Professional Curriculum Vitae

Personal data

Name:	Miłosz Wcisło
Date and place of birth:	1992.02.25 Wadowice Poland
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Education

10/2010 - 02/2014	Undergraduate studies in Applied Geophysics at AGH University of Science and Technology in Kraków
02/2014 - 07/2015	Master degree studies in Applied Geophysics at AGH University of Science and Technology in Kraków
01/2015 - 06/2015	Studies at National University of Science and Technology, Trondheim, Norway, Erasmus+ student exchange program
09/2016 - now	Doctoral studies at the Faculty of Mathematics and Physics, Charles University

Work experience

10/2015 - now	Research assistant/doctoral student position at Institute of Rock Structure and Mechanics, Academy of Sciences of The Czech Republic
09/2017	Internship at the Institute of Geology and Geophysics, Chinese Academy of Sciences, Beijing

Research interests

- induced seismicity
- seismic attenuation
- seismic anisotropy
- seismic data processing

Research skills

- fieldwork
- utilisation of Matlab environment in seismology
- application of the data processing to datasets

Research results summary

Studies:

Wcisło M. and Eisner L., 2016: Attenuation from microseismic datasets by the peak frequency method benchmarked with the spectral ratio method. Stud. Geophys. Geod., 60, 547-564, doi:10.1007/s11200-015-0577-7. IF 0.818

Wcislo, M. and Psencik, I.: 2017, Seismic waves in inhomogeneous, weakly dissipative, anisotropic media; preliminary tests with P waves, Seismic Waves in Complex 3-D Structures Report 27, 83-92. (ISSN 2336-3827).

Wcislo M., Stabile T.A., Telesca L. and Eisner L., 2017: Vp/Vs ratio in the vicinity of wastewater injection: a case study of Costa Molina 2 well (High Agri Valley, Italy). Accepted in Geophysics, doi: 10.1190/geo2017-0123.1.

Wcislo M., Eisner L., Malek J., Fischer J., Vlcek P., Kletechka G., 2017, Attenuation in West-Bohemia: evidence of high attenuation in the Nový Kostel focal zone and temporal changes consistent with CO2 degassing. Accepted in Bull. Seism. Soc. Am. june 2017, currently minor revision required process.

Wcisło M. and Eisner L., 2017, Fast determination of attenuation from microseismicity for large datasets, submitted to Geophysical Prospecting.

Wcisło M.,2017, Influence of the effective anisotropy on the estimation of V_P/V_S ratio using Wadati plots. Under preparation.

Extended abstracts:

Wcisło, M. and Eisner, L.: Attenuation from Microseismic Datasets by the Peak Frequency Method Benchmarked with the Spectral Ratio Method, EAGE Annual Conference and Exhibition 2016, DOI: 10.3997/2214-4609.201601262

Wcisło, M. and Eisner, L.: Automated Determination of Attenuation from Microseismic Events, EAGE Annual Conference and Exhibition 2017 DOI: 10.3997/2214-4609.201701334.