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## Progress Report Form of ICL Networks 2017

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.

Organization of the II Latin-American Landslide Course: this was a 3 week course, organized as part of the activities of the ICL Network. It was held in the city of Medellín, at the National University, and had many participants and 9 lecturers: Roy C Sidle (Sunshine University, Australia), Juan Carlos Loaiza (Universidad Nacional de Colombia), Gaspar Monsalve (Universidad Nacional de Colombia), Humberto Caballero (Universidad Nacional de Colombia), Edier Aristizabal (Universidad Nacional de Colombia), Hernán Martínez (Universidad de Brasilia, Brasil), Edwin García (Universidad de Antioquia, Colombia), Edgar Hincapié (CENICAÑA), Guillermo Eduardo Ávila Álvarez (International Consortium of Landslides-ICL, Universidad Nacional de Colombia). Topics included were: natural factors that influence landslides; management practices that contribute to the initiation and evaluation of landslide; and landslide evaluation of hazard, vulnerability and risk.

All members of the network were also involved during 2017 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.

Major participation also took place during the 4th Landslide Forum, in Ljubljana, Slovenia. Members of the network collaborated as well in the publication of the ICL-Landslide Interactive Teaching Tools

## 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 at the end of 2018 in Bogotá, Colombia

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

### *Journals*

Alcántara Ayala, I., Murray V., Daniels P., McBean G., 2017, On the future challenges for the integration of science into international policy development for Landslide Disaster Risk Reduction, In: Sassa K., Mikos M. and Yin Y., *Advancing Culture of Living with Landslides*, Vol. 1. ISDR-ICL Sendai Partnerships 2015-2025, 143-154, Springer.

Alcántara Ayala, I., 2017, Landslides and Society-a foreword, In: Sassa K., Mikos M. and Yin Y., *Advancing Culture of Living with Landslides*, Vol. 1. ISDR-ICL Sendai Partnerships 2015-2025, 487-490, Springer.

Ávila, G and Guzmán, M. (2017). Landslide Risk Analysis Incorporated to the Land-Use Legislation in Colombia. 4th Landslide Forum. Ljubljana, Slovenia.

Alcántara-Ayala, I., Sassa, K., Mikoš, M., Han, Q., Rhyner J., Takara, K., Nishikawa, S., Rouhban, B., Briceño, S. (2017) The 4th World Landslide Forum: Landslide research and risk reduction for advancing the culture of living with natural hazards, *International Journal of Disaster Risk Science* 8, 4, 498–502.

Alcántara-Ayala, I., Garnica-Peña, R.J., Domínguez-Morales, L., González-Huesca, A., Calderón-Vega, A. (2017), The La Pintada landslide, Guerrero, Mexico: hints from the Pre-Classic to the disasters of modern times, *Landslides* 14, 3, 277-291.

Murillo-García, F.G., Rossi, M., Ardizzone, F., Fiourucci, F., Alcántara-Ayala, I. (2017) Hazard and population vulnerability analysis: a step towards landslide risk assessment, *Journal of Mountain Science* 14, 7, 1241–1261.

Collins A., Tatano H., James W., Wannous C., Takara K., Murray V., Scawthorn C., Mori J., Aziz S., Mosalam K.M., Hochrainer-Stigler S., Alcántara-Ayala I., Krausmann E., Li W.S., Cruz A.M., Samaddar S., De-Groevé T., Imamura F., Ono Y., Berryman K., Suzuki K., Parry M.A., McGowran P., Rees J.G. (2017) The 3rd Global Summit of Research Institutes for Disaster Risk Reduction: Expanding the Platform for Bridging Science and Policy Making, *International Journal of Disaster Risk Science* 1, 8, 2, 224-230.

### *Book*

Wymann von Dach, S., Bachmann, F., Alcántara-Ayala, I., Fuchs, S., Keiler, M., Mishra, A. Sötz, E., eds. (2017) *Safer lives and livelihoods in mountains: Making the Sendai Framework for Disaster Risk Reduction work for sustainable mountain development*. Bern, Switzerland, Centre for Development and Environment (CDE), University of Bern, with Bern Open Publishing (BOP). 78 pp. (preparada para y distribuida como documento oficial en la Plataforma Global de Reducción del Riesgo de Desastre, 2017).

### *Other publications*

Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools

\* Alcántara-Ayala I., Landslide risk perception

\* Alcántara-Ayala I., Landslide risk communication