

Preface

The title *Geoinformatics for Intelligent Transportation* defines the focus of the 11th Symposium GIS Ostrava 2014. Shorter or longer movements inevitably accompany everyday people's activities including commuting to work and school, shopping, leisure time, etc. Transportation developments have a significant impact on the evolution of human society. The demand for the fastest, cheapest, safest and ecologically friendly means of transport attracts professionals from various disciplines with one mutual goal, to increase the efficiency and effectiveness of transportation, and increase its intelligence. The impact of geoinformatics in the attainment of this goal is clearly evident.

The aim of the conference is to present and discuss new methods, issues and challenges of the geoinformatics contributing to make transportation more intelligent, efficient and human friendly. More than 300 attendees from 11 countries discussed current research directions and applications of Geoinformatics, with the objective of intelligent transportation.

The papers collected in these Proceedings cover a wide range of topics related to transportation and geoinformatics and are divided into four thematic groups, including: Transport modelling, Sensor data and services, Intelligent transport system, and finally Transport planning and accessibility. All papers underwent rigorous double-blind peer-review process of journal scientific standards.

Acknowledgments

The publication is supported by the project OP VK CZ.1.07/2.4.00/31.0162 "Practical competence and professional qualifications improvement in the area of technical education," which is co-financed by the European Social Fund and the state budget of the Czech Republic.

Papers Selection

Number of registered papers: 34

Number of papers published in the proceedings: 19

Home countries of the authors of the papers published in these proceedings are Belgium, Czech Republic, Lithuania, Netherlands, Poland, Portugal, Slovakia and United States of America.

Geoinformatics for Intelligent Transportation

Ivan, I.; Benenson, I.; Jiang, B.; Horák, J.; Haworth, J.;

Inspektor, T. (Eds.)

2015, XIX, 272 p. 111 illus., 86 illus. in color., Hardcover

ISBN: 978-3-319-11462-0