

Personal profile

Profile D.Sc., Eng. Radoslaw TARKOWSKI



Company

Mineral and Energy Economy Research Institute
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R. Tarkowski is a head of Geotechnology Division of MEERI PAS in Krakow.

Dr Tarkowski – geologist, specialist in biostratigraphy of Mesozoic, regional stratigraphy of Poland, geological storage of carbon dioxide, underground hydrogen storage, history of natural sciences. Graduated from the University of Science and Technology AGH in Cracow (1978), Ph.D. - Faculty of Geology and Prospecting AGH in Cracow (1982), HDR - Habilitation à Diriger des Recherches at University in Marseille (1998). Worked as a scientist and lecturer at the Faculty of Geology, Geophysics and Environmental Protection AGH (1981-1998), as an assistant professor at MEERI PAS in Krakow since 2000 and as a professor at the Institute of Geography on Pedagogical University in Krakow (2004-2015). A lecturer of geology at the Universities in Alger, France (Lyon, Dijon, Marseille, Paris) and Guadalupe.

An author and co-author of c.a. 300 publications: sciences articles, scripts, a textbook of paleontology and several research monographs. Participant of the EC FP6 and FP7 projects: CO2SINK, EU GeoCapacity, CO2ReMoVe and CO2Stop.

List of main articles:

- Tarkowski R., Uliasz-Misiak B., 2006 – *Possibilities of CO₂ sequestration by storage in geological media of major deep aquifers in Poland*, Chemical Engineering Research and Design, 84: 776–780.
- Tarkowski R., 2008 – *CO₂ storage capacity of geological structures located within Polish Lowlands' Mesozoic formations*, Gospodarka Surowcami Mineralnymi – Mineral Resources Management, 24/4/1: 101–112.
- Tarkowski R., Wdowin M., 2011 – *Petrophysical and mineralogical research on the influence of CO₂ injection on Mesozoic reservoir and caprocks from the Polish Lowlands*, Oil and Gas Science and Technology – Revue D IFP Energies Nouvelles, 66, 1: 137–150.
- Tarkowski R., Dzięwińska L., Marek S. 2014 – *The characteristic of selected potential geological structures for CO₂ underground storage in mesozoic deposits of the Szczecin-Mogilno-Uniejów trough*. Wydawnictwo IGSMiE PAN, Kraków 2014, 92 p.
- Tarkowski R., 2017 – *Perspectives of using the geological subsurface for hydrogen storage in Poland*, International Journal of Hydrogen Energy, 42: 347–355.
- Tarkowski R., Czapowski G., 2018 - *Salt domes in Poland – potential sites for hydrogen storage in caverns*. International Journal of Hydrogen Energy, 43: 21414-21427.

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