

## Publications scientifiques

- [1] R. Corseri, S. Planke, L. J. Gelius, J. I. Faleide, K. Senger, and M. M. Abdelmalak. "Magnetotelluric image of a hyper-extended and serpentinized rift system". In: *Earth and Planetary Science Letters* 602 (2023). ISSN: 0012821X. DOI: [10.1016/j.epsl.2022.117914](https://doi.org/10.1016/j.epsl.2022.117914).
- [2] R. Corseri, S. Planke, J. I. Faleide, K. Senger, L. J. Gelius, and S. E. Johansen. "Opportunistic magnetotelluric transects from CSEM surveys in the Barents Sea". In: *Geophysical Journal International* (2021). ISSN: 0956-540X 1365-246X. DOI: [10.1093/gji/ggab312](https://doi.org/10.1093/gji/ggab312).
- [3] R. Corseri, T. S. Faleide, J. I. Faleide, I. Midtkandal, C. S. Serck, M. Trulsvik, and S. Planke. "A diverted submarine channel of Early Cretaceous age revealed by high-resolution seismic data, SW Barents Sea". In: *Marine and Petroleum Geology* 98 (2018), pp. 462–476. ISSN: 02648172. DOI: [10.1016/j.marpetgeo.2018.08.037](https://doi.org/10.1016/j.marpetgeo.2018.08.037).
- [4] R. Corseri, S. Gac, J. I. Faleide, and S. Planke. "The tectonized central peak of the Mjølnir Impact Crater, Barents Sea". In: *Journal of Structural Geology* 131 (2020). ISSN: 01918141. DOI: [10.1016/j.jsg.2019.103953](https://doi.org/10.1016/j.jsg.2019.103953).
- [5] T. S. Faleide, I. Midtkandal, S. Planke, R. Corseri, J. I. Faleide, C. S. Serck, and J. P. Nystuen. "Characterisation and development of Early Cretaceous shelf platform deposition and faulting in the Hoop area, southwestern Barents Sea—constrained by high-resolution seismic data". In: *Norwegian Journal of Geology* (2019). ISSN: 23875844 23875852. DOI: [10.17850/njg99-3-7](https://doi.org/10.17850/njg99-3-7).
- [6] I. Midtkandal, J. I. Faleide, T. S. Faleide, C. S. Serck, S. Planke, R. Corseri, M. Dimitriou, and J. P. Nystuen. "Lower Cretaceous Barents Sea strata: epicontinental basin configuration, timing, correlation and depositional dynamics". In: *Geological Magazine* (2019), pp. 1–19. ISSN: 0016-7568 1469-5081. DOI: [10.1017/s0016756819000918](https://doi.org/10.1017/s0016756819000918).
- [7] R. Corseri, K. Senger, K. Selway, M. M. Abdelmalak, S. Planke, and D. A. Jerram. "Magnetotelluric evidence for massive sulphide mineralization in intruded sediments of the outer Vøring Basin, mid-Norway". In: *Tectonophysics* 706-707 (2017), pp. 196–205. ISSN: 00401951. DOI: [10.1016/j.tecto.2017.04.011](https://doi.org/10.1016/j.tecto.2017.04.011).

## Manuscrit en révision

- [8] R. Corseri, H. Seillé, J. I. Faleide, S. Planke, K. Senger, M. M. Abdelmalak, L. J. Gelius, G. Mohn, and G. Visser. "Deep basin conductor characterization using machine learning-assisted magnetotelluric Bayesian inversion in the SW Barents Sea". In: *Geophysical Journal International* Preprint, (In review). DOI: [https://github.com/rcorseri/Paper3/blob/main/Manuscript\\_Clean\\_R1.pdf](https://github.com/rcorseri/Paper3/blob/main/Manuscript_Clean_R1.pdf).

## Thèse de doctorat

- [9] R. Corseri. "Magnetotelluric Investigations of Rifted Systems - Data Analysis, Inversion and Application to the SW Barents Sea". Defence: January 26<sup>th</sup>, 2024. PhD thesis. (2023). DOI: <http://hdl.handle.net/10852/107396>.