

Yan HU



PhD Student

Earth System Science Programme

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RESEARCH INTERESTS

- Periglacial landforms in western China
- Rock glacier dynamics
- Permafrost degradation and climate change

EDUCATION

- 2017-Present PhD student (GPA 3.83), CUHK
- 2017 M.Sc. in Geology, Peking University
- 2016 Etna International School of Geochemistry, Sicily, Italy
- 2014 Field workshop, University of Salzburg, Austria
- 2014 B.Sc. in Geology, Peking University

PUBLICATIONS

- **Yan HU**, Jianqing JI, Qinqin XU et al. (2016), Late Pleistocene salt-water lake in the Linzhi area, southeastern Tibetan Plateau, *Chinese Science Bulletin*, 22, 2512-2523.

PUBLICATIONS (in review)

- Qinqin XU, **Yan HU**, Alan DEINO et al. (in review) Post-glacial entrenchment and knickpoint migration of the Yarlung Tsangpo Gorge, southeastern Tibetan Plateau, *Quaternary Science Reviews*.
- **Yan HU**, Jianqing JI, Jing ZHOU et al. (in review) MSWD and n value in laser ablation $^{40}\text{Ar}/^{39}\text{Ar}$ isochron dating for young volcanic rocks, *Acta Scientiarum Naturalium Universitatis Pekinensis*.

CONFERENCE ABSTRACTS

- **Yan HU**, Lin LIU and Xiaowen WANG. (2018), Characterizing kinematic behaviors of periglacial landforms in the eastern Kunlun Shan (China) using satellite SAR interferometry. 5th European Conference on Permafrost.
- **Yan HU**, Lin LIU and Xiaowen WANG. (2018), Characterizing kinematic behaviors of periglacial landforms in the eastern Kunlun Shan (China) using satellite SAR interferometry. Dragon 4 Mid-term Results Symposium.
- Philipp Rastner, Lin LIU, **Yan HU**, Tobias BOLCH. (2018), Rock glaciers in the Poiqu region-Central Himalaya: a first assessment. Dragon 4 Mid-term Results Symposium.

TEACHING EXPERIENCE

- Fall 2017 Teaching Assistant, Exploring the Earth System (ESSC1000), CUHK
- Fall 2017 Teaching Assistant, Petrology (ESSC4120), CUHK
- Spring 2018 Teaching Assistant, Solid Earth Dynamics (ESSC2010), CUHK

FIELD EXPERIENCE

- 2013 Field study on drainage evolution of Yarlung Tsangpo, Tibet, China
- 2014 Field work on structure and tectonic evolution of Alps, Austria
- 2015 Field investigation to Jingbo, Wangtian'e and Changbai volcanoes, China
- 2016 Field study on magmatic processes and volcanic eruptions of Etna, Italy
- 2017 Field study of alpine permafrost on the Qinghai-Tibet Plateau
- 2018 Field study of periglacial landform in Eastern Kunlun Shan, China
- 2018 Field excursion of mountain permafrost in the Valais Alps, Switzerland

HONORS AND AWARDS (since PhD)

- 2018 Best poster award at Dragon 4 Mid-Term Results Symposium
- 2018 Travel award at the 5th European Conference on Permafrost
- 2017 Hong Kong PhD fellowship

PROFESSIONAL MEMBERSHIP

- Permafrost Young Researchers Network
- Permafrost Association Action Group on "Rock Glacier Inventories and Kinematics"
- American Geophysical Union