

## IP related publications in 2012

- DAHLIN T. & LEROUX V. (2012): Improvement in time-domain induced polarization data quality with multi-electrode systems by separating current and potential cables.
- FLORSCH N., CAMERLYNCK C. & REVIL A. (2012): Direct estimation of the distribution of relaxation times from induced-polarization spectra using a Fourier Transform analysis.
- HAEGEL F.H., ZIMMERMANN E., JABLONSKI N.D., ESSER O., HUISMAN J.A., VEREECKEN H. (2012): Application of Spectral Induced Polarization and Electrical Impedance Tomography on mixtures of Biochars and Active Carbons with Sand. Contribution to a conference proceeding/Contribution to a Book. Proceedings of the Symposium on the Application of Geophysics to Engineering and Environmental Problems 2012, vol. 25, article no. 151, 25th Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP 2012) March, 25-29, 2012, Tucson (AZ), USA (ISSN 1554-8015) (2012).
- HÖRDT A. & MILDE S. (2012): Studies with gel-filled sandstone samples with implications for the origin of induced polarization. *Near Surface Geophysics*, 2012, 10, 469-478.
- KENKEL J., HOERDT A. & KEMNA A. (2012): 2D modelling of induced polarization data with anisotropic complex conductivities. *Near Surface Geophysics*, 2012, 10, 533-544.
- MARTIN T., (2012): Complex resistivity measurements on oak, *European Journal of Wood and wood products*, Volume 70, pages 45-53, DOI 10.1007/s00107-010-0493-z.
- PONZIANI M., SLOB E.C., VANHALA H. & NGAN\_TILLARD D.J.M. (2012): Influence of physical and chemical properties on the low-frequency complex conductivity of peat. *NSG* September 2012.
- WILKINSON P.B., Loke M.H., MELDRUM P.I., CHAMBERS J.E., KURAS O., GUNN D.A. & OGILVY R.D. (2012): Practical aspects of applied optimized survey design for electrical resistivity tomography. *Geophysical Journal International*, 2012.
- ZIMMERMANN E., HUISMAN J., WOLTERS B., WAASEN S. (2012): Optimal electrode design for improved phase accuracy of spectral EIT images. Contribution to a conference proceeding 6th International Symposium on Process Tomography, Cape Town, South Africa, 03/26/2012 - 03/28/2012 10 p. (2012).