

PREFACE

The Department of Geodesy and Photogrammetry, Agricultural University of Wrocław in the collaboration with the Institute of Rock Structure and Mechanics, Academy of Sciences of the Czech Republic, organized the 6th Czech – Polish Workshop on *Recent Geodynamics of the Sudety Mts. and Adjacent Areas* in Łężyce (Poland) on November 4 – 6, 2004. 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 Dynamic Research. Fifty-three participants from twenty-two Czech, Polish and Slovak research institutions and universities attended the Workshop. The scientific programme of the 6th Workshop proceeded topics of five previous Workshops organized in 1998, 2000, 2001, 2002 and 2003 (special issues of 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, No. 24(131), 2003; Acta geodynamica et geomaterialia (formerly Acta Montana, Series A) 1, No. 3(135), 2004).

Contributions were focused on topics concerning the recent mobility of the Sudety structures and adjacent geological units. From the regional viewpoint the Sudeten area includes the Krkonoše Mts., the Orlické hory Mts., the Rychlebské hory Mts., the Kralický Sněžník Mts., the Hrubý and the Nížký Jeseník Mts., the Dražanská Lowland and their Foredeeps. The programme of the 6th Workshop was divided into six sections:

- Tectonics and geodynamic interpretations,
- Epoch and permanent GPS measurements,
- Geodynamic networks,
- Seismological investigations,
- Monitoring and processing geodetic data, and
- Geophysical investigations.

A total of thirty-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 nineteen papers.

The field session to the “Szczeliniec” geodynamic network, Wambierzyce with a famous baroque basilica, the Chopin Concert House and the Paper Mill in Duszniki Zdrój was included into the programme.

The organizers wish to express their satisfaction that also the 6th 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 - projects LN00A005 and LC506 and the project of the Central European Initiative 1P05ME781) are highly appreciated and acknowledged.

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