International Journal of Agricultural and Environmental Information Systems

October-December 2015, Vol. 6, No. 4

Table of Contents

CITIES AND SMARTNESS: THE TRUE CHALLENGE

GUEST EDITORIAL PREFACE

iv Beniamino Murgante, University of Basilicata, Potenza, Italy Giuseppe Borruso, University of Trieste, Trieste, Italy

RESEARCH ARTICLES

- Scenarios and Modeling of Land Use and Cover Changes in Portugal from 1980 to 2040 Sara Santos, NOVA Information Management School, Lisbon, Portugal Pedro Cabral, NOVA Information Management School, Lisbon, Portugal Alexander Zamyatin, Tomsk State University, Tomsk, Russia
- Land Use, Economic Welfare and Property Values: An Analysis of the Interdependencies of the Real-Estate Market with Zonal and Socio-Economic Variables in the Municipalities of Apulia Region (Italy)
 Pierluigi Morano, Department of Science of Civil Engineering and Architecture, Politecnico di Bari, Bari, Italy
 Francesco Tajani, Department of Science of Civil Engineering and Architecture, Politecnico di Bari, Bari, Italy
 Marco Locurcio, Department of Architecture and Design, Sapienza University of Rome, Rome, Italy
- 40 How to Support Strategic Decisions in Territorial Transformation Processes Marta Bottero, Department of Regional and Urban Studies and Planning, Politecnico di Torino, Torino, Italy

maria bouero, Depariment of Regional and Orban suales and Flanning, Pollectico at Iorino, Torino, Italy Valentina Ferretti, Department of Regional and Urban Studies and Planning, Politecnico di Torino, Torino, Italy Giulio Mondini, Department of Regional and Urban Studies and Planning, Politecnico di Torino, Torino, Italy

- 56 Smart Cities and Municipal Building Regulation for Energy Efficiency
 - Eleonora Riva Sanseverino, Department of Energy, Information Engineering and Mathematical Models, University of Palermo, Palermo, Italy Gianluca Scaccianoce, Department of Energy, Information Engineering and Mathematical Models, University of Palermo, Palermo, Italy Valentina Vaccaro, Department of Energy, Information Engineering and Mathematical Models, University of Palermo, Palermo, Italy Maurizio Carta, Department of Architecture, University of Palermo, Palermo, Italy Raffaella Riva Sanseverino, Department of Architecture, University of Palermo, Palermo, Palermo, Italy
- 83 Comparing the MLC and JavaNNS Approaches in Classifying Multi-Temporal LANDSAT Satellite Imagery over an Ephemeral River Area

Eufemia Tarantino, Department of Civil, Environmental, Land, Building and Chemistry, Politecnico di Bari, Bari, Italy Antonio Novelli, Department of Civil, Environmental, Land, Building and Chemistry, Politecnico di Bari, Bari, Italy Mariella Aquilino, Department of Civil, Environmental, Land, Building and Chemistry, Politecnico di Bari, Bari, Italy Benedetto Figorito, ARPA Puglia, Bari, Italy Umberto Fratino, Department of Civil, Environmental, Land, Building and Chemistry, Politecnico di Bari, Bari, Italy

Copyright

The International Journal of Agricultural and Environmental Information Systems (IJAEIS) (ISSN 1947-3192; eISSN 1947-3206), 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 Agricultural and Environmental Information Systems is indexed or listed in the following: Bacon's Media Directory; Compendex (Elsevier Engineering Index), DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder: SCOPUS: The Standard Periodical Directory: Ulrich's Periodicals Directory