

International Conference for Free and Open Source Software for Geospatial (FOSS4G 2016)

OSGeo Journal Volume 16, Issue 1

Bonn, Germany
24-26 August 2016

Editors:

Franz-Josef Behr

ISBN: 978-1-7138-1902-8

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

This work is licensed under a Creative Commons Attribution 3.0 International License.
License details: <https://creativecommons.org/licenses/by-nd/3.0/>

No changes have been made to the content of these proceedings. There may be changes to pagination, and minor adjustments for aesthetics.

Printed with permission by Curran Associates, Inc. (2020)

For permission requests, please contact OSGeo
at the address below.

OSGeo
9450 SW Gemini Dr. #42523
Beaverton, Oregon
United States
97008

www.osgeo.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

IDENTIFICATION OF SAR DETECTED TARGETS ON SEA IN NEAR REAL TIME APPLICATIONS FOR MARITIME SURVEILLANCE	1
<i>Sergey Voinov, Egbert Schwarz, Detmar Krause, Matthias Berg</i>	
BUILDING APPLICATIONS WITH FOSS4G BRICKS: TWO EXAMPLES OF THE USE OF GRASS GIS MODULES AS A HIGH-LEVEL “LANGUAGE” FOR THE ANALYSES OF CONTINUOUS SPACE DATA IN ECONOMIC GEOGRAPHY	11
<i>Moritz Lennert</i>	
INVOLVING COMMUNITIES IN ENVIRONMENTAL PROTECTION BY COMMUNITY INFORMATION SYSTEMS: THE CASE STUDY OF “LA CUICADORA”	23
<i>Domenico Vito</i>	
IS THERE LIFE IN VIRTUAL GLOBES?	31
<i>Konstantinos Evangelidis, Theofilos Papadopoulos</i>	
FROM GLOBAL OBSERVATIONS TO LOCAL INFORMATION: THE EARTH OBSERVATION MONITOR	39
<i>Jonas Eberle</i>	
MODELLING POPULATION INTERACTIONS: THE PYSAL AND OPEN SOURCE WAY	56
<i>Lorraine Barry</i>	
SHAPEFILE PROJECTION FINDER.....	59
<i>Manfred Egger</i>	
OPEN SOURCE GEOSPATIAL APPLICATIONS TO SUPPORT RIVER BASIN MANAGEMENT IN KHARAA RIVER BASIN, MONGOLIA.....	62
<i>Jürgen Hofmann, Vanessa Bremerich, Jonas Gröning, Marc Janssen, Hinrich Paulsen</i>	
CLASSIFICATION OF LAND USE/COVER CHANGE IN THE KANTO REGION, JAPAN USING FOSS4G AND OPEN DATA	65
<i>Nobusuke Iwasaki, David Spraguea, Ayaka Onohara</i>	
MODELLING CONCRETE AND ABSTRACT GEOPROCESSING WORKFLOWS WITH ILWIS 4.....	68
<i>Rob Lemmens</i>	
HOW TO CROSS A SQUARE?	71
<i>Jakob Miksch, Stefan Hahmann</i>	
THE CONSTRUCTION OF OPEN DATA PORTAL USING DKAN FOR INTEGRATE TO MULTIPLE JAPANESE LOCAL GOVERNMENT OPEN DATA	74
<i>Toshikazu Seto, Yoshihide Sekimoto</i>	
DEVELOPMENT OF ENVIRONMENT SPATIAL INFORMATION SERVICE UTILIZING MOBILE LOCATION-BASED TECHNOLOGY	76
<i>Jeongho Yoon</i>	
GRASS IN THE DESERT? DEVELOPING FOSS TOOLS FOR MONITORING DESERTIFICATION	79
<i>Anna Zanchetta</i>	

Author Index