



The geospatial web : how geobrowsers, social software and the Web 2.0 are shaping the network society /

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Monografía

The Geospatial Web will have a profound impact on managing knowledge, structuring work flows within and across organizations. The enabling technologies for the Geospatial Web are geo-browsers such as NASA World Wind, Google Earth and Microsoft Live Local 3D. This book summarizes research on the Geospatial Web's technical foundations

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information for further processing and visualization -- A supervised machine learning approach to toponym disambiguation -- GEOSPATIAL COMMUNITIES. Geospatial information integration for science activity planning at the Mars Desert Research Station -- Inferences of social and spatial communities over the World Wide Web -- Participating in the geospatial web: collaborative mapping, social networks and participatory GIS -- Sharing, discovering and browsing geotagged pictures on the World Wide Web -- Supporting geo-semantic web communities with the DBin platform: use cases and perspectives -- ENVIRONMENTAL APPLICATIONS. A geospatial web platform for natural hazard exposure assessment in the insurance sector -- Development, implementation and application of the WebGIS MossMet -- European air quality mapping through interpolation with application to exposure and impact assessment -- Introduction to ubiquitous cartography and dynamic geovisualization with implications for disaster and crisis management -- Fire alerts for the geospatial web -- GEOSPATIAL WEB SERVICES. Geospatial web services: the evolution of geospatial data infrastructure -- SWING- a semantic framework for geospatial services -- Similarity-based retrieval for geospatial semantic web services specified using the Web Service Modeling Language (WSML-Core) -- Geospatial data integration with semantic web services: the eMerges approach -- Bibliography -- Online resources -- Index

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