would like to thank ISSMGE foundation for providing me an excellent opportunity for participating in such a high quality conference.



Figure 1. Picture with Prof. R. J. Bathurst, Prof. R. Kerry Rowe, Prof. K. Rajagopal along with other participants



Figure 2. Dr. J. P. Giroud delivering a lecture on “Geosynthetic- stabilized roads: from mechanisms to applications”

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The 26th European Young Geotechnical Engineers Conference 2018 was held in the hotel "Der Klugbauer", which was located in a picturesque place near the city of Graz. Fresh air and beautiful landscapes helped to get distracted in the evening after a long day spent in the conference hall behind the discussion of a large number of reports of young scientists from all over Europe. Each of them has already achieved a lot in its direction and has supported its assumptions with analytical calculations or grids in software complexes.

It was very interesting to hear the reports of leading professors: Prof. H.F. Schweiger, D. Adam, Dr. C. Kummerer, J. Logar. Prof. H.F. Schweiger tried to convey very important messages to young scientists in his report "The role of numerical modelling in practical geotechnical engineering".

Each evening ended with an interesting joint entertainment in which each person could talk about his country.

On the last day we have a site visit and learnt about the details of the project «Murkraftwerk Graz». After listening to the presentation it became clear that this is an important and exemplary project in which not only all the constructive features were taken into account, but all the environmental impact that the new facility can have on the existing natural environment was taken into account.

In order to be able to provide domestic energy supply to such an extent, it is still necessary to import from abroad. Therefore, the purpose of the project is to enable to use as much electricity as possible from its own production. A sustainable hydropower plant based on the example of Hessendorf or Kalsdorf in Graz will help make the city to be more energy efficient. Murkraftwerk is considered one of the main projects of Energie Steiermark, which is to provide specially produced electricity to Graz. Thanks to the green energy provided by hydropower, they can abandon the import of nuclear energy from abroad and curb the massive emissions of CO₂ from other power plants.

Thanks to the ISSMGE and these conferences I had an excellent opportunity to meet and talk to many professors, researchers and engineers from different countries and many other potential research collaborators as well. I would like to thank the ISSMGE in general and the ISSMGE Foundation for the opportunity to participate in such high-level conferences and for their award.



Figure 1. During my presentation in the conference



Figure 2. Site visit for a project "Murkraftwerk Graz"

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