

PREFACE

The Institute of Rock Structure and Mechanics, Academy of Sciences of the Czech Republic, v.v.i. in the collaboration with the Institute of Geodesy and Geoinformatics of the Wrocław University of Environmental and Life Sciences organized the 9th Czech – Polish Workshop on *Recent Geodynamics of the Sudeten and Adjacent Areas* in Náchod (Czech Republic) on November 12-15, 2008. The workshop held under the auspices the Czech Centre for Earth Dynamic Research and the Section of the Geodynamics of the Committee of Geodesy, Polish Academy of Sciences. Sixty participants from twenty-four Czech, Polish and Slovak research institutions and universities attended the Workshop. The scientific programme of the 9th Workshop proceeded topics of eight previous Workshops organized in 1998, 2000, 2001, 2002, 2003, 2004, 2005 and 2007 (special issues of Exploration Geophysics, -tt Remote Sensing and Environment 6, No. 2, 1999; Reports on Geodesy No. 7 (53), 2000; Acta Montana, Series A, No. 20 (124), 2002, No. 24 (131), 2003; Acta geodynamica et geomaterialia (formerly Acta Montana, Series A) v. 1, No. 3 (135), 2004, v. 2, No. 3 (139), 2005, v. 3., No. 3 (143), 2006 and v. 4, No. 4 (148), 2007.

The programme of the 9th Workshop was divided into six sections:

- Earth dynamics
- Geological movement evidences
- Geodynamic data interpretations
- GPS data monitoring and processing
- Gravity and seismic analyses
- Applications

A total of forty-two contributions were presented and 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 eighteen papers.

The field session consisting of the following stops was included into the programme: the astronomical observatory, the seismological station UPC of the Czech Regional Seismic Network and the GPS permanent station UPIC of the Geodynamic Network of the Academy of Sciences GEONAS in Úpice; the Hronov-Poříčí tectonic fault zone (the outcrop near Malé Svatoňovice); the Adršpach-Teplice sandstone landscape; the Benedictine monastery in Broumov and the World War II Dobrošov fortress.

The organizers wish to express their satisfaction that also the 9th 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 Dynamic Research – project LC506 and the project of the Central European Initiative 1P05ME781) are highly appreciated and acknowledged.

Prague, August 2009

Zdeňka SCHENKOVÁ and Vladimír SCHENK,

Editors of this special issue