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Progress Report Form of ICL Networks 2016

1. Project Title of Network: ICL Latin-American Network

2. Name of coordinators (Affiliation and emails)

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4. Progress report of activities

We have not been in contact with our colleagues from Brasil. However, we report on the activities carried out by the other members.

The National Autonomous University of Honduras (UNAH), through the Honduran Institute of Earth Sciences (IHCIT), the Department of Civil Engineering, granted by Japan International Cooperation Agency (JICA) and the support of the Irish Organization (GOAL), organized the Second Central American and Caribbean Landslide Congress in Tegucigalpa, Honduras from 18 to 20th of July 2016. The main topics were as follows: a. Education/Academy: Methods and/or techniques for the evaluation and characterization of landslides; b. Public and Private Sector: Experiences of public and private sector on the issue of structural or nonstructural measures, mitigation, monitoring systems, early warning systems, prevention, and land use planning for landslides, and c. Case Studies: Practical experiences and results, including the presentation of results of the Honduras Project.

All members of the network were also involved during 2016 in landslide hazard and risk evaluation in different parts of Perú, Mexico, Colombia, and some other cases in Central America. Teams have been formed by experts from different disciplines such as engineering, geology, geomorphology, psychology and GIS experts. Of major relevance was the organization of an exposition on Geoarchaeology: cultural heritage and geodynamic hazards, which took place on November 3rd, in Cusco, Perú.

5. Plan of future activities

Scientific support during major landslide disasters in the Latin America region
Field evaluation, landslide assessment and mapping in different regions of Latin America
Capacity building for young scientist
Publication of Landslide study cases from Latin America
Strong support to the activities related to the Sendai-ICL partnership
Organization of a network conference in October 2018 in Bogotá, Colombia

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

Journals

- * Hernández-Moreno, G., Alcántara-Ayala I. (on line) Landslide risk perception in Mexico: a research gate into public awareness and knowledge, *Landslides*.
- * Alcántara-Ayala I., Moreno, A.R. (2016) Landslide risk perception and communication for Disaster Risk Management in mountain areas of developing countries: a Mexican foretaste, *Journal of Mountain Science*, 13, 12, 2079–2093.

Book

- * Oliver-Smith A., Alcántara-Ayala I., Burton I., Lavell A. (2016) *Forensic Investigations of Disasters (FORIN): a conceptual framework and guide to research* (IRDR FORIN Publication No. 2). Beijing: Integrated Research on Disaster Risk, ICSU, 56 pp. Available at: <http://www.irdrinternational.org/wp-content/uploads/2016/01/FORIN-21.pdf> (English version).
- * Oliver-Smith A., Alcántara-Ayala I., Burton I., Lavell A. (2016) *Investigación Forense de Desastres (FORIN): un marco conceptual y guía para la investigación*, Integrated Research on Disaster Risk, Instituto de Geografía, UNAM, pp. 104. ISBN: 978-607-02-8337-6, DOI: <http://dx.doi.org/10.14350/sc.02> (Spanish version).

Proceedings

- * Alcántara-Ayala, I., 2016, On the multi-dimensions of Integrated Research on Landslide Disaster Risk, In Aversa, S., Cascini, L., Picarelli, L., and Scavia, C. (eds.), *Landslides and Engineered Slopes. Experience, Theory and Practice* CRC Press, Balkema, Taylor & Francis Group, 155–168. Volume 1.

Other publications

Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools

- * Alcántara-Ayala I., Landslide risk perception
- * Alcántara-Ayala I., Landslide risk communication