

Progress Report Form of WCoEs 2018

1 January 2018 to 31 December 2018

1. Short Title of WCoE

Research Center of Cold Regions Landslide

2. Name of Institution (Name of leader and email)

Wei Shan(Coordinator of ICL Landslides in Cold Regions Network, Professor of Northeast Forestry University, China)

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3. List of core members

Marui Hideaki /Research Institute for Natural Hazards and Disaster Recovery, Niigata University, Niigata, Japan.

Stephan Gruber /_Geography and Environmental Studies Carleton University, Ottawa, Canada.

Marina Leibman/ Earth Cryosphere Institute SB RAS, Tyumen, Russia.

Vít Vilímek/Scientific Council of the Geography Section Charles University, Prague ,Czech.

4. Progress report of activities up to 31 December 2018 (up to 30 lines)

1). Attending the 2nd Asian Science and Technology Conference for Disaster Risk Reduction, 17-18 April 2018,Beijing, China, with the theme ‘Science-Policy Dialogue for Implementation of the Sendai Framework’.

2). Holding Seminar on “Engineering and environmental geology in the permafrost region along the Sino-Russian-Mongolian Economic Corridor under the background of climate change” and the Annual Academic Conference of 2018 of ICL-CRLN and the Cold Region Landslide Research of IPL-WCoE held in

Harbin.

5. Plan of future activities (up to 30 lines)

Establishment of a field observation station in Ergun, Inner Mongolia.

Collaborating with network members to apply for international projects.

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

1). Seminar on “Engineering and environmental geology in the permafrost region along the Sino-Russian-Mongolian Economic Corridor under the background of climate change” and the Annual Academic Conference of 2018 of ICL-CRLN and the Cold Region Landslide Research of IPL-WCoE held in Harbin[J].Guo Y, Zhang C, Han Q, et al. Landslides:1-5.

2). Development of a frozen soil dielectric constant model and determination of dielectric constant variation during the soil freezing process[J].Ying G, Shuang X, Wei S. Cold Regions Science & Technology, 2018, 151:28-33.

3). TXT-tool 4.086-1.2: Shallow Landslides and Plant Protection in Seasonal Frozen Regions[J].Ying G, Wei S, Sun Y, et al. 2018

4). TXT-tool 4.086-1.2 Shallow Landslides and Plant Protection in Seasonal Frozen Regions. Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools, Ying Guo, Wei Shan, Yuying Sun, and Chengcheng Zhang. Springer International Publishing AG 2018. 693-702.