

Dr. Rolf Wagner

BLZ Geotechnik GmbH



Education/studies

- 1968 to 1972 Studies at the TU Bergakademie Freiberg (specializing in geotechnics and mining - deep drilling technology); Diploma thesis on the topic: Deviations from Darcy's law - theoretical and experimental investigations
- 1990 Dissertation on the topic: Mathematical-geohydrodynamic investigations and experiences with field tests in boreholes with impulse excitation
- 2008 to 2024 several publications and lectures in the field of near-surface geothermal energy, including co-author of the book "Bau und Berechnung von Erdwärmeeanlagen" Springer-Verlag 2015

Details of current professional position

- Since 1972 engineering activity for services in deep drilling - from 1990 managing director of BLZ Geotechnik GmbH with the business fields of borehole cementing, casing and openhole tests, borehole measurement, well construction, geothermal energy and old mine rehabilitation.
- Establishment of a business field for the development and manufacture of complete geothermal systems with direct evaporation probes.

Details of current projects

- DBU - Research topic on the production and application of
- Brine circulation geothermal probes with high heat transfer capacity