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CURRENT POSITIONS

- Assistant Professor, University of Central Asia, Tajikistan, since Aug 2020
- Visiting Assistant Professor, University of Tübingen, Germany, since Oct 2020

EDUCATION

- Ph.D., Geosciences, University of Tübingen, Germany, 2019
- M.S., Geosciences, University of Montana, Missoula, USA, 2008
- B.S., Geological Sciences, University of Washington, Seattle, USA, 2004

AWARDS AND HONORS

- European Geosciences Union's Higher Education Teaching Grant, 2020
- European Geosciences Union's Science-Policy Pairing Scheme Award, 2019
- International Symposium on Geo-Disaster Reduction (Kyrgyzstan) Best Presentation Award, 2019
- European Geosciences Union's Public Engagement Grant, 2016
- Innovation Fund Sustainable Development, University of Tübingen, 2016
- PARSA Community Foundation Grant (Earthquake Education in Central Asia), 2011
- Bertha Morton Scholarship, University of Montana, 2008-2009 academic year
- Space Grant Undergraduate Research Program, University of Washington, 2004
- Zesbaugh Scholarship, University of Washington, 2003-2004 academic year
- Lindenberg Mobility Grant for International Studies, University of Washington, 2003
- Mary Gates Leadership Grant, University of Washington, 2002-2003 academic year
- Society of Exploration Geophysics Foundation, 2001

RESEARCH POSITIONS

- Postdoctoral Associate, Geosciences, University of Tübingen, Germany, (2017 – 2020)
- Ph.D. Researcher, Geosciences, University of Tübingen, Germany, (2013 – 2016)
- Graduate Research Assistant, University of Montana, Missoula, MT, U.S.A. (2006 – 2008)
- Research Geologist, United States Geological Survey, Anchorage, Alaska, U.S.A., (2004 – 2006)

NON-ACADEMIC POSITIONS

- Natural Hazard Risk Model Consultant, Focus Humanitarian Assistance, Kabul, Afghanistan, (2012/2013)
- Natural Hazard Scientist, Aga Khan Development Network, Dushanbe, Tajikistan, (2012)
- Program Director, Teachers Without Borders, Seattle, WA, U.S.A, (2009 – 2011)
- Project Coordinator, University of Washington's Pipeline Project, Seattle, WA, U.S.A., (2001 – 2004)

SERVICES

- Geoscience Communication, *Associate Editor* since Apr 2021
- University of Central Asia, Academic Integrity Committee, *Member* since Aug 2020
- University of Central Asia, Faculty Lecture Series, *Organizer* since Aug 2020
- European Geosciences Union Outreach Committee, *Member* since 2020
- European Geosciences Union Higher Education Focus Group, *Member* since 2020
- University of Tübingen, Geosciences PhD/Postdoc Representative, *Member* since 2020
- European Union Parliament, *Science Adviser*, Nov 2019
- United Nations Forum on Science, Technology and Innovation, *Delegate*, May 2019
- Planet Press, European Geosciences Union, *Science reviewer*, 2015-2019

Conference Session convener/panelist

European Geosciences Union, Vienna, Austria:

- Risk and Resilience at the Science-Policy-Practice Interface, convener, Apr 2021
- Science-policy pairing scheme: a panel discussion, panelist, Apr 2021
- Teacher-Scientist pairing scheme, convener, Apr 2021
- Science for Policy webinar, panelist, Apr 2020
- Debunking myths and fake news, panelist, Apr 2018
- Geoscience and the Sustainable Development Goals: Strategies for Eradicating Global Poverty, convener, Apr 2016
- Natural Hazards Education, Communication and Science-Policy-Practice Interface, convener, Apr 2015 & 2016
- Natural Hazard Teaching Demonstrations, convener, Apr 2015

Workshops organized

- Climatic and Tectonic Natural Hazards in Central Asia (final workshop), Online, Sep 2020
- Climatic and Tectonic Natural Hazards in Central Asia (annual meeting), Tübingen, Germany, May 2019
- Remote Sensing, GFZ Potsdam, Germany, Apr 2014

PRESENTATIONS (**invited*)

Conference Presentations

1. American Geophysical Union, Online, Dec. 2020, "Along-strike variations in cosmogenic derived denudation rates in the Western Tian Shan, Tajikistan"*
2. European Geosciences Union, Online, Apr. 2020, "How can natural hazard scientists enhance their contribution to building sustainable and resilient societies?"
3. EU Parliament, Belgium, Nov. 2019, "Impact of sea-level rise on coastal communities of the Baltic Sea"*
4. 17th International Symposium on Geo-Disaster Reduction, Kyrgyzstan, Aug 2019, "Geohazards Database for Central Asia"*
5. European Geosciences Union, Austria, Apr. 2019, "Central Asia geohazards database"
6. European Geosciences Union, Austria, Apr. 2018, "Sensitivity of rockfall frequency-magnitude and wall retreat rates to observation"
7. European Geosciences Union, Austria, Apr 2016, "Comparison of fault slip rates: Insights from a Quaternary fault database for Central Asia"
8. American Geophysical Union, USA, Dec 2008, "Earthquake Education in Tajikistan: An assessment of perceptions, preparedness, and a pilot science-based curriculum"
9. American Geophysical Union, USA, May 2008, "Preliminary geodetic results from a sparse Central Asian geodetic network"*

Departmental Seminars and Colloquium

10. University of Montana, USA, Oct 2020, "Career Paths in Geosciences"*
11. University of Central Asia, Public Lecture Series, Oct 2020, "Sensitivity of Rockfall frequency-magnitude and wall retreat rates to observation duration from TLS measurements"
12. Institute of Geology, Earthquake Engineering and Seismology Lectures, Tajikistan, Oct 2018, "Central Asia Quaternary fault database"*
13. University of Liège, Geo-risk and Environment Colloquium, Belgium, Jun 2018, "Under pressure: Continental Collision and Earthquake Awareness"*
14. University of Freiburg, Soil-Water-Rock, Earth and Environmental Sciences Colloquium, Germany, May 2016, "Comparison of fault slip rates from a Central Asia fault database"*

Education & Public Outreach Talks

15. Royal Geographical Society, UK, Mar 2021, "Our hazardous Earth: a panel discussion"*
16. Volkshochschule Reutlingen, Germany, Apr 2021, "Caught in the web of climate change"*
17. European Geosciences Union, Apr 2020, "Paired teaching approach to earthquake education: a cross-country comparison between Dushanbe, Tajikistan and London, United Kingdom"
18. University of Oxford's Grand Challenges Seminar, UK, May 2019, "Natural hazards: Preparing today to protect tomorrow"*
19. United Nation's Forum on Science, Technology and Innovation, USA, May 2019, "Earth Sciences Education for Resilient Communities in Central Asia"*
20. European Geosciences Union, Austria, Apr 2019, "Overcoming challenges in earthquake education: a case study from Tajikistan"
21. 17th International Symposium on Geo-Disaster Reduction, Kyrgyzstan, Aug 2019, "From research to action: Linking geohazards science and preparedness in schools"
22. European Geosciences Union, Austria, Apr 2018, "Using paired-teaching for earthquake education in schools"
23. TEDx Stuttgart, Germany, Sep 2016, "How to disarm earthquakes"*
24. Geology for Global Development, UK, Oct 2016, "Translating geohazards research into potentially life-saving practices in Central Asia"*
25. Himalayan Karakorum Tibet Workshop and International Symposium on Tibetan Plateau, University of Tübingen, Germany, Aug 2013, "Lessons Learned: From advancements in Earth sciences to practical geohazards awareness"*
26. University of Cambridge, Sedgwick Club, UK, Nov 2011, "Earthquake Education in Central Asia"*
27. Harvard Graduate School of Education Seminar Series, USA, Oct 2010, "The rise and role of NGOs in International Development"*
28. European Science Education Research Association Conference, Turkey, Sep 2009, "Learning Science through Emergency Education"

TEACHING

University courses

- University of Central Asia: "*Environmental Impact & Risk Assessment*" (Spring 2021); "*Geodynamics & Structural Geology*" (Fall 2020); "*Sediments, Stratigraphy, and Hydrocarbon*" (Fall 2020)
- University of Tübingen: "*Applied Tectonics and Surface Processes*" (Fall 2016, co-developed course curriculum)
- University of Montana: "*Introduction to Geology Lab*" (academic year 2006-2007)
- University of Washington: "*Inner Pipeline Education Seminars*" (2001-2004, EDUC 401 seminars including: General Issues in K-12 Education; Refugee and Immigrant Communities; Math and Science in K-12 Education)

K-12 Professional Development Workshops

- Aga Khan Development Network: *Earthquake Education* teacher training in 2 schools in Gujarat, India (2012)
- Teachers Without Borders: *Earthquake Education and Science Inquiry* teacher training workshops in Sichuan, China (3 multi-day workshops with >100 participants, 2009-2011), Port-au-Prince, Haiti (2011), Dushanbe/Khorog in Tajikistan (2011) and Shughnan in Afghanistan (2011)

PUBLICATIONS

Peer-reviewed

1. **Mohadjer, S.**, Mutz, S.G., Kemp, M., Gill, S., Ischuk, A., and Ehlers, T.A., 2020 (*in press*). Using paired teaching for earthquake education in schools. *Geoscience Communication*
2. Gill, J.C., Taylor, F.E., Duncan, M., **Mohadjer, S.**, Budimir, M., and Mdala, H., 2020. How can natural hazard scientists enhance their contribution to building sustainable and resilient societies? *Natural Hazards and Earth System Sciences*, 21, pp. 187–202
3. **Mohadjer, S.**, Ehlers, T.A., Nettesheim, M., Ott, M.B., Glotzbach, C., and Drews, R., 2020. Temporal variations in rockfall and rockwall retreat rates in a deglaciated valley over the last 11 ka. *Geology*, v. 48(6), pp. 594-598
4. Perry, M., Kakar, N., Ischuk, A., Metzger, S., Bendick, R., Molnar, P., and **Mohadjer, S.**, 2018. Little Geodetic Evidence for Localized Indian Subduction in the Pamir-Hindu Kush of Central Asia, *Geophysical Research Letters*, v. 46, pp. 109-11
5. **Mohadjer, S.**, Ehlers, T.A., Bendick, R., Mutz, S.G., 2017. Review of GPS and Quaternary fault slip rates in the Himalaya-Tibet Orogen, *Earth-Science Reviews*, 174, pp. 39-52
6. Dietze, M., **Mohadjer, S.**, Turowski, J. M., Ehlers, T. A., and Hovius, N., 2017. Seismic monitoring of small alpine rockfalls - validity, precision and limitations, *Earth Surf. Dynam.* 5, 653-668
7. **Mohadjer, S.**, Ehlers, T. A., Bendick, R., Stübner, K., and Strube, T., A Quaternary fault database for central Asia, 2016, *Natural Hazards and Earth System Sciences*, 16, 529-542, doi:10.5194/nhess-16-529-2016.
8. Ischuk, A., Bendick, R., Rybin, A., Molnar, P., Khan, S.H., Kuzikov, S., **Mohadjer, S.**, Saydullaev, U., Ilyasova, Z., and Schelochkov, G., Kinematics of the Pamir and Hindu Kush regions from GPS geodesy, 2013, *Journal of Geophysical Research Letters- Solid Earth*, Vol. 118, 1-9 PP
9. **Mohadjer, S.**, Bendick, R., Ischuk, A., Kuzikov, S., Kostuk, A., Saydullaev, Lodi, S., Kakar, D.M., Wasy, A., Khan, M.A., Molnar, P., Bilham, R., and Zubovich, A.V., 2010, Partitioning of India-Eurasia convergence in the Pamir-Hindu Kush from GPS measurements, *Geophysical Research Letters*, Vol. 37, L04305, 6 PP.
10. **Mohadjer, S.**, Bendick, R., Halvorson, S., Saydullaev, U., Hojiboev, O., Stickler, C., Adam, Z., 2010, Earthquake Emergency Education in Dushanbe, Tajikistan, *Journal of Geoscience Education*, v. 58, n. 2, p. 86-94.

USGS Open-File Reports

11. Wilson, F.H., Blodgett, R.B., Blome, C.D., **Mohadjer, S.**, Preller, C.C., Klimasauskas, E.P., Gamble, B.M., and Coonrad, W.L., 2017, Bedrock geologic map of the northern Alaska Peninsula area, southwestern Alaska: U.S. Geological Survey Scientific Investigations Map 2942, pamphlet 43 p., scale 1:350,000, <https://pubs.er.usgs.gov/publication/sim2942>.

12. Wilson, F.H., Hults, C.P., **Mohadjer, S.**, Coonrad, W.L., 2013, Reconnaissance Geologic Map for the Kuskokwim Bay Region of Southwest Alaska, U.S. Geological Survey Scientific Investigations Map 3100, pamphlet 46 p., 1 sheet, scales 1:500,000, 1:300,000, 1:250,000, <https://pubs.usgs.gov/sim/3100/>.
13. Wilson, F.H., **Mohadjer, S.**, Labay, K.A., and Shew, N.B., 2006, Digital datasets for geologic map by Wilson, F.H., Blodgett, R.B., Blome, C.D., Mohadjer, S., Preller, C.C., Klimasauskas, E.P., Gamble, B.M., and Coonrad, W.L.: Preliminary Integrated Geologic Map Databases for the United States: Digital Data for the Reconnaissance Bedrock Geologic Map for the Northern Alaska Peninsula Area, Southwest Alaska: U.S. Geological Survey Open-File Report 2006-1303, on-line only. <https://pubs.er.usgs.gov/publication/ofr20061303>
14. Wilson, F.H., **Mohadjer, S.**, Labay, K.A., and Shew, N.B., 2006, Digital datasets for the geologic map by Wilson, F.H., Mohadjer, S., and Grey, D.M.: Preliminary Integrated Geologic Map Databases for the United States: Digital Data for the Reconnaissance Geologic Map of the Western Aleutian Islands, Alaska: U.S. Geological Survey Open-File Report 2006-1302, on-line only. <http://pubs.usgs.gov/of/2006/1302>
15. Wilson, F.H., **Mohadjer, S.**, and Grey, D.M., in press, Reconnaissance geologic map for the Western Aleutian Islands, Alaska: U.S. Geological Survey Scientific Investigations Map SIM-2941, 31 manuscript pages, various scales, in press (USGS Director's approval 1/3/08). (This is the formal publication to accompany the above Open-File Report).
16. Shew, N.B., Peterson, C.S., Grabman, N., **Mohadjer, S.**, Grunwald, D., Wilson, F.H., and Hults, C.K., 2006, Preliminary Integrated Geologic Map Databases for the United States: Digital Data for the Geology of Southwest Alaska by George E. Gehrels and Henry C. Berg: U.S. Geological Survey Open-File Report 2006-1290, on-line only. <http://pubs.usgs.gov/of/2006/1290/>

Book

17. Benoit, Peter. The Haitian Earthquake of 2010. Content Consultant, **Mohadjer, S.**, United Kingdom: Children's Press, 2011. Print.