IPL Project 106-2 Annual Report 2015

1 January 2015 to 31 December 2015

1. Project Title. International Summer School on Rockslides and Related Phenomena in the Kokomeren River Valley, Tien Shan, Kyrgyzstan

2. Main Project Fields: Capacity Building

3. Name of Project leader. Alexander Strom

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   Core members of the Project: Kanatbek Abdrakhmatov, Director of Kyrgyz Institute of Seismology (KIS)

4. Objectives: Demonstration of various types of catastrophic bedrock landslides and of their identification and study methods to students and young landslide researchers from different countries.

5. Study Area: (2 lines maximum). Kokomeren River basin, Central Tien Shan, Kyrgyzstan

6. Project Duration: started in 2008 (as an extension of the M111 and M126 Projects; the Summer School had started in 2006). We plan to continue next years as well.

7. Report

   Progress in the project: The 2015 Summer School took place on August 15-30. In 2015, despite about 20 applications, 5 researchers could participate only: 1 from Austria, 1 from Czech Republic, 1 from Switzerland, 1 from Japan and 1 from Kyrgyzstan. Several new sites were visited and new data on large-scale bedrock landslides have been collected and analyzed.

   Based on data collected during the 2013-2015 training courses some additional information was added to the Summer School guidebook that will be available at the IPL/ICL website in January, 2016. The announcement of the 2016 Summer School has been published in Landslides Journal (DOI 10.1007/s10346-015-0655-5). Besides it is available on the ResearchGate (https://www.researchgate.net/).

   Planned future activities or Statement of completion of the Project. The 2016 Summer School will be carried out in August 10-25. Participants from all over the World are welcomed.
8) Beneficiaries of Project for Science, Education and/or Society: **Researchers and practitioners working in the fields of landslide hazard and risk assessment and mitigation.**

9) **Results:** Since 2006, when we carried out our first Kokomeren Summer School on Rockslides and Related Phenomena, it was attended by more than 70 participants from Argentina, Austria, Belgium, Canada, Czech Republic, China (and Hong Kong), France, Germany, Great Britain, Italy, Japan Kyrgyzstan, New Zealand, Russia, Switzerland, Spain, Taiwan, Tajikistan and USA. Demonstration of various morphological and structural peculiarities of large-scale bedrock landslides and of the geological, seismological and geomorphic conditions favorable for their formation directly in the field, in the arid, vegetation-free terrain and at the outcrops is a very efficient teaching tool. Based on the detailed full-color Guidebook prepared for the Summer School, we have continue working on the book with the preliminary title "Large landslides in Central Asia: distribution, impacts, and hazard assessment" that should be published by Elsevier in 2017.