

## Selected Publications

- WYCISK, P., WEISS, H., KASCHL, A., HEIDRICH, S. & SOMMERWERK, K. (2003):** Groundwater pollution and remediation options for multi-source contaminated aquifers (Bitterfeld/Wolfen, Germany).- *Toxicology Letters*, **140-141**, 343-351. [[more...](#)]
- WYCISK, P., STEINMETZ, T., NEUMANN, CH., GOSSEL, W. & WEISS, H. (2006):** Exposure Route Assessment of Groundwater Pollutants from Multi-Source Contaminated Mega Sites – a Case Study.- In: C. Thomsen & G. Becher (eds.): *Organohalogen Compounds Vol 68*, 26th Int. Symposium on Halogenated Persistent Organic Pollutants (CD-ROM), Oslo, 890 – 894. [[more...](#)]
- WYCISK, P., NEUMANN, CH. & GOSSEL, W. (2005):** Flooding induced Effects from the Mining Lake Goitzsche on Groundwater and Land-use in the Bitterfeld Area.- *Acta hydrochimica et hydrobiologica* **33** (5), S. 507-518. [[more...](#)]
- WYCISK, P., HUBERT, T., GOSSEL, W. & NEUMANN, CH. (2009):** High-resolution 3D spatial modelling of complex geological structures for an environmental risk assessment of abundant mining and industrial mega sites. *Computers & Geosciences*, Vol. 35, 1, 165-182. [[more...](#)]
- WYCISK, P., AL ASSAM, M., ARRAM, S., AL MULLA, ET AL. (2008):** Three-dimensional geological and groundwater flow modelling of drought impact and recharge potentiality in Khatt Springs area, Ras Al Khaimah Emirate, UAE.- *WASTA 8<sup>th</sup> Gulf Water Conf.*, Bahrain, Proceedings, 1-14. [[more...](#)]
- WYCISK, P. HUBERT, T., STEINMETZ, T., GOSSEL, W. (2007):** 3D Modelling of complex geological structures and its relevance for numerical groundwater models – A Case Study.- *REPOSAFE, International Congress: “Radioactive Waste Disposal in Geological Formations”*, Braunschweig, Proceedings, 285-295. [[more...](#)]
- WYCISK, P. GOSSEL, W., SCHLESIER, D., NEUMANN, CH. (2007):** Integrated 3D modelling of subsurface geology and hydrogeology for urban groundwater management. – *Int. Congress on New Directions in Urban Water Management, UNESCO Paris, 09/2007*, Proceedings 1-8. [[more...](#)]
- WYCISK, P. & D. SCHLESIER (2006):** Wie sieht Halle von unten aus? *Scientia halensis – Magazin der Martin Luther Universität, Halle-Wittenberg*, 4/06, 16-17. [[more...](#)]
- Wycisk, P., Fabritius, H., Ruske, R. & Weiss, H. (2002):** Das digitale geologische Strukturmodell Bitterfeld als neuer Baustein in der Sanierungsforschung.- *Grundwasser*, 7 (3), 165-171. [[more...](#)]
- STOLLBERG, R., GOSSEL, W., WYCISK, P. & H. WEISS (2009):** Source and pathway identification of groundwater contaminants using a backward modelling technique. *Conf. Proceedings (CD-Rom)*, 2<sup>nd</sup> Intern. FEFLOW User Conference, 2009, 1-8. [[more...](#)]
- STEINMETZ, T. (2007):** Integration, Analyse und interaktive Visualisierung von Daten für das Risikomanagement großräumig kontaminierter Standorte.- *Dissertation, Martin-Luther-Universität Halle-Wittenberg*, pp125, ULB Sachsen-Anhalt. [[more...](#)].
- SEFELNASR, A.(2007):** Development of groundwater flow model for water resources management in the development areas of the Western Desert, Egypt.- *Dissertation, Martin-Luther-Universität Halle-Wittenberg*, pp.188, ULB Sachsen-Anhalt. [[more...](#)].
- GOSSEL, W., STOLLBERG, R. & P. WYCISK (2009):** Regionales Langzeitmodell zur Simulation von Grundwasserströmung und Stofftransport im Gebiet der Unteren Mulde/Fuhne.- *Grundwasser*, 14, 47-60. [[more...](#)]

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- GOSSEL, W., SEFELNASR, A., EBRAHEEM, A.A. & P. WYCISK (2008):** A GIS based flow model for groundwater resources management in the development areas in the eastern Sahara, Africa.- In: Adelana, S., & Mac Donald, A., & Abiye, T.A. (Ed.): Applied groundwater studies in Africa, IAH Selected Papers on Hydrogeology, 13, 43-64; Taylor & Francis. [\[more...\]](#)
- GOSSEL, W., EBRAHEEM, A.M. & WYCISK, P. (2004):** A very large scale GIS-based groundwater flow model for the Nubian Sandstone Aquifer in eastern Sahara (Egypt, northern Sudan and eastern Libya). - Hydrogeology Journal, 12 (6), 698-713.
- GOSSEL, W. (2008):** Schnittstellen bei der Kopplung von Modellierungssystemen der Hydrogeologie.- Habilitation Thesis at Martin Luther University Halle, pp.150; Halle. [\[more...\]](#) [\[further more...\]](#)