

Progress Report Form of ICL Network 2015

1 January 2015 to 31 December 2015

1. Project Title of Network:

ICL Adriatic-Balkan Network (ICL ABN)

2. Name of coordinators (Affiliation and emails)

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3. List of member organizations

University of Rijeka, Faculty of Civil Engineering, Rijeka, Croatia

University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering, Zagreb, Croatia

University of Ljubljana, Faculty of Civil and Geodetic Engineering, Ljubljana, Slovenia

University of Belgrade, Faculty Mining and Geology, Belgrade, Serbia

Geological Survey of Slovenia, Ljubljana, Slovenia

Albanian Geological Survey

The City of Zagreb, OEM - City Office of Emergency Management, Zagreb, Croatia

The Geotechnical Society of Bosnia and Herzegovina, Tuzla, Bosnia and Herzegovina

4. Progress report of activities up to 31 December 2015

January-December 2015 Rijeka (Croatia), Ljubljana (Slovenia), *Implementation of the bilateral Croatian-Slovenian scientific project ‘Study of Landslides in Flysch Deposits: Sliding Mechanism and Geotechnical Characteristics for Landslide Modeling and Mitigation of Landslide Risk (SoLiFlyD)’ (2014-2015); Project Leaders: Arbanas (Croatia), Mikoš (Slovenia).*

13 March 2015 Sendai (Japan), *Round Table Discussion on ICL Networks ‘Management of ICL Regional and Thematic Networks’*; participants from Croatia, and Slovenia: Arbanas, Mihalić Arbanas, Mikoš.

14-15 May 2015 Belgrade (Serbia), *2nd Regional Symposium on Landslides in the Adriatic-Balkan Region* co-organized by ICL and ICL ABN. The social and technical program of the symposium enabled to more than 130 participants from 10 regional countries (Albania, Bosnia and Herzegovina, Croatia, Macedonia, Slovenia, Serbia, Romania, Greece, Italy, Montenegro), Japan, Germany and Russia to share their experiences about local landslide researches at the regional level and enhanced establishment of relations between scientist in the region which are important for future cooperative research and capacity building. There was presentation of the 63 scientific and professional papers plus 5 invited lectures about landslides hazard assessment as well as other topics related to landslide science and praxis. All paper abstracts are published in the proceedings Abolmasov, Marjanović and Đurić (2014). Technical sessions were accompanied by field visit to landslide Umka near Belgrade.

May 2015 Belgrade (Serbia), *5th ICL ABN Meeting ‘Mid-Year ICL ABN Report for 2015 (network activities from January to May 2015 and following-up activities in 2015)*; participants from Albania, Bosnia and Herzegovina, Croatia, Serbia and Slovenia: Abolmasov, Arbanas, Jaupaj, Jemec-Auflič, Kulici, Mihalić Arbanas, Mikoš, Zekan). Meeting themes: (1) Organization of the 3rd Regional ICL ABN Symposium on Landslides in the Adriatic-Balkan Region (Ljubljana, Slovenia, 2017); (2) Organization of field trip of the WLF4, Ljubljana, Slovenia, 2017 (4 days, Adriatic-Balkan Region, i.e., Slovenia, Croatia and Bosnia and Herzegovina); (3) ICL ABN activities in 2015 related to landslide terminology; (4) ICL ABN activities in 2015 related to regional ICL ABN network widening (Romania, Bulgaria, Macedonia, Italy); (5) Other issues.

May 2015-February 2016 Belgrade (Serbia), *Implementation of the project ‘The Harmonization of Landslide Data and training of municipalities for its monitoring: BEWARE (Beyond Landslide Awareness)’ (2015-2016)*; Project Leader: Abolmasov (Serbia). Project budget financed by People from Japan and UNDP Office in Serbia, as a part of “*Increased Resilience to Respond to Emergency Situations*”, Project No. 00094641. General objective of the Project: systematic collection of landslide data on national level.

June 2015, *Preparation and application of two Bilateral Projects Croatia-Slovenia (Rainfall Induced Landslides: Analysis and Modeling; and Laboratory Testing and Numerical Modelling of Landslides in Flysch Deposits in Croatia and Slovenia) (2016-2017)* aimed at institutional capacity cooperation between project partner institutions: Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb (Mihalić Arbanas, Croatia) and Geological Survey of Slovenia (Jemec Auflič, Slovenia); Faculty of Civil Engineering, University of Rijeka (Arbanas, Croatia) and Faculty of Civil and Geodetic Engineering, University of Ljubljana (Mikoš, Slovenia).

October, December 2015, *Mobility of lecturer (Komac, Slovenia)* aimed at improvement and development of university programs at the Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb.

October, December 2015, *Mobility of lecturers and researches/postgraduate students (Maček, Slovenia and Vivoda Prodan, Croatia)* aimed at improvement and development of university programs at the Faculty of Civil Engineering, University of Rijeka and Faculty of Civil and Geodetic Engineering, University of Ljubljana.

5. Plan of future activities

Januray 2016, *Mobility of lecturer (Komac, Slovenia)* aimed at improvement and development of university programs at the Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb.

January 2016, *Mobility of students and researchers (Arbanas, Bernat, Krkač, Mihalić Arbanas, Croatia), Field tip to Bosnia and Herzegovina (Graduate students from UNIZG-RGNF, Teaching staff from UNIRI-GF; Teaching staff from University of Tuzla, BIH, Zekan)* aimed at improvement and development of university programs at the Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb.

13 March 2016 Kyoto (Japan), *5th ICL ABN Meeting (network activities from January to March 2016 and following-up activities in 2016); participants from Croatia, Serbia and Slovenia: Abolmasov, Arbanas, Jemec-Auflič, Mihalić Arbanas, Mikoš.*

March-December 2016, *Multilingual Landslide Glossary.* According to the ICL ABN initiation in the year 2015 (5th ICL ABN Meeting) a landslide/slope mass movement's terminology will begin prepare. Facilitate trans-disciplinary and trans-lingual cooperation by providing a multi-lingual and transnational glossary concerning geological hazards (standardized terminology used in the ICL ABN countries). The glossary will help experts, practitioners and decision makers to improve the understanding and traceability for approaches in their-own and other countries. Altogether the multilingual glossary will help to facilitate the international cooperation in issues with landslides and geological hazards and supports the transnational exchange between practitioners and facilitates knowledge-transfer in a correct way with minimum misunderstandings.

May 2016 Belgrade (Serbia), *Publication of the Proceedings of the 2nd Regional Symposium on Landslides in the Adriatic-Balkan Region.* The Proceedings will contain peer-reviewed papers from the 2nd Regional Symposium on Landslides in the Adriatic-Balkan Region organized by members of the International Consortium of Landslides (ICL) that took place in Belgrade (Serbia) in May 2015.

6. Publication (in Landslides, proceedings, meeting reports, or WEB)

Abolmasov, B., Marjanović, M., Đurić, U. (2014). *Abstract Proceedings of the 2nd Regional Symposium on Landslides.* 14-16 May 2015, Belgrade, Serbia. Faculty of Mining and Geology, University of Belgrade, _ p.

WEB page of UNDP BEWARE Project (Serbia): <http://geoliss.mre.gov.rs/beware/>

Note:

Please fill and submit this form by **1 February 2016** to ICL Network <icl-network@iclhq.org>

Less than 2 printed pages.

ICL network activities are recommended to submit to the ICL-IPL activities of Landslides: Journal of International Consortium on Landslides.