

CV & Publications

1) General information

- Sabine Hunze, Dr. rer. nat.
- Institut für Planetologie, Westfälische Wilhelms-Universität Münster, Wilhelm-Klemm-Straße 10, 48149 Münster
Tel.: +49 251 83- 39081, e-mail: sabine.hunze@uni-muenster.de.
- Current position: Scientific Coordinator TRR 170

2) Academic education and degrees

- 1994-1998 Diploma (MSc equivalent) geology at Rheinisch-Westfälische Technische Hochschule RWTH Aachen (Germany).
Diploma mapping project: Petrological mapping in Broken Hill, Australia, cooperation with Monash University Melbourne, Australia (supervisor Prof. Dr. Kurt Stüwe)
Diploma Thesis: Characterization of sediment sequences of ODP-Leg 173 (Iberia Abyssal Plain) using geophysical borehole measurements
- 1991-1994 Pre-diploma (bachelor equivalent) geology/palaeontology at Rheinische Friedrich-Wilhelms-Universität Bonn (Germany)

3) Scientific degrees

- 1998-2003 Doctoral degree at LIAG Hannover and Clausthal University of Technology.
PhD thesis: Lithologic-differential compaction of sediments in the accretionary prisms of Barbados and Nankai: An interpretation of downhole measurements from ODP drill sites (supervisor: Prof. Dr. Hans-Joachim Kumpel)

4) International projects

- 05/2001 Participation at drill site of the Ocean Drilling Program (ODP) Leg 196 'Nankai Trough accretionary prism (Japan)' as responsible specialist for downhole logging (Logging While Drilling)
- 05–07/2000 Participation at drill site of the Ocean Drilling Program (ODP) Leg 190 'Nankai Trough accretionary prism (Japan)' as specialist for core measurements (physical properties)

5) Professional experience

- Since 2020: Scientific coordinator in the TRR 170, Westfälischen Wilhelms-Universität Münster, speaker: Prof. Dr. Thorsten Kleine (Institut für Planetologie)
- 2013-2020: Scientific coordinator in the TRR 61, Westfälischen Wilhelms-Universität Münster, speaker: Prof. Dr. Harald Fuchs (Physikalisches Institut)
- 2006 – 2012: Research Associate, Leibniz Institut für Angewandte Geophysik (LIAG) Hannover, Sektion S5 „Gesteinsphysik und Bohrlochgeophysik“
- 2004 – 2005: Research Associate at Research Center Ocean Margins (RCOM) Bremen, section: Marine engineering geology

- 1998 – 2004: Research Associate at Leibniz Institut für Angewandte Geophysik (LIAG) Hannover, Sektion S2 „Bohrlochgeophysik und Geoelektrik“

6) *Further education in science management*

- 03/2019-12/2020 Certificate course in university and science management, WWU Weiterbildung Münster
- 10/2016 - 04/2018 Successful participation at program in university and science management „Frauen managen Hochschule“ WWU Münster

7) *Publications*

Articles in peer-reviewed journals (selection)

- Schootbrugge, van de, B., Richoz, S., Pross, J., Luppold, F.W., Hunze, S., Wonik, T., Blau, J., Meister, C., van der Weijst, C.M.H., Suan, G., Fraguas, A., Fiebig, J., Herrle, J.O., Guex, J., Little, C.T.S., Wignall, P.B., Püttmann W. & Oschmann, W. (2018): The Schandelah Scientific Drilling Project: A 25-million-year record of Early Jurassic palaeo-environmental change from northern Germany, *Newsletters on Stratigraphy*. doi: 10.1127/nos/2018/0259
- Hunze, S., Schröder, H., Kuhn, G. & Wonik, T. (2013): Lithostratigraphy determined from downhole logs in the AND-2A borehole, southern Victoria Land Basin, McMurdo Sound, Antarctica, *Geosphere*, 9 (1), 63-73. doi: 10.1130/ges00774.1.
- Hunze, S. & Wonik, T. (2008): Sediment Input into the Heidelberg Basin as determined from Downhole Logs, *Eiszeitalter & Gegenwart Quaternary Science Journal*, 57 (3-4), 367-381.
- Hunze, S. & Wonik, T. (2007): Lithological and structural characteristics of the Lake Bosumtwi impact crater, Ghana: Interpretation of acoustic televiwer images. *Meteoritics & Planetary Science*, 42, 779–792. doi: 10.1111/j.1945-5100.2007.tb01074.x
- Hunze, S., & T. Wonik (2007), Compaction in the Nankai and Barbados accretionary prisms: New insights from logging-while-drilling data, *Geochem. Geophys. Geosyst.*, 8, Q02003, doi: 10.1029/2006GC001277.
- Henry, P., Jouniaux, L., Screaton, E. J., Hunze, S. & Saffer, D. M. (2003), Anisotropy of electrical conductivity record of initial strain at the toe of the Nankai accretionary wedge, *J. Geophys. Res.*, 108, 2407, doi: 10.1029/2002JB002287.
- Screaton, E., Saffer, D., Henry, P. & Hunze, S. (2002): Porosity loss within the underthrust sediments of the Nankai accretionary complex: Implications for overpressures, *Geology*, 30 (1), 19-22.