

Advances in Remote Sensing



Journal Editorial Board

ISSN Print: 2169-267X ISSN Online: 2169-2688

http://www.scirp.org/journal/ars

.....

Editorial Board

Dr. Amr Abd-Elrahman University of Florida, USA

Dr. Ram Avtar Japan Agency for Marine-Earth Science and Technology, Japan

Dr. Yong Bian Canada Centre for Remote Sensing, Canada

Dr. Padmanava Dash Jackson State University, USA

Dr. Konstantinos Karantzalos National Technical University of Athens, Greece

Dr. Hyongki Lee University of Houston, USA

Prof. Gunter Menz University of Bonn, Germany

Dr. Wenge Ni-Meister The City University of New York—Hunter College, USA

Dr. Thomas Oommen Michigan Technological University, USA

Dr. Mui-How Phua Universiti Malaysia Sabah, Malaysia

Dr. Sergey V. Samsonov Canada Centre for Remote Sensing, Canada

Dr. Zhuosen Wang University of Massachusetts Boston, USA

Dr. Byungyun Yang University of South Florida, USA

Dr. Chuanrong Zhang University of Connecticut, USA



TABLE OF CONTENTS

Volume 2	Number 3	September 2013
	antitative Model of Karst Drainage Basin Water-Holding Based on apponent Analysis: A Case Study of Guizhou, China	
Z. H. He, X. X	C. Chen, H. Liang, F. S. Huang, F. Zhao	205
	Landsat-5 TM Satellite for Assimilating Water Temperature Observatic Model of Small Inland Reservoir in Midwestern US	ations in 3D
M. Babbar-Sel	bens, L. Li, K. Song, S. S. Xie	214
Remote Sensi	ng Applications: Beyond Land-Use and Land-Cover Change	
C. W. Baynard	1	228
Application of	f Multi-Frequency SAR Images for Knowledge Acquisition	
V. Battsengel,	D. Amarsaikhan, A. Munkh-Erdene, Ch. Bolorchuluun, Ch. Narantsetseg	242
Towards an In on Hidden Ma	ntelligent Predictive Model for Analyzing Spatio-Temporal Satellite In arkov Chain	mage Based
H. Essid, I. R.	Farah, V. Barra.	247
Irrigation Sch	neduling Using Remote Sensing Data Assimilation Approach	
B. Kamble, A.	Irmak, K. Hubbard, P. Gowda	258
U	the Best Optimum Time for Predicting Sugarcane Yield Using oral Satellite Imagery	
S. Mutanga, C	. van Schoor, P. L. Olorunju, T. Gonah, A. Ramoelo	269
C	nd Change Detection along the Eastern Side of Qena Bend, Nile Valley GIS and Remote Sensing	7,
A. O. A. El-Az	ziz	276

Copyright © 2013 SciRes.

Advances in Remote Sensing (ARS)

Journal Information

SUBSCRIPTIONS

The Advances in Remote Sensing (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$39 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright@2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assumes no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: ars@scirp.org





Advances in Remote Sensing

http://www.scirp.org/journal/ars

Advances in Remote Sensing (ARS) is an openly accessible journal published quarterly. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in all areas of remote sensing.

Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous peer-review process. Accepted papers will immediately appear online followed by printed in hard copy. The areas covered by Advances in Remote Sensing (ARS) include but are not limited to the following fields:

- Advanced platforms and sensors
- Agriculture, ecosystems, land cover/change, hydrology, meteorological, social
- Biophysical and biogeochemical parameter modeling
- Change detection
- Data assimilation
- Data fusion
- Data receiving and engineering
- Data sharing and mining
- Economic surveys and cost-benefit analyses
- Environment management, dissemination, decision making
- Environmental monitoring
- Geospatial analysis of remote sensing data
- Global monitoring
- Hazard, ice/snow, fire, drought, fog, pollution
- Hyper-temporal remote sensing
- Image processing and analysis
- Image sequence analysis
- Image understanding and object based image analysis
- Land degradation & desertification
- Land-use and land-cover change assessment

- Land-use and land-cover change modeling
- Mobile mapping sensor and data analysis
- Multi-sensor approach
- Nonrenewable resources and geotechnical applications
- Other related principles of remote sensing
- Remote sensing of mining areas
- Remote sensing of wetlands
- Remote sensing planning, implementation
- Remote sensing program and experiment concepts
- Remote sensing science, theory
- Remote sensing strategic partnerships, policies, and measures
- Remote sensing validation and scaling problems
- Satellite instrument calibration requirements
- Satellite mission requirements and implementation
- Sensor characterisation
- Sensor intercalibration
- Sensor technology development
- Spacecraft and instrument navigation
- Time series analysis
- Unmanned aerial vehicle (UAV)
- Water quality modeling and benthic habitat classification
- Wetland mapping and ecology

We are also interested in: 1) Short reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book reviews—Comments and critiques.

Website and E-mail

http://www.scirp.org/journal/ars E-mail: ars@scirp.org