

FIG Commissions 5,6 Workshop

Innovative Technologies for an Efficient Geospatial Management of Earth Resources

18-19 September 2012

Almaty, Kazakhstan

Dear colleagues!

We are pleased to invite you to participate in the fifth **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), Kazakh National Technical University after K.I. Satpaev (KazNTU) and Siberian State Academy of Geodesy (SSGA). The workshop will be held in **Almaty, Kazakhstan**, on **September 18-19, 2012**.

Organizers



International Federation of Surveyors (FIG)



Kazakh National Technical University after K.I. Satpaev (KazNTU)



Siberian State Academy of Geodesy (SSGA)

Co-organizers



International Society for Photogrammetry and Remote Sensing (ISPRS)



International Cartographic Association (ICA)



Foundation of the First President of the Republic of Kazakhstan



Association of Kazakhstan Mining Surveyors

Key issues to be discussed are follows:

- Up-to-date Tools for Geospatial Data Analysis, Processing, Interpretation and Visualization Based on Aerospace, LiDAR, Radar, IF, SAR, Multispectral and Gravity Surveys
- Application of WebGIS Technologies for Metadata Collection, Cartographic Modelling, Creating Geodatabases and 3D Projects in Territory Management. Spatial Data Infrastructures
- Advanced GNSS Technologies for Data Acquisition and Processing in Sustainable Territorial Development
- Monitoring of Technogenically Hazardous and Earthquake Zones and Earth Surface Deformations Using Geodetic, Satellite, Geophysical, Gravity and Mine-Survey Observations
- Application of Terrestrial, LiDAR and Mobile Laser Scanning for 3D Static and Dynamic Modelling of Complex Engineering Objects and Facilities, Designing, Structural Health Monitoring, and Safety Operation
- Geodetic, Geotechnical and Structural Health Monitoring of Mining and Industrial, and Civilian Objects and Facilities
- Geospatial Data Acquisition, Interpretation and Integration Tools for Early Warning and Emergency/Crises and Risk Management
- Geo-environmental Monitoring in Kazakhstan

Round-table discussion

Call for papers

Deadline for submission of full papers: **20 August 2012**

Proceedings will be available in print and a CD.

The conference language is **English**.

Registration fee: 100 \$ USA

Web-site: E-mail: <http://www.kazntu.kz>, <http://www.conference.kazntu.kz>

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Yours sincerely,

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Bank account form for juridical person: USD, EUR

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|------------------------------|--|
| Partner name | KazNTU after K.I. Satpaev |
| Address | Republic of Kazakhstan, 050013, Almaty, Satpaev Street, 22 |
| Country E.U. | - YES + NO |
| Your V.A.T. number | 600400026334 |
| Bank name | Almaty city branch JSC «Bank CenterCredit» |
| Bank address | Republic of Kazakhstan, 050012, Almaty, street Bogenbai batyr, 156 |
| IBAN code | KZ148560000000062209 |
| BIC (also called SWIFT) code | KCJBKZKX |