

## Publikationen (Stand 2024)

### Datierungsmethoden

- Schellmann, G., **Schielein, P.**, Burow, Chr. & Radtke, U. (2020): Accuracy of ESR Dating of small gastropods from loess and fluvial deposits in the Bavarian Alpine Foreland. *Quaternary International*, 556, 198-215, <https://doi.org/10.1016/j.quaint.2019.07.026>
- **Schielein, P.**, Burow, Chr., Pajon, J., Consiegra, R.R., Zhao, J. & Schellmann, G. (2019): ESR and U/Th dating results for Last Interglacial coral reef terraces at the northern coast of Cuba. *Quaternary International*, 556, 216-229, <https://doi.org/10.1016/j.quaint.2019.11.041>

### Geomorphologie der Flüsse und Küsten

- Schellmann, G., **Schielein, P.**, Rähle, W. & Burow, Ch. (2019): The formation of Middle and Upper Pleistocene terraces (*Übergangsterrassen* and *Hochterrassen*) in the Bavarian Alpine Foreland - new numeric dating results (ESR, OSL, <sup>14</sup>C) and gastropod fauna analysis. *E&G Quaternary Science Journal*, 68, 141-164, <https://doi.org/10.5194/egqsj-68-141-2019>
- **Schielein, P.**, Schellmann, G., Lomax, J., Preusser, F. & Fiebig, M. (2015): Chronostratigraphy of the Hochterrassen in the lower Lech valley [Northern Alpine Foreland]. *E&G Quaternary Science Journal*, 64, 15-8, <https://doi.org/10.3285/eg.64.1.02>
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- Schellmann, G., Gesslein, B. & **Schielein, P.** (2012): Neue Befunde zur Würmlöß-Stratigraphie in der Kiesgrube Gewanne I (Augsburger Hochterrasse). - In: GREGOR, H.-J. (Hrsg.): Die Eiszeit in Bobingen. Neue Befunde und Ergebnisse aus Kiesgruben der Fa. LAUTER (Landkreis Augsburg, Bayern), *Documenta naturae*, 191, 35-36, ISBN: 978-3-86544-191-1, [Documenta naturae](https://doi.org/10.3285/eg.64.1.02), 191
- **Schielein, P.** (2012): Jungquartäre Flussgeschichte des Lechs unterhalb von Augsburg und der angrenzenden Donau. *Bamberger Geogr. Schr.*, SF 9, <https://doi.org/10.20378/irb-572>
- **Schielein, P.**, SCHELLMANN, G. & LOMAX, J. (2011): Stratigraphy of Late Quaternary fluvial terraces at the confluence of Lech and Danube valleys. *E&G Quaternary Science Journal*, Vol. 60 (4), 414-424, <https://doi.org/10.3285/eg.60.4.02>
- **Schielein, P.** (2010): Neuzeitliche Flusslaufverlagerungen des Lechs und der Donau im Lechmündungsgebiet - qualitative und quantitative Analysen historischer Karten. *Bamberger Geogr. Schr.*, 24, 215-241.
- **Schielein, P.**, Zschau, J., Woith, H. & Schellmann, G. (2007): Tsunamigefährdung im Mittelmeer - Eine Analyse geomorphologischer und historischer Zeugnisse. *Bamberger Geogr. Schr.*, 22, 153-199.

### Geoarchäologie, Paläoumweltforschung und Bodenkunde

- Leceta, F.; Binder, C.; Mader, C.; Mächtle, B.; Marsh, E.; Dietrich, L.; Reindel, M.; Eitel, B.; **Meister, J.** (2024): The impact of agriculture on tropical mountain soils in the western Peruvian Andes: a pedo-geoarchaeological study of terrace agricultural systems in the Laramate region (14.5°S). *SOIL*, 10, 727-761, <https://doi.org/10.5194/soil-10-727-2024>
- Garbe, P.; El-Raouf, A.; Es-Senussi, A.; Lange-Athinodorou, E.; **Meister, J.** (2024): Lost and potentially found: The location of the 'Temple of Hermes' at ancient Bubastis in the Nile Delta (Egypt), *E&G Quaternary Science Journal*, 73(1), 95-99, <https://doi.org/10.5194/egqsj-73-95-2024>
- Mader, C.; Godde, P.; Behl, M.; Binder, C.; E. Hägele; Isla, J.; Leceta, F.; Lyons, M.; Marsh, E.; Odenthal, R.; Fernengel, E.; Stryjski, P.; Weber, A.K.; Reindel, M.; **Meister, J.** (2024): An integrative approach to ancient agricultural terraces and forms of dependency: the case of Cutamalla in the prehispanic Andes, *Frontiers in Environmental Archaeology*, 3, <https://doi.org/10.3389/fearc.2024.1328315>

- Garbe, P., El-Raouf, A. A., Es-Senussi, A., Lange-Athinodorou, E., & **Meister, J.** (2024): Holocene landscape reconstruction in the surroundings of the Temple of Pepi I at ancient Bubastis, southeastern Nile Delta (Egypt), *Geoarchaeology*, 39, 17–34, <https://doi.org/10.1002/gea.21981>
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- Mader, C.; Reindel, M.; Isla, J.; Behl, M.; **Meister, J.**; Hölzl, S. (2023): In the land of the apu: Cerro Llamocca as a sacred mountain and central place in the pre-Columbian Andes of southern Peru, *Journal of Archaeological Science: Reports*, 49, 104045, <https://doi.org/10.1016/j.jasrep.2023.104045>
- Garbe, P.; Lange-Athinodorou, E.; **Meister, J.** (2023) : Mensch-Umwelt-Beziehungen im altägyptischen Nildelta, *Geographische Rundschau*, 75 (5), 10–16, <https://www.westermann.de/anlage/4654308/Mensch-Umwelt-Beziehungen-im-altaegyptischen-Nildelta>
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- Kirchner, A.; Hermann, H.; Madras, P.; Müller, I.; **Meister, J.**; Schattner, T. (2022): A pedo-geomorphological view on land use and its potential in the surroundings of the ancient Hispano-Roman city Munigua (Seville, SW-Spain), *E&G Quaternary Science Journal*, 71, 123–143, <https://doi.org/10.5194/egqsj-71-123-2022>
- Dietrich, L., Dietrich, O., **Meister, J.** (2022): Hermetic Cereal Storage in the Bronze Age: Evidence from the Gáva Culture Settlement at Rotbav, Transylvania, *Documenta Praehistorica*, 49, 2–10, <https://doi.org/10.4312/dp.49.1>
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## Quartärgeologie

- Schellmann, G., **Schielein, P.**, Burow, Ch. & Radtke, U. (2020): Accuracy of ESR Dating of small gastropods from loess and fluvial deposits in the Bavarian Alpine Foreland. *Quaternary International*, 556, 198-215, [doi.org/10.1016/j.quaint.2019.07.026](https://doi.org/10.1016/j.quaint.2019.07.026)
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## Fernerkundung

- Ullmann, T.; Möller, E.; Baumhauer, B.; Lange-Athinodorou, E.; **Meister, J.** (2022): A new Google Earth Engine tool for spaceborne detection of buried palaeogeographical features – examples from the Nile Delta (Egypt). *E&G Quaternary Science Journal*, 71, 243–247, <https://doi.org/10.5194/egqsj-71-243-2022>
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