ISPRS Technical Commission II Midterm Symposium 2014

PREFACE

ISPRS TC II Midterm Symposium 2014 is held every four years in between two consecutive ISPRS Congresses. The aim of midterm symposiums is to bring together academics and professionals from the international community of spatial information sciences and engineering to present latest research achievements and technological developments in the field. This year the 2014 ISPRS TC II Midterm Symposium was held together with 2014 Spatial Data Handling Symposium in Toronto, Canada from October 6 to 8, 2014 as a Joint conference. The topics of the joint conference address the focuses outlined by the Commission action plan to increase ISPRS exposure within the GIScience research community. Thus the chosen title of *Joint International Conference on Geospatial Theory, Processing, Modelling and Applications* and the conference theme *Building Connections in GISciences for Future* were set to fulfil that goal*.* This conference is an example of continuously building linkages between the ISPRS TC II and two International Geographic Union (IGU) commissions. The conference was an active forum for presentations and disseminates of the research, development and the innovative applications of spatial and geographical information theory and technologies, and represented a distinctive venue for exchanges between researchers, practitioners, and industry.

The proceedings of the 2012 ISPRS TC II Midterm Symposium include the collection of ISPRS Annals and ISPRS Archive papers. The ISPRS Annals contain 13 papers, accepted based on a thorough peer review process. The ISPRS Archives consist of 38 papers of which abstracts were also gone through a review process. The reviewers were the ISPRS TC II member of the conference Scientific Committee, conference co-chairs and members of local organizing committee. In addition to three general sessions and 24 technical sessions, three workshops and a session with eleven poster presentations were held successfully. Finally, four speakers, David Coleman, Daniel Sui, Zhilin Li and Brad Schmidt delivered interesting keynote talks, sharing their cutting edge expertise with the attendees.

We would like to take this opportunity to express our gratitude to the Scientific Committee, nine members of the Local Organizing Committee, sponsors, exhibitors and all those who have contributed to a successful organization of the conference. Special thanks go to the officers of Copernicus for their support of the abstracts and papers management process.

Specially, we would like to gratefully acknowledge sponsorship provided by Intergraph Canada, Wuhan GeoWay Spatial Information Technology Research Institute, Airborne Sensing Corporation, Wuda Geoinformatics Co., Ltd. (GeoStar), ESRI Canada, and Association of Ontario Land Surveyors, and the sponsorship by Ryerson University for the organization of the joint conference.

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