

**Prof. RNDr., CSc. (Prof. Dr., Ph.D.) KALÁB Zdeněk**

SHORT PROFESSIONAL INFO

Since 1990 scientist, Institute of Geonics, Academy of Sciences of the Czech Republic, head of laboratory of geophysics,  
Since 2001 associated professor and professor, VŠB – Technical University of Ostrava, Faculty of Civil Engineering (geotechnical monitoring, technical seismicity, blasting)

**Specialization**

Main field:

Natural, induced and technical seismicity, geotechnical measurement

Other fields:

Seismic regime of areas, parameters of the local seismic events, engineering geophysics

Current research interest:

Geotechnical monitoring, technical seismicity, elaboration of digital data

**Honours, awards, Fellowship, Membership of professional societies**

CAAG - Czech Association of Geophysicists: founder member, since 1993 member of Expert staff of the CAAG, since 2008 president of the CAAG

Union of Czech mathematicians and physicists: since 1978 member

Central European Journal of Physics: since 2004 Board member

International Journal of Exploration Geophysics, Remote Sensing and Environment (EGRSE): since 2008 Board member

Transactions of the VŠB – Technical University of Ostrava, Civil Engineering Series: since 2010 Board member

Applicant or co-applicant of about 10 scientific projects, since 2003 joint projects with Russian Academy of Sciences, Institute of Physics of the Earth (bilateral agreement)

Main convener of regional conferences of seismologists and engineering geophysicists with international participation (23 conferences)

Scientific Board of VST-Technical University of Ostrava, Faculty of Mining and Geology: member for 2011-2014

Mining Committee of Polish Academy of Sciences: member for 2011-2014

Independent Scientific Evaluation Group (ISEG), NATO: member for 2013-2015

Number of papers in referred journals

About 35 papers (IF, Scopus, WOS)

Number of communications to scientific meetings

About 100 contributions

Number of books

5 books (co-author)