

**12TH CZECH-POLISH WORKSHOP ON RECENT GEODYNAMICS
OF THE SUDETY MTS. AND ADJACENT AREAS
JUGOWICE, OCTOBER 20 – 22, 2011**

The Institute of Geodesy and Geoinformatics of the Wrocław University of Environmental and Life Sciences in the collaboration with the Institute of Rock Structure and Mechanics, Academy of Sciences of the Czech Republic, v.v.i. organized the 12th Czech – Polish Workshop on *Recent Geodynamics of the Sudety Mts. and Adjacent Areas* in Jugowice (Poland) on October 20 – 22, 2011. The workshop held under the auspices the Section of the Geodynamics of the Committee of Geodesy, Polish Academy of Sciences and the Czech Centre for Earth's Dynamic Research. Forty-nine participants from twenty Czech, Polish and Slovak research institutions and universities attended the Workshop. The scientific programme of the 12th Workshop proceeded topics of eleven previous Workshops organized in 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2009 and 2010. Selected contributions of the past Workshops were published in special issues of the following journals: *Exploration Geophysics, Remote Sensing and Environment* 6, No. 2, 1999; *Reports on Geodesy* No. 7 (53), 2000; *Acta Montana, Series A*, No. 20 (124), 2002 and No. 24 (131), 2003; *Acta geodynamica et geomaterialia* vol. 1, No. 3 (135), 2004, vol. 2, No. 3 (139), 2005, vol. 3., No. 3 (143), 2006, vol. 4, No. 4 (148), 2007, vol. 6, No. 3 (155), 2009, vol. 7, No. 3(159), 2010 and vol. 8, No. 3 (163), 2011.

The programme of the 12th Workshop was divided into a few sections. Their topics concerned geodesy (Earth's crust motions, GNSS/GPS data monitoring and processing, seismo-geodesy, PSI data interpretation, geoid), geology (neotectonics, neovolcanology, tectonomorphology, brittle tectonics) and geophysics (seismicity, gravity, strain fields, etc.)

A total of forty contributions were presented and their abstracts published. A lot of them had an interdisciplinary character. Delivered contributions allowed a broad community of geologists, geophysicists and geodesists, a fruitful exchange of knowledge and formulating aims of new national and/or international projects. This special issue of *Acta geodynamica et geomaterialia* contains fifteen papers.

Acquainted with the geological structure and representative sites of the Sowie Mountains were the main aim of the field session. The main peaks of the mountains were showed from viewpoints on area of the Sub-Sudeten Depression and Swidnica Lowland. In addition the Peace Church in Swidnica, which were inscribed on the UNESCO World Heritage List in 2001 and complex of underground Nazi factories "Włodarz" were visited.

The organizers wish to express their satisfaction that also the 12th Workshop met with such great response among geo-scientists being interested in this area. Their warm thanks go to all participants of the Workshop, to all authors, who submitted their contributions for a presentation in this way, and to all reviewers. Particular thanks are due to the Institute of Rock Structure and Mechanics, Academy of Sciences of the Czech Republic for printing this special issue of *Acta geodynamica et geomaterialia*. The supports of the Section of the Geodynamics of the Committee of Geodesy, Polish Academy of Sciences and the Ministry of Education, Youth and Sport of the Czech Republic (Centre for Earth's Dynamic Research – project LC506) are highly appreciated and acknowledged.

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Editors of this special issue