

IP related publications in 2013

- BAIRLEIN K., BÜCKER M., HOERDT A. & NORDSIEK S. (2013): Experimental and theoretical studies of the temperature dependence of spectral induced polarization (SIP) based on a membrane polarization model. NSG, Ext. Abstract.
- BUECKER M. & HOERDT A. (2013): Analytical modelling of membrane polarization with explicit parameterization of pore radii and the electrical double layer. GJI, 2013, 194, 804-813.
- BUECKER M. & HOERDT A. (2013): Long and short narrow models for membrane polarization. Geophysics, 78, 6, 299-314.
- DAHLIN T. & LEROUX V. (2012): Improvement in time-domain induced polarization data quality with multi-electrode systems by separating current and potential cables.
- GAZOTY A., FIANDACA G., PEDERSEN J., AUKEN E. & CHRISTANSEN A.V. (2013): Data repeatability and acquisition techniques for time-domain spectral induced polarization. Near Surface Geophysics, July 2013.
- GURIN G., TARASOV A., ILYIN Y. & TITOV K. (2013): Time domain spectral induced polarization of disseminated electronic conductors: Laboratory data analysis through the Debye decomposition approach. Journal of Applied Geophysics 98 (2013), 44-53.
- HOERDT A. & BUECKER M. (2013): The Salinity Dependence of Spectral Induced Polarization Studied with an Extended Model of Membrane Polarization. NSG, Extended Abstract.
- MARTIN T. & GÜNTHER T. (2013): Complex Resistivity Tomography (CRT) for fungus detection on standing oak trees. European Journal of Forest Research (2013) 132 (5-6), 765-776. DOI 10.1007/s10342-013-0711-4.
- NORDSIEK S., HOERDT A., DIAMANTOPOULOS E. & DURNER W. (2013): Estimation of van Genuchten-Mualem Parameters from Spectral Induced Polarization Measurements. NSG. Extended Abstract.
- OROZCO A.F., WILLIAMS K.H. & KEMNA A. (2013): Time-lapse spectral induced polarization imaging of stimulated uranium bioremediation. Near Surface Geophysics, Vol 11, No 5, October 2013, pp. 531 - 544, 2013.
- WEIGAND M., KELTER M. & KEMNA A. (2013): Wurzelcharakterisierung mittels elektrischer Impedanztomographie. Mitteilungen 3/2013, Deutsche Geophysikalischen Gesellschaft.
- ZIMNY T. (2013): Vergleichende Messungen im Gelände und Labor mittels der spektralen IP. Diplomarbeit, TU-Braunschweig.