

**11th CZECH-POLISH WORKSHOP
ON RECENT GEODYNAMICS OF THE SUDETEN AND ADJACENT AREAS,
TŘEŠŤ CASTLE, NOVEMBER 4 – 6, 2010**

The Institute of Rock Structure and Mechanics, Academy of Sciences of the Czech Republic, v.v.i. and the Czech Centre for Earth's Dynamics Research in the collaboration with the Institute of Geodesy and Geoinformatics of the Wrocław University of Environmental and Life Sciences organized the 11th Czech – Polish Workshop on *Recent Geodynamics of the Sudeten and Adjacent Areas* in the TřešŤ Castle (Czech Republic) on November 4 – 6, 2010. The workshop held under the auspices the Section of the Geodynamics of the Committee of Geodesy, Polish Academy of Sciences.

Sixty participants from twenty-one Czech, Polish and Slovak research institutions and universities attended the Workshop. The scientific programme of the 11th Workshop proceeded topics of ten previous Workshops organized in 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2007, 2008 and 2009 (special issues of *Exploration Geophysics, Remote Sensing and Environment* vol. 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.(148), 2007, vol. 6, No. 3(155), 2009 and vol. 7, No. 3(159), 2010.

The programme of the 11th Workshop consisted of the following sections: (i) global and continental geodynamics, (ii) structural and tectonic investigations in the Sudeten and other mobile active areas, (iii) geodetic, gravity and seismic data monitoring and processing, (iv) reliability of monitored data, (v) geomorphology, (vi) photogrammetry, InSAR and PSI techniques, laser scanning and (vii) long water-tube tilting and levelling.

A total of thirty-nine contributions were presented and most of them had an interdisciplinary character. Delivered contributions enabled a broad community of geologists, geophysicists and geodesists to make a fruitful exchange of knowledge and to formulate goals of new national and/or international projects. This special issue of *Acta geodynamica et geomaterialia* contains sixteen presentations.

The field session concentrated on local structural elements, the Třebíč fault and the Klučov horst, and their multiple morphotectonic manifestations. These structures were dynamically active until the Quaternary period. The field session continued a visit to the World Heritage UNESCO in Třebíč town – the Old Jewish Quarter and the Romanesque St. Procopius' Basilica. The participants visited also the Christmas cribs exposition in TřešŤ town.

The organizers wish to express their satisfaction that the 11th Workshop met with such great response among geo-scientists being interested in this area. Namely the participation of young scientists was appreciated. The warm thanks go to all participants of the Workshop, to all authors 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, v.v.i. 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 Sports of the Czech Republic (Centre for Earth's Dynamic Research – project LC506) are highly appreciated and acknowledged.

Prague, August 2011
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Editors of this special issue