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Cédric Grueau · Robert Laurini
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Geographical Information Systems Theory, Applications and Management

Second International Conference, GISTAM 2016
Rome, Italy, April 26–27, 2016
Revised Selected Papers

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Preface

The present book includes extended and revised versions of a set of selected papers from the Second International Conference on Geographical Information Systems Theory, Applications, and Management (GISTAM 2016), held in Rome, Italy, during 26–27.

GISTAM 2016 received 33 paper submissions from 25 countries, of which 30% are included in this book. The papers were selected by the event chairs and their selection is based on a number of criteria that include the classifications and comments provided by the Program Committee members, the session chairs' assessment, and also the program chairs' global view of all papers included in the technical program. The authors of selected papers were then invited to submit a revised and extended version of their papers having at least 30% innovative material.

GISTAM aims at creating a meeting point of researchers and practitioners to address new challenges in geospatial data sensing, observation, representation, processing, visualization, sharing, and managing, in all aspects concerning both information communication and technologies (ICT) as well as management information systems and knowledge-based systems. The conference welcomes original papers of either practical or theoretical nature, presenting research or applications, of specialized or interdisciplinary nature, addressing any aspect of geographic information systems and technologies.

The papers selected to be included in this book contribute to the understanding of relevant trends of current research on geographical information systems theory, applications and management, including: urban and regional planning, water information systems, geospatial information and technologies, spatio-temporal database management, decision support systems, energy information systems, and GPS and location detection.

We would like to thank all the authors for their contributions and also the reviewers who helped ensure the quality of this publication.

February 2017

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Robert Laurini
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Wolfgang Kainz	University of Vienna, Austria
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