

Advancing Geoinformation Science for a Changing World

Bearbeitet von
Stan Geertman, Wolfgang Reinhardt, Fred Toppen

1. Auflage 2011. Buch. xx, 540 S. Hardcover

ISBN 978 3 642 19788 8

Format (B x L): 15,5 x 23,5 cm

Gewicht: 970 g

Weitere Fachgebiete > Geologie, Geographie, Klima, Umwelt > Geodäsie und
Geoplanung > Geodäsie, Kartographie, GIS, Fernerkundung

schnell und portofrei erhältlich bei

The logo for beck-shop.de features the text 'beck-shop.de' in a bold, red, sans-serif font. Above the 'i' in 'shop' are three red dots of increasing size. Below the main text, 'DIE FACHBUCHHANDLUNG' is written in a smaller, red, all-caps, sans-serif font.

beck-shop.de
DIE FACHBUCHHANDLUNG

Die Online-Fachbuchhandlung beck-shop.de ist spezialisiert auf Fachbücher, insbesondere Recht, Steuern und Wirtschaft. Im Sortiment finden Sie alle Medien (Bücher, Zeitschriften, CDs, eBooks, etc.) aller Verlage. Ergänzt wird das Programm durch Services wie Neuerscheinungsdienst oder Zusammenstellungen von Büchern zu Sonderpreisen. Der Shop führt mehr als 8 Millionen Produkte.

Preface

The Association of Geographic Information Laboratories for Europe (AGILE) was established in early 1998 to promote academic teaching and research on GIS at the European level. Since then, the annual AGILE conference has gradually become the leading GIScience conference in Europe and provides a multidisciplinary forum for scientific knowledge production and dissemination. In that, it can be regarded a full successor of the preceding EGIS (European Conference on Geographical Information Systems) and JECC (Joint European Conferences and Collaboration) conferences, which dominated the European GI-conference scene during the nineties.

For the fifth consecutive year the AGILE conference promoted the edition of a book with the collection of scientific papers that were submitted as full-papers. Those papers went through a competitive review process. The 14th AGILE conference call for full-papers of original and unpublished fundamental scientific research resulted in 70 submissions, of which 26 were accepted for publication in this volume after a thorough selection and review process (acceptance rate of 37%).

The papers submitted to our Program Committee all can be considered to contribute to the ‘Advancing Geoinformation Science for a Changing World’, which is the overall title of this 14th AGILE conference. Therein we acknowledge that the pace of developments is increasing all the time and that our field of mutual interest – GIScience – can be considered a valuable player to cope in a proper way with these fast changing circumstances. We think that the papers included in this volume nicely reflect the contribution of GIScience to our ever-changing world.

The scientific papers published in this volume cover a wide diversity of GIScience related themes, including: spatial-temporal modeling and analysis; road network and mobility research; GeoSensor development and application; socio-spatial modeling and analysis; spatial data processing and structuring; and GI-information generation and dissemination.

Organizing the program of an international conference and editing a volume of scientific papers requires time, effort, and support. We would like to thank the authors for their high-quality contributions, which are invaluable for an edited volume. Moreover, we would like to thank the reviewers

for their difficult task to pick out those contributions that are really worthwhile for inclusion in such a book. Although this task always has a subjective part, by fulfilling the review process double-blind and demanding at least 3 reviews per submission we hope and expect to have overcome this subjectivity in sufficient manner. In addition we would like to thank the AGILE Council and Committees for their support.

We would also like to thank our sponsors (ESRI, the faculty of Geosciences, Utrecht University and the Royal Dutch Association of Geographers, KNAG) for their kind contribution to this conference. And last but for sure not least we would like to thank Springer Publishers for their willingness – already for the fifth time – to publish these contributions in their academic series *Springer Lecture Notes in Geoinformation and Cartography*.

Stan Geertman, Wolfgang Reinhardt, Fred Toppen (editors)

Utrecht/Munchen
February, 2011