

# **Symposium on earthquake and landslide risk in Central Asia and Caucasus: exploiting remote sensing and geo-spatial information management**

**29-30th January 2014  
Bishkek, Kyrgyz Republic**

**This symposium is an outreach event of the  
European Commission FP7 project**

## **SENSUM**

**Framework of an integrated Space-based and in-situ  
sENSing for dynamic vUlnerability and recover Monitoring**



# Earthquakes and landslides in Central Asia and the Caucasus

Landslides triggered by earthquakes are one of the classic examples of a multi-hazard and risk phenomena. In fact, they represent a prominent case where triggered events (landslides) are on occasion more devastating than the initial act (earthquakes). Such events have a severe impact upon the communities of Central Asia and the Caucasus, which include their detrimental effect on the development of infrastructure, namely reservoirs, roads, railways, and other lifelines.

As a result, there are intensive scientific research activities being undertaken to mitigate against the impact of these hazards and the resulting risks. Included with such efforts are the latest advances in remotely-sensed data and the widespread use of geographical information systems (GIS), which are now able to provide effective tools to both practitioners and decision-makers.

We therefore invite *research scientists* and *engineers, infrastructure operators* (private and public), *disaster response* and *mitigation managers*, and *decision* and *policy makers* from around the Central Asian and Caucasus regions to present the latest developments in earthquake and landslide vulnerability and risk assessment. In particular, advances and perspectives of remote sensing and geo-spatial information management, and associated case studies, are of interest.

## The symposium

The symposium will run over two days and will be divided into 4 themes:

- Earthquake and landslide risk in Central Asia and the Caucasus.
- Remote sensing and geo-spatial information management.
- Post-event recovery monitoring.
- Interactions with decision and policy makers.

The working language of the symposium will be English. The meeting's proceedings will be produced after the symposium, the details for which are provided on the accompanying sheet.

The symposium is organized by the Central-Asian Institute for Applied Geosciences (CAIAG), Bishkek, Kyrgyz Republic, and the Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences, Potsdam, Germany.

## Submission deadlines

The deadlines are as follows:

- December 31, 2013 – registration, abstract submission

Materials are to be submitted to the organizing committee via e-mail:

- Dr. Cholponbek Ormukov (CAIAG) [ch.ormukov@caiag.kg](mailto:ch.ormukov@caiag.kg)
- Dr. Dinara Kaldybekkyzy (CAIAG) [d.kaldybekkyzy@caiag.kg](mailto:d.kaldybekkyzy@caiag.kg)
- Dr. Kevin Fleming (GFZ) [kevin@gfz-potsdam.de](mailto:kevin@gfz-potsdam.de)

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29-30th January 2014  
**Bishkek, Kyrgyz Republic**

## **TARGET AUDIENCE**

Research scientists and engineers in the field of earthquake and landslide hazard and risk assessment and mitigation, infrastructure operators (private and public), disaster response and mitigation managers, decision and policy makers.

## **DEADLINES**

- December 31, 2013 – registration, abstract submission

## **SYMPOSIUM VENUE**

Ak Keme Hotel  
93, Prospect Mira, Bishkek  
Kyrgyz Republic 720044  
Tel: + 996 (312) 540143 + 996 (312) 540152 + 996 (312) 905353  
Fax: +996 (312) 542365, 542408, 542404  
Email: bishkek@akkemehotel.com  
www.akkemehotel.com

## **SYMPOSIUM LANGUAGE**

The working language of the symposium will be English.

## **INFORMATION FOR SUBMITTED MANUSCRIPTS, POSTERS AND PRESENTATIONS**

### **Manuscripts:**

Text of papers submitted for inclusion in the symposium proceedings (including references and figures) should be 2-3 pages. The abstract should be submitted together with the registration. The text of the papers must be in English, the working language of the symposium.

Please follow the instructions below for the format of the submitted manuscripts:

- Page format A4 (210 to 297 mm) aligning the text with the left, with the left, top, and bottom margins 25 mm, and the right margin 15 mm. The type should be Times Roman 10pt and be applied to both the text and the section headings. The text should be single space, with double-space between paragraphs.
- The paper's title should be in bold capital type and centered. The surnames of the authors should be in full. After the family name the first letters of the first name and patronymic should follow, and should be centered and presented in low-case bold letters. The theme to which the paper is to be presented must be specified in the registration.

- If authors represent different organizations, this must be indicated by a number after their surname, and the names of the institutions will be listed in plain lower-case text after all authors are listed. The name of each organization, city, and country are marked by the same number per surname.
- The text is to be presented in MS WORD format for Windows. Pictures can be color or black-and-white, included separately from the text in one of the following formats - tif, gif, jpeg, png, pcx, with 600 dpi resolution. Materials are to be provided electronically via e-mail or by a disk.

### **Presentations**

The duration of each presentation is 20 min. (including question time).

### **Posters**

Posters are to be presented as A0 landscape or an equivalent area.

### **REGISTRATION FEE**

A registration fee of **30 euros** (according to the rate of the National Bank of the Kyrgyz Republic on the registration day) is to be paid on arrival when registering.

Note: All attendees are responsible for their own visa and insurance needs.

### **SYMPOSIUM WEBSITE**

Information about the symposium and the SENSUM project can be found via the CAIAG and SENSUM project websites:

**CAIAG**                      **<http://www.caiag.kg/en/>**

**SENSUM**                    **<http://www.sensum-project.eu/home>**

# Registration for the Symposium on earthquake and landslide risk in Central Asia and Caucasus: exploiting remote sensing and geo-spatial information management

29<sup>th</sup> – 30<sup>th</sup> January 2014

Bishkek, Kyrgyzstan

Return to: Dr. Cholponbek Ormukov (CAIAG, ch.ormukov@caiag.kg) and  
Dr. Dinara Kaldybekkyzy (CAIAG, d.kaldybekkyzy@caiag.kg)

<b>Title</b>	<b>Name</b>	<b>Family Name</b>
<b>Institution/University/Department/Company</b>		
<b>Position</b>		
<b>Address</b>		
<b>Phone/Mobile/Fax</b>		
<b>Email</b>		
<b>Paper title</b>		
Presentation <input type="checkbox"/> <span style="float: right;">Poster <input type="checkbox"/></span>		
<b>Authors</b>		
<b>Section:</b>		
• Earthquake and landslide risk in Central Asia and the Caucasus. <input type="checkbox"/>		
• Remote sensing and geo-spatial information management. <input type="checkbox"/>		
• Post-event recovery monitoring. <input type="checkbox"/>		
• Interactions with decision and policy makers. <input type="checkbox"/>		
<b>Meeting attendance:</b>		
Day 1 (29 <sup>th</sup> January 2014) <input type="checkbox"/> <span style="float: right;">Day 2 (30<sup>th</sup> January 2014) <input type="checkbox"/></span>		
<b>Dietary requirements (for lunch):</b>		

Signature

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