

Publications

2020

- Kirsten, K., T. Kasper, H. Cawthra, P. Strobel, L. Quick, M. Meadows, **T. Haberzettl** (2020): Holocene variability in climate and oceanic conditions in the winter rainfall zone of South Africa—inferred from a high resolution diatom record from Verlorenvlei. *Journal of Quaternary Science*, <https://doi.org/10.1002/jqs.3200>.
- 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.
- Wang, J., L. Huang, J. Ju, G. Daut, Y. Wang, Q. Ma, L. Zhu, **T. Haberzettl**, J. Baade, R. Mäusbacher (2019): Spatial and temporal variations in water temperature in a high-altitude deep dimictic mountain lake (Nam Co), central Tibetan Plateau. *Journal of Great Lakes Research* 45(2), 212-223.
- Zolitschka, B., M. Fey, S. Janssen, N. Maidana, C. Mayr, S. Wulf, **T. Haberzettl**, H. Corbella, A. Lücke, C. Ohlendorf, F. Schäbitz (2019): Southern Hemispheric Westerlies control sedimentary processes of Laguna Azul (south-eastern Patagonia, Argentina). *The Holocene* 29(3), 403-420.

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- Kirsten, K., **T. Haberzettl**, M. Wündsche, P. Frenzel, S. Meschner, A. Smit, L. Quick, R. Mäusbacher, M. Meadows (2018): A multiproxy study of the ocean-atmospheric forcing and the impact of sea-level changes on the southern Cape coast, South Africa during the Holocene. *Palaeogeography, Palaeoclimatology, Palaeoecology* 496, 282-291.
- Longo W., Y. Huang, Y. Yao, J. Zhao, A. Giblin, X. Wang, R. Zech, **T. Haberzettl**, L. Jardillier, J. Toney, Z. Liu, S. Krivonogov, M. Kolpakova, G. Chu, W. D'Andrea, N. Harada, K. Nagashima, M. Sato, H. Yonenobu, K. Yamada, K. Gotanda, Y. Shinozuka (2018): Widespread occurrence of distinct alkenones from Group I haptophytes in freshwater lakes: Implications for paleotemperature and paleoenvironmental reconstructions. *Earth and Planetary Science Letters* 492, 239-250.
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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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