

Falkowski Tomasz

PhD Eng., assistant Professor



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Education

- Ph.D. hab. 2009, Faculty of Geology, Warsaw University, specialization: Geology
- Ph.D., SGGW in Warsaw, 1994 specialization: Environmental Science
- M.Sc. Faculty of Geology, Warsaw University, specialization: Quaternary Geology

Didactics

- [Geology](#)
- [Geology and Geomorphology](#)
- [Geology and Hydrogeology](#)
- [Engineering Geology](#)
- [Geological and geotechnical documentation](#)
- [Inventorying and valuation of nature resources](#)

Fields of Research

- Quaternary Geology, Engineering Geology and Hydrogeology
- Morphogenesis and geology of river valleys
- Contemporary channel processes

List of Publications

1. Falkowski T., 2008: Downcutting stabilisation and its influence on the Polish Lowland River Valley morphology; KWARTALNIK AGH GEOLOGIA, vol.34 zeszyt 4 (In Polish)
2. Falkowski T., Złotoszewska-Niedziałek H., 2008: Ascertainment of the geological structure for the Czerwone Bagno reserve underground water feeding model; Biuletyn PIG nr 431, 35-40 (In Polish).
3. Rabarijoely S., Bilski P., Falkowski T., 2007: Usage of the graph clustering algorithm to the recognition of geotechnical layers; Annals of Warsaw University of Life Sciences – SGGW, Land Reclamations No 38, 57-67.
4. Falkowski T., 2007: Geomorphological analysis of a The Vistula River valley in evaluating the safety of regulation structures; Acta Geologica Polonica Vol 57 (3) 377-390 (czasopismo indeksowane przez Institute for Scientific Information).
5. Falkowski T., 2007: Geomorphologic analysis of the River ter race as an element In the geological engineering prognosis of the regulation structures safety; GEOLOGOS 11, Bogucki Wydawnictwo Naukowe, 163-172 (In Polish).

6. Falkowski T., 2007: Alluvial bottom geology inferred as a factor controlling channel flow along the Middle Vistula River, Poland; *Geological Quarterly* 51 (1), 91-102 (czasopismo indeksowane przez Institute for Scientific Information).
7. Falkowski T., 2006: Factors of the natural stability of the Middle Vistula River channel zones; Wydawnictwo SGGW w serii Rozprawy Naukowe i Monografie, ss. 128 (In Polish).
8. Falkowski T., 2006. Alluvial substratum influence on the main stream (thalweg) orientation and the stability of regulation structures based on the Middle Vistula River reaches; *Opportunities, Challenges, and Responsibilities for Environmental Geotechnics*; edited by H.R. Thomas, vol. I, Thomas Telford, Cardiff, 1611-1618,
9. Falkowski T., 2006: Alluvial basement influence on channel processes in urban reaches of the Middle Vistula River, Poland; *International IAEG Conference Nottingham 2006*,
10. Falkowska E., Falkowski T., 2005: The heavy metal accululation in flood facies deposits in relation to morphology of the Vistula valley between Annopol and Gołab; *Annals of WAU, Land Reclamation*, No 36, 29-39.
11. Falkowska E., Falkowski T., 2004: Water treatment of the Potok Służewski (Służewski Stream) in Warsaw as an example of river water quality maintenance in strong antropopression conditions; *Annals of WAU Land Reclamation*, No 35a, 235-248.
12. Falkowski T. 2003: Influence of the morphogenetic diversity of the Nida-Wkra river valley stretches on the conditions of underground flow; *Annals of WAU, Land Reclamation*, No 34, 51-64.
13. Falkowski T., Popek Z., 2000: Zones of the ice jam formation of the Middle Vistula River Reach in reaction to the variable of the river morphology; *Annals of Warsaw Agricultural University, Land Reclamation*, No 30, 77-90.
14. Falkowski T., 2000: Deformation structures in the escarpments zones of the polygenic valleys from Polish Lowland, and their influence of the circulation of the ground water; *Annals of Warsaw Agricultural University, Land Reclamation*, No 30, s. 91-98.
15. Falkowski T., 1997: The importance of recognition of polygeny for the rational utilisation of river valleys in Polish Lowland; *Proceedings of International Symposium "Engineering Geology and the Environment"*, A.A.BALKEMA, 107-111.
16. Falkowski T., 1997: Diversification of conditions and interflow volumes in morphogenetic sections of valleys within the lowland on the example of Toczna river; *Annals of Warsaw Agricultural University - SGGW, Land Reclamation* No 28, 31-39.