

Publications

2022

- Adolph, M.-L., R. Lampe, S. Lorenz, **T. Haberzettl** (2022): Characterization of (paleo)lacustrine landforms using sedimentological and portable OSL investigations at Schweriner See, north-eastern Germany. *Earth Surface Processes and Landforms* 47(2), 422-435, <https://doi.org/10.1002/esp.5258>
- Bliedtner, M., P. Strobel, J. Struck, G. Salazar, S. Szidat, N. Nowaczyk, E. Bazarradnaa, R. Lloren, N. Dubois, **T. Haberzettl**, R. Zech (2022): Holocene Temperature Variations in Semi-Arid Central Mongolia—A Chronological and Sedimentological Perspective From a 7400-year Lake Sediment Record From the Khangai Mountains. *Frontiers in Earth Science* 10, doi:10.3389/feart.2022.910782.
- Mehlhorn, P., M. Humphries, J. Gensel, A. Buah-Kwofie, R. Lubem Tyohemba, **T. Haberzettl** (2022): Organochlorine pesticide contamination in sediments from Richards Bay, South Africa: spatial trends and ecotoxicological risks. *Environmental Science and Pollution Research*, <https://doi.org/10.1007/s11356-022-22298-0>
- Reinhardt, A., T. Kasper, M. Lochner, M. Bliedtner, K. Krahn, **T. Haberzettl**, L. Shumilovskikh, J.-J. Rahobisoa, R. Zech, C. Favier, H. Behling, L. Bremond, G. Daut, V. Montade (2022): Rain Forest Fragmentation and Environmental Dynamics on Nosy Be Island (NW Madagascar) at 1300 cal BP is Attributable to Intensified Human Impact. *Frontiers in Ecology and Evolution* 9, 783770.
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- Dladla, N.N., A.N. Green, J.A.G. Cooper, P. Mehlhorn, **T. Haberzettl** (2021): Bayhead delta evolution in the context of late Quaternary and Holocene sea-level change, Richards Bay, South Africa. *Marine Geology* 441, 106608.
- du Plessis, N., B. Chase, L. Quick, P. Strobel, **T. Haberzettl**, M. Meadows (2021): A c. 650 year pollen and microcharcoal record from Vankervelsvlei, South Africa. In: Runge, J., W. Gosling, A.-M. Lézine, L. Scott (eds.): *Quaternary Vegetation Dynamics – The African Pollen Database*.
- Eggert, T., A. Katzschmann, T. Kasper, M. Knipping, L. Werther, P. Wolters, P. Ettel, **T. Haberzettl** (2021): Sedimentologische und palynologische Untersuchungen am Hohenrother See. In: Ettel P., L. Werther, P. Wolters (eds.): *Siedlung – Landschaft – Wirtschaft. Aktuelle Forschungen im frühmittelalterlichen Pfalzgebiet Salz (Unterfranken)*. Jenaer Schriften zur Vor- und Frühgeschichte, Band 11, 221-236.
- Haberzettl, T.**, T. Kasper, J.S. Stoner, J.J. Rahobisoa, G. Daut (2021): Extending and refining the paleomagnetic secular variation database for south-eastern Africa (Madagascar) to 2500 cal BP. *Earth and Planetary Science Letters* 565, 116931.

- Kasper, T., J. Wang, A. Schwalb, G. Daut, B. Plessen, L. Zhu, R. Mäusbacher, **T. Haberzettl** (2021): Precipitation dynamics on the Tibetan Plateau during the Late Quaternary – Hydroclimatic sedimentary proxies versus lake level variability. *Global and Planetary Change* 205, 103594.
- Laug, A., **T. Haberzettl**, A. Pannes, A. Schwarz, F. Turner, J. Wang, S. Engels, S. Rigterink, N. Börner, M. Ahlborn, J. Ju, A. Schwalb (2021): Holocene paleoenvironmental change inferred from two sediment cores collected in the Tibetan lake Taro Co. *Journal of Paleolimnology* 66, 171-186.
- Mehlhorn, P., F. Viehberg, K. Kirsten, B. Newman, P. Frenzel, O. Gildeeva, A. Green, A. Hahn, **T. Haberzettl** (2021): Spatial distribution and consequences of contaminants in harbour sediments – A case study from Richards Bay Harbour, South Africa. *Marine Pollution Bulletin* 172, 112764.
- Miehe, G., S. u. Hasson, B. Glaser, S. Mischke, J. Böhner, W.O.v.d. Knaap, J.F.N.v. Leeuwen, La Duo, S. Miehe, **T. Haberzettl** (2021): Föhn, fire and grazing in Southern Tibet? A 20,000-year multi-proxy record in an alpine ecotonal ecosystem. *Quaternary Science Reviews* 256, 106817.
- Strobel, P., M. Bliedtner, A.S. Carr, P. Frenzel, B. Klaes, G. Salazar, J. Struck, S. Szidat, R. Zech, **T. Haberzettl** (2021): Holocene sea level and environmental change at the southern Cape – an 8.5 kyr multi-proxy paleoclimate record from Lake Voëlvlei, South Africa, *Climate of the Past* 17, 1567–1586.

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- Ma, Q., L. Zhu, J. Wang, J. Ju, Y. Wang, X. Lü, T. Kasper, **T. Haberzettl** (2020): Late Holocene vegetation responses to climate change and human impact on the central Tibetan Plateau. *Science of The Total Environment* 708, 135370.
- Strobel, P., **T. Haberzettl**, M. Bliedtner, J. Struck, B. Glaser, M. Zech, R. Zech (2020): The potential of $\delta^{2}\text{H}_{\text{n-alkanes}}$ and $\delta^{18}\text{O}_{\text{sugar}}$ for paleoclimate reconstruction – A regional calibration study for South Africa. *Science of the Total Environment* 716, 137045.
- Wang, J., L. Huang, J. Ju, G. Daut, Q. Ma, L. Zhu, **T. Haberzettl**, J. Baade, R. Mäusbacher, A. Hamilton, K. Graves, J. Olsthoorn, B. Laval (2020): Seasonal stratification of a deep, high-altitude, dimictic lake: Nam Co, Tibetan Plateau. *Journal of Hydrology* 584, 124668.

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- Haberzettl, T.**, K.L. Kirsten, T. Kasper, S. Franz, B. Reinwarth, J. Baade, G. Daut, M.E. Meadows, Y. Su, R. Mäusbacher (2019): Using ^{210}Pb -data and paleomagnetic secular variations to date anthropogenic impact on a lake system in the Western Cape, South Africa. *Quaternary Geochronology* 51, 53-63.
- Ma, Q., L. Zhu, X. Lü, J. Wang, J. Ju, T. Kasper, G. Daut, **T. Haberzettl** (2019): Late glacial and Holocene vegetation and climate variations at Lake Tangra Yumco, central Tibetan Plateau. *Global and Planetary Change* 174, 16-25.
- Strobel, P., T. Kasper, P. Frenzel, K. Schitteck, L.J. Quick, M.E. Meadows, R. Mäusbacher, **T. Haberzettl** (2019): Late Quaternary palaeoenvironmental change in the year-round rainfall zone of South Africa derived from peat sediments from Vankervelsvlei. *Quaternary Science Reviews* 218, 200-214.
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- Kirsten, K., J. Fell, P. Frenzel, S. Meschner, T. Kasper, M. Wüdsch, M. Meadows, **T. Haberzettl** (2018): The spatial heterogeneity of micro- and meio-organisms and their significance in understanding coastal system dynamics. *Estuarine, Coastal and Shelf Science* 213, 98-107.
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- Wündsche, M., **T. Haberzettl**, M. Meadows, M. Zabel, G. Daut, H. Cawthra, T. Kasper, K. Kirsten, L. Quick, P. Frenzel, J. Baade, R. Mäusbacher (2018): Holocene environmental change along the southern Cape coast of South Africa – Insights from the Eilandvlei sediment record spanning the last 8.9 kyr. *Global and Planetary Change* 163, 51-66.

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- Ma, Q., L. Zhu, J. Wang, J. Ju, X. Lü, Y. Wang, Y. Guo, R. Yang, T. Kasper, **T. Haberzettl**, L. Tang (2017): *Artemisia*/Chenopodiaceae ratio from surface lake sediments on the central and western Tibetan Plateau and its application. *Palaeogeography, Palaeoclimatology, Palaeoecology* 479, 138-145.
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