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Soggetti	Geographic information systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Continuous Perspective Query Processing for 3-D Objects on Road Networks -- A GIS Based Approach to Predicting Road Surface Temperatures -- Thematic Clustering of Geographic Resource Metadata Collections -- The Need for Web Legend Services -- Supporting Range Queries on Web Data Using k-Nearest Neighbor Search -- XFormsGI -- Extending XForms for Geospatial and Sensor Data -- Web Architecture for Monitoring and Visualizing Mobile Objects in Maritime Contexts -- A Theoretical Grounding for Semantic Descriptions of Place -- Towards the Geo-spatial Querying of the Semantic Web with ONTOAST -- Modeling Environmental Process Using Semantic Geospatial Web Service -- Historic Queries in Geosensor Networks -- Wireless Positioning Techniques -- A Developers Update -- Framy -- Visualizing Spatial Query Results on Mobile Interfaces -- PhotoMap -- Automatic Spatiotemporal Annotation for Mobile Photos -- Towards the Next Generation of Location-Based Services -- Automated Schematization for Web Service Applications -- A Continuous Spatial Query Processing for Push-Based Geographic Web Search Systems -- OGC Web Processing Service

Interface for Web Service Orchestration Aggregating Geo-processing Services in a Bomb Threat Scenario -- A Client for Distributed Geo-processing on the Web -- Heuristic Evaluation of Usability of GeoWeb Sites -- GeminiMap – Geographical Enhanced Map Interface for Navigation on the Internet.

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Sommario/riassunto

These proceedings contain the papers selected for presentation at the Seventh International Symposium on Web and Wireless Geographical Information Systems (W2GIS 2007). The symposium was organized locally by the University of Glamorgan (UK) and held in Cardiff (UK) in November 2007. It was the latest in a series of annual events that started in Kyoto 2001 and now alternate locations each year between East Asia and Europe. As in previous years, the aim of the symposium was to provide an up-to-date review of advances and recent developments in theoretical and technical issues relating to Web and wireless GIS technologies. The symposium organizers received 45 full papers in response to the call for papers. These papers went through a thorough review process, with each paper being assessed by at least three reviewers. The quality of papers was high, and 21 were selected for presentation and inclusion in these proceedings. It was particularly pleasing to note that 19 different countries are represented by the authors of selected papers. The keynote address was delivered by Jonathan Raper of City University, London, in which he talked about his research work in the areas of location-based services and mobile information needs. We wish to thank all the authors that submitted papers to this symposium. Our special thanks go to all those who attended, and particularly those who presented.

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