Curriculum Vitae

Personal Data

Title	**Dr. habil.**
First name	**Simon**
Name	**Kübler**
Current position	Senior lecturer (Privatdozent, Akademischer Oberrat auf Zeit), until Jan 17 2031
Current institution(s)/site(s), country	Department for Earth- and Environmental Sciences, LMU Munich, Germany
Identifiers/ORCID	0000-0001-5363-8540

Qualifications and Career

Stages	**Periods and Details**
Diplom	Oct 2002 - Mar 31 2008, Geology, Leibniz University Hannover, Germany
Doctorate	April 2008 - Feb 2013, Paleoseismology of the Lower Rhine Graben, Central Europe, LMU Munich, Germany
Habilitation	Oct 2021, Tectonic paleoanthropology of the East African Rift System, LMU Munich, Germany
Stages of academic/professional career	since 2023 Senior lecturer (Privatdozent, akademischer Oberrat a. Z.), Dept. for Earth and Environmental Sciences, LMU Munich 2013-2023 Akademischer Rat a. Z., Dept. for Earth and Environmental Sciences, LMU Munich 2018-2020 Research fellow, University of Colorado, Boulder, USA

Engagement in the Research System

Session Convener: EGU General Assembly 2014, 2016, 2017, 2023; IAS Meeting of Sedimentology 2015; AGU Fall Meeting 2012

Manuscript Reviewer: Asian Journal of Earth Sciences, BSSA, EOS, Geosphere, Geological Society of London, International Journal of Earth Sciences, JGR (Soild Earth and Earth Surface), Natural Hazards, Quaternary International, Quaternary Science Reviews, Tectonophysics, Tectonics, Terra Nova

Scientific Memberships: Deutsche Geologische Gesellschaft - Geologische Vereinigung, European Geoscience Union, American Geophysical Union, British Institute in Eastern Africa.

Selected Publications

A. Ludat, and **S. Kübler**, 2023, Tectonic controls on the ecosystem of the Mara River Basin, East Africa, from geomorphological and spectral index analysis. Biogeosciences 20(10), 1991-2012 DOI: 10.5194/bg-20-1991-2023, Open access

E. Robakiewicz, B. Owen, C. Rosca, A. Deino, Y. Garcin, M. Trauth, **S. Kübler**, A. Junginger 2023, Hydroclimate reconstructions in the Suguta Valley, northern Kenya, during the Early-Middle Pleistocene transition. Palaeogeography, Plaeoclimatology, Palaeoecology, 628, 111758 DOI: 10.1016/j.palaeo.2023.111758.

S. Kübler, S. Rucina, D. Aßbichler, E. Eckmeier, G. King (2021), Lithological and Topographic Impact on Soil Nutrient Distributions in Tectonic Landscapes: Implications for Pleistocene Human-Landscape Interactions in the Southern Kenya Rift, Frontiers in Earth Science, 9, 103, DOI: 10.3389/feart.2021.611687, Open access

S. Kübler, G. Bailey, S. Rucina, M. Devés, and G. King (2020), Rift Dynamics and Archaeological Sites: Acheulean Land Use in Geologically Unstable Settings. *In* Grove et al. (eds.) Landscapes of human evolution, Archaeopress Archaeology, DOI: 10.2307/j.ctvx5w983.8.

S. Kübler, G. King, M. Devés, R. Inglis, G. Bailey (2019), Tectonic geomorphology and soil edaphics as controls on animal migrations and early human settlement and dispersal. *In* Rasul and Stewart (eds.) Geological Setting, Palaeoenvironment and Archaeology of the Red Sea, 635-673. DOI: 10.1007/978-3-319-99408-6_29.

S. Kübler, A. M. Friedrich, R. Gold, M. Strecker, 2018, Historical coseismic surface deformation of fluvial gravel deposits, Schafberg fault, Lower Rhine Graben, Germany. International Journal of Earth Sciences, 1-15. DOI: 10.1007/s00531-017-1510-9.

S. Kübler, R. Streich, E. Lück, M. Hoffmann, A. Friedrich, M. Strecker, 2017, Active faulting in a populated low strain setting (Lower Rhine Graben, Central Europe) identified by geomorphic, geophysical and geological analysis. The Geological Society, Special Publications, London 432, 127-146, DOI: 10.1144/SP432.11.

R. Gold, A. M. Friedrich, **S. Kübler**, M. Salamon, 2017, Apparent Late Quaternary Fault-Slip Rate Increase in the Southern Lower Rhine Graben, Central Europe, BSSA. DOI: 10.1785/0120160197.

S. Kübler, S. Rucina, S. Reynolds, P. Owenga, G. Bailey, G. King (2016), Edaphic and Topographic Constraints on Exploitation of the Central Kenya Rift by Large Mammals and Early Hominins. OpenQuaternary 2(2). DOI: 10.5334/oq.21. Open access

S. Kübler, P. Owenga, S. Reynolds, S. Rucina, G. King (2015), Animal movements in the Kenya Rift and evidence for earliest ambush hunting by hominins. Nature Scientific Reports 5. DOI: 0.1038srep14011. Open access

Theses

S. Kübler, 2021, Tectonic Paleoanthropology – long-term human-landscape interactions in tectonically active settings, habilitation thesis, LMU Munich

S. Kübler, 2013, Active tectonics of the Lower Rhine Graben (NW Central Europe),PhD thesis, LMU Munich.

S. Kübler, 2008, Short –Term Geologic Slip Rates and Strain Distribution in the Eastern California Shear Zone. Diploma thesis (Diplomarbeit), Leibniz University Hannover.