



Education

- **2014–2019** Doctor's study program – Physical Geography, Hydrology, Faculty of Science, Charles University, Prague, Czech Rep.
topic: Dynamics of glacial lakes and hydrological conditions of a glacial-morainic complex (Adygine, northern Tien Shan)
- **2011–2014** Master's study program - Physical Geography and Geoecology, Faculty of Science, Charles University, Prague, Czech Rep.
thesis: Glacial outburst lakes in Kyrgyzstan (Case study: glacier complex Adygine)
- **2008–2011** Bachelor's study program - Geography and Cartography, Faculty of Science, Charles University, Prague, Czech Rep.
thesis: Risk analysis methods of natural catastrophic processes in high mountain areas

Research and Academic Experience

- 2018** Active participation at Swiss Geosciences Meeting, Bern, Switzerland
2014–2018 Active participation at EGU conferences in Vienna, Austria
2017 Active participation at Alpine Glaciology Meeting, Zürich
- 2014** Participation at 17th European Seminar on Geography of Water, Padua (Italy)
2016–2017 Research stay at group of Physical Geography (CC-MoRe: Climate Change in Mountain Regions), University of Graz, Austria (W. Schöner)
- 2013, 2018** Short-term research stays at Glaciology and Geomorphodynamics Group, Department of Geography, University of Zürich, Switzerland (T. Bolch)
- 2012–2017** Fieldwork activities in the Tien Shan Mts, Kyrgyzstan
- 2012-13** Principal investigator of a grant project (GA UK): "Risk Analysis of Glacial Outburst Lakes at Adygine, Tien Shan Mts, Kyrgyzstan"

PC skills

Microsoft Office, GIS software (ArcGIS), Geomatica, R

Language skills

- **English** advanced
- **French** pre-intermediate
- **Italian** pre-intermediate

Publications

- Falatkova, K., Šobr, M., Neureiter, A., Schöner, W., Janský, B., Häusler, H., Engel, Z., Beneš, V. (2019). Development of proglacial lakes and evaluation of related outburst susceptibility at the Adygine ice-debris complex, northern Tien Shan. *Earth Surface Dynamics*, 7(1), 301-320.
- Zaginaev, V., Falatkova, K., Jansky, B., Sobr, M., Erokhin, S. (2019). Development of a Potentially Hazardous Pro-Glacial Lake in Aksay Valley, Kyrgyz Range, Northern Tien Shan. *Hydrology*, 6(1), 3.
- Falatkova, K., Šobr, M., Slavík, M., Bruthans, J., Janský, B. (2019, in rev). Hydrological and isotopic characterisation of proglacial lakes and their connectivity, Adygine glacier-moraine complex, northern Tien Shan. *Hydrological Sciences Journal*.
- Vlček, L., Falátková, K., Schneider, P. (2017). Identification of runoff formation with two dyes in a mid-latitude mountain headwater. *Hydrology and Earth System Sciences*, 21(6), 3025.
- Falátková, K. (2016). Temporal analysis of GLOFs in high-mountain regions of Asia and assessment of their causes. *AUC Geographica*, 51(2), 145-154.
- Falátková, K., Šobr, M., Kocum, J., Janský, B. (2014): Hydrological Regime of Lake Adygine, Tien Shan, Kyrgyzstan. *Geografie*, 119, No. 4, pp. 320-341