

## First Publications – DEKORP 1996-01 (BASIN)

- DEKORP-BASIN Research Group (1998). Survey Provides Seismic Insights Into an Old Suture Zone. *Eos*, 79 (12), 151, 159. doi: [10.1029/98EO00113](https://doi.org/10.1029/98EO00113)
- DEKORP-BASIN Research Group (1999). Deep crustal structure of the Northeast German basin: New DEKORP-BASIN '96 deep-profiling results. *Geology*, 27 (1), 55 – 58. doi: [10.1130/0091-7613\(1999\)027<0055:DCSOTN>2.3.CO;2](https://doi.org/10.1130/0091-7613(1999)027<0055:DCSOTN>2.3.CO;2)
- Krawczyk, C.M., Stiller, M. & DEKORP-BASIN Research Group (1999). Reflection seismic constraints on Paleozoic crustal structure and Moho beneath the NE German Basin. *Tectonophysics*, 314 (1-3), 241 – 253. doi: [10.1016/S0040-1951\(99\)00246-2](https://doi.org/10.1016/S0040-1951(99)00246-2)

## Other Publications – DEKORP 1996-01 (BASIN)

- Bayer, U., Scheck, M., Rabbal, W., Krawczyk, C.M., Götze, H.-J., Stiller, M., Beilecke, T., Marotta, A.M., Barrio-Alvers, L. & Kuder J. (1999). An integrated study of the NE German Basin. *Tectonophysics*, 314 (1-3), 285 – 307. doi: [10.1016/S0040-1951\(99\)00249-8](https://doi.org/10.1016/S0040-1951(99)00249-8)
- Bayer, U., Grad, M., Pharaoh, T.C., Thybo, H., Guterch, A., Banka, D., Lamarche, J., Lassen, A., Lewerenz, B., Scheck, M. & Marotta, A.M. (2002). The southern margin of the East European Craton: new results from seismic sounding and potential fields between the North Sea and Poland. *Tectonophysics*, 360, 301 – 314. doi: [10.1016/S0040-1951\(02\)00359-1](https://doi.org/10.1016/S0040-1951(02)00359-1)
- Bleibinhaus, F., Beilecke, Th., Bram, K. & Gebrande, H. (1999). A seismic velocity model for the SW Baltic Sea derived from BASIN'96 refraction seismic data. *Tectonophysics*, 314 (1-3), 269 – 283. doi: [10.1016/S0040-1951\(99\)00248-6](https://doi.org/10.1016/S0040-1951(99)00248-6)
- Brink, H.-J. (2011). The crustal structure around the Harz Mountains (Germany): review and analysis. *Z. dt. Ges. Geowiss.*, 162 (3), 235 – 250. doi: [10.1127/1860-1804/2011/0162-0235](https://doi.org/10.1127/1860-1804/2011/0162-0235)
- Gossler, J., Kind, R., Sobolev, S.V., Kämpf, H., Wylegalla, K., Stiller, M. & TOR Working Group (1999). Major crustal features between the Harz Mountains and the Baltic Shield derived from receiver functions. *Tectonophysics*, 314 (1-3), 321 – 333. doi: [10.1016/S0040-1951\(99\)00251-6](https://doi.org/10.1016/S0040-1951(99)00251-6)
- Hecht, Ch.A., Lempp, Ch. & Scheck, M. (2003). Geomechanical model for the post-Variscan evolution of the Permocarboniferous-Mesozoic basins in Northeast Germany. *Tectonophysics*, 373, 125 – 139. doi: [10.1016/S0040-1951\(03\)00288-9](https://doi.org/10.1016/S0040-1951(03)00288-9)
- Kossow, D. & Krawczyk, C.M. (2002). Structure and quantification of processes controlling the evolution of the inverted NE-German Basin. *Marine and Petroleum Geology*, 19 (5), 601 – 618. doi: [10.1016/S0264-8172\(02\)00032-6](https://doi.org/10.1016/S0264-8172(02)00032-6)
- Mayer, P., Zöllner, H., Schmidt, V., Meyer, H.G. & Schikowsky, P. (2001). Beiträge zum Strukturbaue des Präezechsteins im Bereich des NE-Abschnittes des DEKORP-Profiles BASIN '96 auf der Grundlage reprozessierter industrieseismischer Felddaten (DFG-Projekt VPSS II). *Z. geol. Wiss.*, 29, 267 – 273. <http://www.zgw-online.de/en/media/267-013.pdf>
- Mazur, S., Scheck-Wenderoth, M. & Krzywiec, P. (2005). Different modes of the Late Cretaceous – Early Tertiary inversion in the North German and Polish basins. *Int J Earth Sci (Geol Rundsch)*, 94, 782–798. doi: [10.1007/s00531-005-0016-z](https://doi.org/10.1007/s00531-005-0016-z)
- Scheck, M., Bayer, U. & Lewerenz, B. (2003). Salt redistribution during extension and inversion inferred from 3D backstripping. *Tectonophysics*, 373 (1-4), 55 – 73. doi: [10.1016/S0040-1951\(03\)00283-X](https://doi.org/10.1016/S0040-1951(03)00283-X)
- Scheck, M., Barrio-Alvers, L., Bayer, U. & Götze, H.-J. (1999). Density structure of the Northeast German basin: 3D modelling along the DEKORP line BASIN96. *Physics and Chemistry of the Earth, Part A: Solid Earth and Geodesy*, 24 (3), 221 – 230. doi: [10.1016/S1464-1895\(99\)00022-8](https://doi.org/10.1016/S1464-1895(99)00022-8)
- Scheck, M., Bayer, U., Otto, V., Lamarche, J., Banka, D. & Pharaoh, T. (2002). The Elbe Fault System in North Central Europe – a basement controlled zone of crustal weakness. *Tectonophysics*, 360, 281 – 299. doi: [10.1016/S0040-1951\(02\)00357-8](https://doi.org/10.1016/S0040-1951(02)00357-8)