

International Journal of 3-D Information Modeling

April-June 2015, Vol. 4, No. 2

Table of Contents

SPECIAL ISSUE ON THE 5.UZAL-CBS SYMPOSIUM

GUEST EDITORIAL PREFACE

- iv Derya Maktav, *Department of Geomatics Engineering, Istanbul Technical University, Istanbul, Turkey*

SPECIAL ARTICLES

- 1 **Dynamic Disaster Coordination System with Web based Html5 API**
Hamdi Çinal, *Afet Koordinasyon Merkezi (AKOM), Istanbul, Turkey*
Şeyma Taşkan, *Afet Koordinasyon Merkezi (AKOM), Istanbul, Turkey*
Fulya Baybaş, *RKSOFT, Ankara, Turkey*
- 16 **Production of Landslide Susceptibility Map using Bayesian Probability Model**
Halil Akıncı, *Department of Geomatics Engineering, Artvin Çoruh University, Artvin, Turkey*
Ayşe Yavuz Özalp, *Department of Geomatics Engineering, Artvin Çoruh University, Artvin, Turkey*
Mehmet Özalp, *Department of Forestry Engineering, Artvin Çoruh University, Artvin, Turkey*
Sebahat Temuçin Kılçer, *Department of Geomatics Engineering, Artvin Çoruh University, Artvin, Turkey*
Cem Kılıçoğlu, *Poplar Vocational School, Samsun, Turkey*
Emre Everan, *Artvin Vocational School, Artvin Çoruh University, Artvin, Turkey*
- 34 **Oblique Aerial Image Acquisition, 3D City Modeling, 3D City Guide Project for Konya Metropolitan Municipality**
Tuncer Ozerbil, *GEOGIS, Ankara, Turkey*
Ergun Gokten, *GEOGIS, Ankara, Turkey*
Mustafa Onder, *GEOGIS, Ankara, Turkey*
Osman Selcuk, *GEOGIS, Ankara, Turkey*
Nilhan Ciftci Sarilar, *GEOGIS, Ankara, Turkey*
Ayhan Tekgul, *OttoTEK, Ankara, Turkey*
Erdal Yilmaz, *ARGEDOR, Ankara, Turkey*
Alpaslan Tutuneken, *UVM Systems, Konya, Turkey*
- 48 **The Use of the Terrestrial Photogrammetry in Reverse Engineering Applications**
Naci Yastikli, *Department of Geomatics Engineering, Yıldız Technical University, Istanbul, Turkey*
Zehra Erisir, *Department of Geomatics Engineering, Yıldız Technical University, Istanbul, Turkey*
Pelin Altintas, *Department of Geomatics Engineering, Yıldız Technical University, Istanbul, Turkey*
Tugba Cak, *Department of Geomatics Engineering, Yıldız Technical University, Istanbul, Turkey*
- 58 **Detection of Urban Expansion by using DMSP-OLS, Landsat Data and Linear Spectral Unmixing Method**
Cihan Uysal, *Department of Geomatics Engineering, Istanbul Technical University, Istanbul, Turkey*
Derya Maktav, *Department of Geomatics Engineering, Istanbul Technical University, Istanbul, Turkey*

RESEARCH ARTICLES

- 68 **Challenges of Semantic 3D City Models: A Contribution of the COST Research Action TU0801**
Roland Billen, *Department of Geography, University of Liège, Liège, Belgium*
Anne-Françoise Cutting-Decelle, *École Centrale de Lille, Lille University of Science and Technology, Lille, France & Centre Universitaire d'Informatique, University of Geneva, Geneva, Switzerland*
Claudine Métrol, *Centre Universitaire d'Informatique, University of Geneva, Geneva, Switzerland*
Gilles Falquet, *Centre Universitaire d'Informatique, University of Geneva, Geneva, Switzerland*
Sisi Zlatanova, *Department of Urbanism, Delft University of Technology, Delft, Netherlands*
Ognen Marina, *Faculty of Architecture, Saints Cyril and Methodius University of Skopje, Skopje, Macedonia*

Copyright

The International Journal of 3-D Information Modeling (IJ3DIM) (ISSN 2156-1710; eISSN 2156-1702), Copyright © 2015 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of 3-D Information Modeling is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; MediaFinder; ProQuest Advanced Technologies & Aerospace Journals; ProQuest Computer Science Journals; ProQuest Illustrata: Technology; ProQuest SciTech Journals; ProQuest Technology Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory