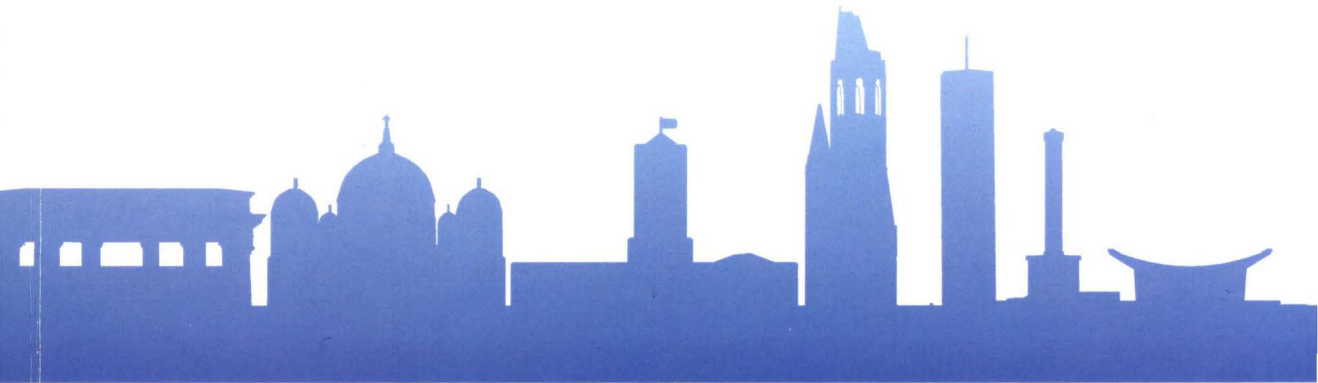


# GIS OSTRAVA 2013 - GEOINFORMATICS FOR CITY TRANSFORMATIONS

TENTH INTERNATIONAL SYMPOSIUM  
OSTRAVA, CZECH REPUBLIC, JANUARY 2013  
PROCEEDINGS



IGOR IVAN, PAUL LONGLEY, Jiří HORÁK, DIETER FRITSCH,  
JAMES CHESHIRE AND TOMÁŠ INSPEKTOR (Eds.)



## AUSPICES

AGILE - ASSOCIATION OF GEOGRAPHIC INFORMATION LABORATORIES FOR EUROPE

ISPRS - INTERNATIONAL SOCIETY FOR PHOTOGRAMMETRY AND REMOTE SENSING

EUROSDR - EUROPEAN SPATIAL DATA RESEARCH ORGANISATION

CAGI - CZECH ASSOCIATION FOR GEOINFORMATION

SAGI - SLOVAK ASSOCIATION FOR GEOINFORMATICS

# GIS OSTRAVA 2013 -

## GEOINFORMATICS FOR CITY TRANSFORMATIONS

The title "Geoinformatics for City Transformations" defines the focus of the 10th Symposium GIS Ostrava 2013. Every day, cities are influenced by various global, national and regional movements and they must act to adapt and to maintain their position. Geoinformatics offers efficient and modern methods and tools which help to measure, monitor and effect the various transformations of cities. The progress of geoinformatics allows us to study problems and issues of cities which were impossible to deal with only a few years ago.

It encourages the development of spatially balanced strategies for smart, sustainable and inclusive growth. The aim of the conference is to present and discuss new methods, issues and challenges of geoinformatics encountered in various parts of the city transformations. More than two-hundred attendees from 18 countries discussed current research directions and applications of Geoinformatics, with the objective of helping the cities to respond to current problems and challenges.

The papers collected in these Proceedings cover a wide range of topics related to cities and geoinformatics and are divided into five thematic groups, including: Distances in the City; Data about the City; Development of the City; Divergence and the City; and finally, Spatial Processing for the City.



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Igor IVAN, Paul LONGLEY, Jiří HORÁK, Dieter FRITSCH, James CHESHIRE and Tomáš INSPEKTOR (Eds.)

# GIS Ostrava 2013 – Geoinformatics for City Transformations



January 21<sup>st</sup> – 23<sup>rd</sup> 2013

## Auspices

AGILE - Association of Geographic Information Laboratories for Europe

ISPRS - International Society for Photogrammetry and Remote Sensing

EuroSDR - European Spatial Data Research Organisation

CAGI - Czech Association for Geoinformation

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## **Preface**

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## **Papers selection**

Number of registered papers: 36

Number of papers published in the proceedings: 23

Home countries of the authors of the papers published in these proceedings are Canada, Czech Republic, Finland, Germany, India, Iran, Netherlands, Nigeria, Norway, Poland, Republic of Serbia, Slovakia, Spain, Turkey and United States of America.

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