

Published in the ISPRS Book Series



VOLUME 9

Advances in Web-based GIS, Mapping Services and Applications

Edited by Songnian Li, Suzana Dragičević and Bert Veenendaal

May 2011: 246 x 174: 400 pp: HB: 978-0-415-80483-7: £109.00 \$159.95

For more information visit: www.crcpress.com/9780415804837

VOLUME 8

Recent Advances in Remote Sensing and Geoinformation Processing for Land Degradation Assessment

Edited by Achim Röder and Joachim Hill

May 2009: 240 x 174: 418 pp: HB: ISBN 978-0-415-39769-8: £96.00 \$149.95

For more information visit: www.crcpress.com/9780415397698

VOLUME 7

Advances in Photogrammetry, Remote Sensing and Spatial Information Sciences: 2008 ISPRS Congress Book

Edited by Zhilin Li, Jun Chen and Emmanuel Baltsavias

June 2008: 240 x 174: 546 pp: HB: ISBN 978-0-415-47805-2: £127.00 \$199.95

For more information visit: www.crcpress.com/9780415478052

VOLUME 6

Geospatial Information Technology for Emergency Response

Edited by Sisi Zlatanova and Jonathan Li

January 2008: 240 x 174: 394 pp: HB: ISBN 978-0-415-42247-5: £140.00 \$219.95

For more information visit: www.crcpress.com/9780415422475

VOLUME 5

Advances in Spatio-Temporal Analysis

Edited by Xinming Tang, Yaolin Liu, Jixian Zhang and Wolfgang Kainz

August 2007: 240 x 174: 252 pp: HB: ISBN 978-0-415-40630-7: £93.00 \$145.95

For more information visit: www.crcpress.com/9780415406307

VOLUME 4

Advances in Mobile Mapping Technology

Edited by C. Vincent Tao & Jonathan Li

February 2007: 246 x 174: 191pp: HB: 978-0-415-42723-4: £76.99 \$119.95

For more information visit: www.crcpress.com/9780415427234

VOLUME 3

Next Generation Geospatial Information: From Digital Image Analysis to Spatiotemporal Databases

Peggy Agouris and Arie Croitoru

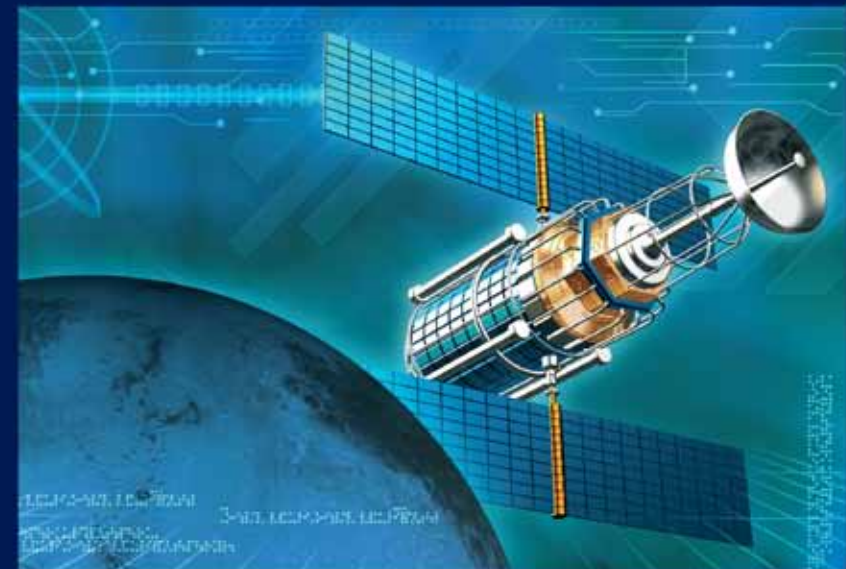
July 2005: 246 x 174: 198pp: HB: 978-0-415-38049-2: £76.99 \$119.95

For more information visit: www.crcpress.com/9780415380492

CRC Press / Balkema W: www.crcpress.com E: pub.nl@taylorandfrancis.com T: +31 71 524 3080



ISPRS Book Series



Advances in Geo-Spatial Information Science

Editors: Wenzhong Shi, Michael F. Goodchild, Brian Lees & Yee Leung



ISPRS Book Series

in Photogrammetry, Remote Sensing and Spatial Information Sciences

Book Series Editors: Paul Aplin

JUST RELEASED VOLUME 10

Advances in Geo-Spatial Information Science

Edited by **Wenzhong Shi**, *The Hong Kong Polytechnic University, Kowloon*, **Michael F. Goodchild**, *University of California, Santa Barbara, USA*, **Brian Lees**, *University of New South Wales at the Australian Defence Force Academy, Canberra, Australia*, and **Yee Leung**, *The Chinese University of Hong Kong, Hong Kong*

Advances in Geo-Spatial Information Science presents recent advances regarding fundamental issues of geo-spatial information science (space and time, spatial analysis, uncertainty modeling and geo-visualization), and new scientific and technological research initiatives for geo-spatial information science (such as spatial data mining, mobile data modeling, and location-based services). The book contains selected and revised papers presented at the joint International Conference on Theory, Data Handling and Modelling in GeoSpatial Information Science (Hong Kong, 26–28 May 2010), and brings together three related international academic communities: spatial information science, spatial data handling, and modeling geographic systems.

Advances in Geo-Spatial Information Science will be of interest for academics and professionals interested in spatial information science, spatial data handling, and modeling of geographic systems.

Advances in Geo-Spatial Information Science

Edited by Wenzhong Shi, Michael F. Goodchild, Brian Lees and Yee Leung

June 2012: 246 x 174 mm: 336 pp

Hardback: ISBN 978-0-415-62093-2: £109.00 / \$169.00

For more information and to order visit: www.crcpress.com/9780415620932

Selected table of contents

- Introduction
- Modeling space and time
- Spatial analysis and data mining
- Uncertainty modeling
- Mobile data modeling
- Geo-visualization
- Location-based computing and service

CRC Press / Balkema W: www.crcpress.com E: pub.nl@taylorandfrancis.com T: +31 71 524 3080

About the ISPRS Book Series

The *International Society for Photogrammetry and Remote Sensing (ISPRS) Book Series* comprises significant scientific publications in photogrammetry and remote sensing, and related disciplines. Each volume in the series is prepared independently and focuses on a topical theme. Volumes are published on an occasional basis, according to the emergence of noteworthy scientific developments. The material included within each volume is peer-reviewed rigorously, ensuring strong scientific standards.

Queries on any aspect of the ISPRS Book Series, are welcomed by the series editor **Paul Aplin** (paul.aplin@nottingham.ac.uk).

FORTHCOMING VOLUME 11

Environmental Tracking for Public Health Surveillance

Edited by **Stanley A. Morain** and **Amelia Budge**, *University of New Mexico, Albuquerque, USA*

August 2012: 240 x 174: 490 pp: HB: ISBN 978-0-415-58471-5: £89.00 \$139.00

For more information visit: www.crcpress.com/9780415584715

Provides a state-of-the-art overview on how environmental tracking data from satellite, airborne, and ground-based sensors are being integrated into appropriate geophysical and spatial information system models to enhance public health surveillance and decision-making from local to global levels.

Individuals within ISPRS member organisations benefit from a 35% discount on ISPRS Book Series volume purchases.

Volumes can be ordered using the special ISPRS member order form at www.isprs.org/publications/bookseries.html

To order visit our website www.crcpress.com

You can also place a written order with us by post, fax or e-mail:

Taylor & Francis Customer Services, c/o Bookpoint Limited

130 Milton Park, Abingdon, Oxon OX14 4SB, UNITED KINGDOM

Tel: +44 1235 400524 - Fax: +44 1235 400525 - Email: tandf@bookpoint.co.uk

For orders in the USA, Canada, Central & South America:

Taylor & Francis Group / CRC Press

Broken Sound Parkway, NW, (Suite 300), Boca Raton, FL 33487, USA

Tel: 1 (800) 272 7737 - Fax: 1 (800) 374 3401 - E-mail: orders@taylorandfrancis.com



Taylor & Francis
Taylor & Francis Group



CRC Press / Balkema
Taylor & Francis Group

CRC Press / Balkema W: www.crcpress.com E: pub.nl@taylorandfrancis.com T: +31 71 524 3080