

Preface

These proceedings contain the papers selected for presentation at the 15th edition of the International Symposium on Web and Wireless Geographical Information Systems held in Shanghai in May 2017 and hosted by the Shanghai Maritime University. This symposium is intended to provide an up-to-date review of advances in both theoretical and technical development of Web and wireless geographical information systems (W²GIS). It is the 15th in a series of successful events beginning with Kyoto 2001, and mainly alternating locations annually between East Asia and Europe. It provides an international forum for discussing advances in theoretical, technical, and practical issues in the field of wireless and Internet technologies suited for the dissemination, usage, and processing of geo-referenced data.

W²GIS is organized as a full two-day symposium, recognized as a leading forum for the dissemination and discussion on the latest research and development achievements in the Web GIS and wireless domains. The submission process was successful this year attracting papers from almost all continents. This demonstrates not only the growing importance of this field for researchers but also the growing impact these developments have in the daily lives of all citizens.

Each paper received at least three reviews and was ranked accordingly. The accepted papers are all of excellent quality and cover topics that range from Web technologies and techniques, paths and navigation, Web visualization, and novel applications.

We wish to thank the authors who contributed to this workshop for the high quality of their papers and presentations and the support of Springer LNCS. We would also like to thank the Program Committee for the quality and timeliness of their evaluations. Finally, many thanks to the Steering Committee for providing continuous advice and recommendations.

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