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Connecting a Digital Europe Through Location and Place

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Preface

Since 1998, the Association of Geographic Information Laboratories for Europe (AGILE) promotes academic teaching and research on geographic information at the European level. Its annual conference reflects the variety of topics, disciplines, and actors in this research area. It provides a multidisciplinary forum for scientific knowledge production and dissemination and has gradually become the leading Geographic Information Science conference in Europe.

For the eighth consecutive year, the AGILE conference full papers are published as a book by Springer-Verlag. This year, 67 documents were submitted as full papers, of which 22 were accepted for publication in this volume after a thorough selection and review process, which resulted in an acceptance rate of approximately 33 %. As much as we congratulate the authors for the quality of their work, we thank them for their contribution to the success of the AGILE conference and book series. We also send our acknowledgments to the numerous reviewers for providing us with their thorough judgements. Their work was fundamental to select the very best papers.

Under the title *Connecting a Digital Europe Through Location and Place*, this book pays special attention to the role Geographic Information Science and Technology can play to connect European universities, research centers, industry, government, and citizens in the digital information age. The scientific papers published in this volume cover a wide range of associated topics. The first part covers innovative experiments and applications that take user generated and social network data as inputs; the second part focuses on novel algorithms and process for analyzing trajectories. The third part covers studies concerned with data mining, fusion, and integration. The fourth part includes a series of papers related to data representation, visualization, and perception. The fifth and last part comprises works on geospatial decision support services.

Organizing the program of an international conference and editing a volume of scientific papers takes time, effort, and support. The input from the AGILE Council and Committees was a tremendous asset for us and we are grateful to all members for their contributions.

We would also like to thank our sponsors (ESRI, Ubik Geospatial Solutions, Zed, ESRI España, Google, Geodan, and Prodevelop), for their kind contributions to the 17th AGILE Conference on Geographic Information Science and Springer-Verlag for their willingness to publish the accepted full papers in their academic series Springer Lecture Notes in Geoinformation and Cartography.

Castellón, March 2014
Ispra

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