



*Dear colleagues!*

We are pleased to invite you to participate in the third **FIG Commissions 5 and 6 Workshop on “Innovative Technologies for an Efficient Geospatial Management of Earth Resources”** organized by the International Federation of Surveyors (FIG), Mongolian Association of Geodesy Photogrammetry & Cartography (MAGP&C) and Siberian State Academy of Geodesy (SSGA). The workshop will be held for the first time in **Ulaanbaatar, Mongolia, on September 4-8, 2011.**

### General sponsor

Monmap Engineering Services Company, Ltd., Mongolia

### Organizers

- International Federation of Surveyors (FIG)
- Siberian State Academy of Geodesy (SSGA)
- Mongolian Association of Geodesy Photogrammetry & Cartography (MAGP&C)

### Co-organizers

- International Society for Photogrammetry and Remote Sensing (ISPRS)
- Mongolian Government Implementing Agency, Administration of Land Affairs, Construction, Geodesy & Cartography (MALACG&C)
- Mongolian University of Science and Technology (MUST)
- Mongolian State University of Agriculture (MSUA)

Key issues to be discussed are follows:

- Prediction of Earth’s Surface and Engineering Structures Deformations and Movements in Areas of Tectonically and Technogenically Active Hazardous Zones Using Geodetic Observations
- Airborne Lidar and Terrestrial Laser Scanning Systems. Their Usage in Architecture, Civil and Mining Engineering, Industry, Ecology, Oil and Gas Production
- Engineering and Mine Surveys for Exploration and Prospecting of Mineral Resources
- GIS Technologies for Designing, Construction, Operation and Maintenance of Engineering Objects and Facilities in Mining Industry, and Ecology
- Geospatial Data Infrastructure
- Real time GNSS Application in Navigation, Mapping, and Geodetic Monitoring of Vast Territories and Engineering Structures
- Earth Remote Sensing Using Aerial Photography, Satellite Imagery and Airborne LiDAR Survey
- Application of Remote Sensing Data and Geodetic Observations in Forecasting and Crisis and Emergency Management

*Round-table discussion*

GLOSSARY	
Ula	Mountain
TN	Steppe
EN	Forest
OU	Water
OUU	Water-Detail
MN	Mountain
N	Mountain
N	Water

## Call for papers

Deadline for submission of full papers: **15 July 2011**

Proceedings will be available in print and a CD.

The conference language is **English**.

**Registration fee: 100 \$ USA**

## ORGANIZING COMMITTEE:

### Chairmen:

- Dr. ENKHTUVSHIN Baatar** President, Mongolian Association of Geodesy, Photogrammetry and Cartography (MAGP &C) Mongolia
- Prof. Dr.-Ing. Rudolf Staiger** FIG (International Federation of Surveyors) Vice President, Bochum University of Applied Sciences, Faculty of Geodesy and Geoinformatics, Vice President Research and Development, Member of the Presidium Germany

### Co-Chairmen:

- Prof. Gethin Wyn Roberts** Chair of FIG Commission 6 (Engineering Surveys), Dean of Science and Engineering, the University of Nottingham Ningbo, China
- Mikael Lilje** Chair of FIG Commission 5 (Positioning and Measurement) Manager, Geodesy Department, Lantmäteriet (the Swedish Mapping, Cadastral and Land Registration Authority), Sweden
- Prof. Vladimir A. Seredovich** Vice Chair of FIG Working Group 6.3, Vice Rector for Innovative Activity, Siberian State Academy of Geodesy Russian Federation
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- Dr.-Ing. Ivo Milev** Managing Director, technet-rail 2010 GmbH, Beuth University of Applied Science Berlin, Germany
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#### GLOSSARY

Ull	Mount
TR	Steppe
ER	Sand
OU	river
OU	Some Detail
Mt	Mountain
N	North
L	Lake

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Yours sincerely,

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**GLOSSARY**

Ul	Mount
Til	Steppe
En	Sand
Ol	River
Оол	Semi-Desert
Хулдга	Hollow
Нунд	Mountain B.
Нуур	Lake