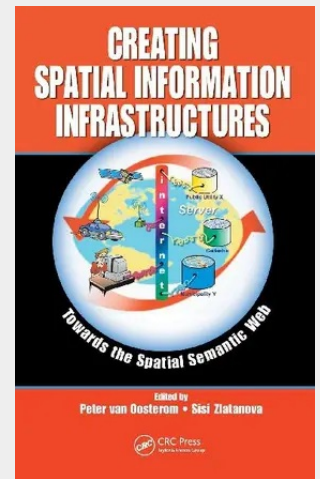


Creating Spatial Information Infrastructures

Towards the Spatial Semantic Web

Initiatives, such as INSPIRE and the US DHS Geospatial Data Model, are working to develop a rich set of standards that will create harmonized models and themes for the spatial information infrastructure. However, this is only the first step. Semantically meaningful models must still be developed in order to stimulate interoperability. Creating Spatial Information Infrastructures (SII) presents solutions to the problems preventing the launch of a truly effective SII. Leading experts in SII development present a complete overview of SII, including user and application needs, theoretical and technological foundations, and examples of realized working SII's. The book includes semantic applications in each discussion and explains their importance to the future of geo-information standardization. Offering practical solutions to technical and nontechnical obstacles, this book provides the tools needed to take the next step toward a working semantic web—one that will revolutionize the way the world accesses and utilizes spatial information.

Agreement on the syntax and formats of spatial data and developing systems to handle these is the first step towards the spatial information infrastructure (SII). Although a set of standards has already been established, a wealth of other technical and non-technical aspects must still be addressed. Creating Spatial Information Infrastructures covers these issues in depth. This book reflects major initiatives to create an SII, including the European INSPIRE initiative and the US DHS Geospatial Data Model. International contributors present information on standardization efforts for SII. The text also discusses semantic web technologies.



267,90 €

267,90 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781420070682

Medium: Buch

ISBN: 978-1-4200-7068-2

Verlag: CRC Press

Erscheinungstermin: 23.04.2008

Sprache(n): Englisch

Auflage: 1. Auflage 2008

Produktform: Gebunden

Gewicht: 496 g

Seiten: 218

Format (B x H): 161 x 240 mm

