

FOREWORD

Bioclimatological Conferences and Workshops have in the Czech and Slovak Republics long tradition. Soon after the establishment of the Czecho-Slovak Bioclimatological Society in 1965 there were organized bioclimatological seminars, workshops and conferences each year at some of interesting sites in Czecho-Slovakia. Cross-sectorial aspect was the main reason of common solution of relations among biological, meteorological, climatological, hydrological, technological, medical and environmental issues. Thus, the human bioclimatology, fyto bioclimatology, zoo bioclimatology were the firstly solved topics. Specialists and scientists from the fields of physics, biology, chemistry, geography, agriculture, forestry, civil engineering and medicine took part in the mentioned events. In spite of the fact that nearly all events were held in Czech and Slovak language the small number of experts from Hungary, Poland, Germany and Austria participated every year. Starting with the year 2006 we would like to change these conferences to international ones with English presentations.

The Bioclimatological Conference in 2006 is situated in the beautiful part of Slovakia, at the small town Strečno. Nearly 110 experts and specialists from 9 countries sent their presentations divided into 7 basic themes: 1. Climatic changes, weather extremes – impact on hydrologic cycle and ecosystems, 2. Fytobioclimatology and agrometeorology, 3. Forest bioclimatology and ecophysiology, 4. Human and animal bioclimatology, 5. Technological bioclimatology and hydrology, 6. Agrohydrology and pedology and 7. Geofactors and the environment. About one half of papers will be presented as the oral ones and the remaining part as the posters.

Organizing such event is a hard task, so several institutions and guarantors took part at the Conference preparing. We would like to thank mainly to active people from Slovak Bioclimatological Society at SAS, Czech Bioclimatological Society, Faculty of Mathematics, Physics and Informatics at Comenius University, Bratislava, Institute of Geophysics at SAS, Bratislava, Faculty of Horticulture and Landscape Engineering at SPU, Nitra, University of Technology, Zvolen, Slovak Hydrometeorological Institute, Bratislava, Railroads of the Slovak Republic and Municipal Office, Strečno. Experts and scientists as follows took part as guarantors at Conference organizing: Assoc. Prof. RNDr. Ján Boďa, PhD. – Dean of the FMFI UK Bratislava, Prof. RNDr. Milan Lapin, PhD. – FMFI UK Bratislava, RNDr. Ing. Jaroslav Rožnovský, PhD. – ČBkS President, ČHMÚ Brno, RNDr. Igor Túnyi, PhD. – The Pressidium of SAS, Bratislava, Prof. Ing. Jaroslav Škvarenina, PhD. – SBkS President, TU Zvolen, RNDr. Vladimír Pastirčák – Director of the DMS SHMÚ, Bratislava, Prof. Ing. Jaroslav Antal, DrSc. – SPU Nitra, Assoc. Prof. Dr. Ing. Jozef Mind'áš, PhD. – Director of the NLC-LVÚ at Zvolen, Prof. RNDr. Ján Tomlain, DrSc. – UK Bratislava, Prof. Ing. František Špánik, PhD. – SPU Nitra, Ing. Ján Žačko – Deputy Director General of ŽSR, Alfonz Klocán – Mayor of Strečno.

Organizing committee of the Conference spent a plenty of days with preparing Announcements, contacting authors and participants, solving technical and organizational problems and finally with issuing the Conference Proceedings. It worked in the composition as follows: Head: Prof. RNDr. Milan Lapin, PhD., Members: RNDr. Ing. Jaroslav Rožnovský, PhD., RNDr. Jaroslav Střeščík, PhD. – GFÚ AV ČR, Prague, Prof. Ing. Jaroslav Škvarenina, PhD., RNDr. Marián Melo, PhD. – FMFI UK, Bratislava, RNDr. Tatiana Hurtalová, PhD. – GFÚ SAV, Bratislava, RNDr. Ingrid Damborská, PhD. – FMFI UK, Bratislava, Assoc. Prof. RNDr. Bernard Šiška, PhD. – KBKH SPU, Nitra, RNDr. Viera Horecká – SHMÚ, Bratislava, RNDr. Martin Kremler – FMFI UK, Bratislava, RNDr. František Matejka, PhD. – GFÚ SAV, Bratislava and Mgr. Radovan Drinka – FMFI UK, Bratislava. I would like to thank everybody who contributed at organizing of this event and I wish you pleasant stay here at Strečno, successful program of Conference and fruitful scientific and professional discussion. I am also proud that our faculty has played at the Conference important role in organizational tasks and in issuing of Conference Proceedings.

**Assoc. Prof. RNDr. Ján Boďa, PhD.
Dean of the FMFI UK Bratislava**