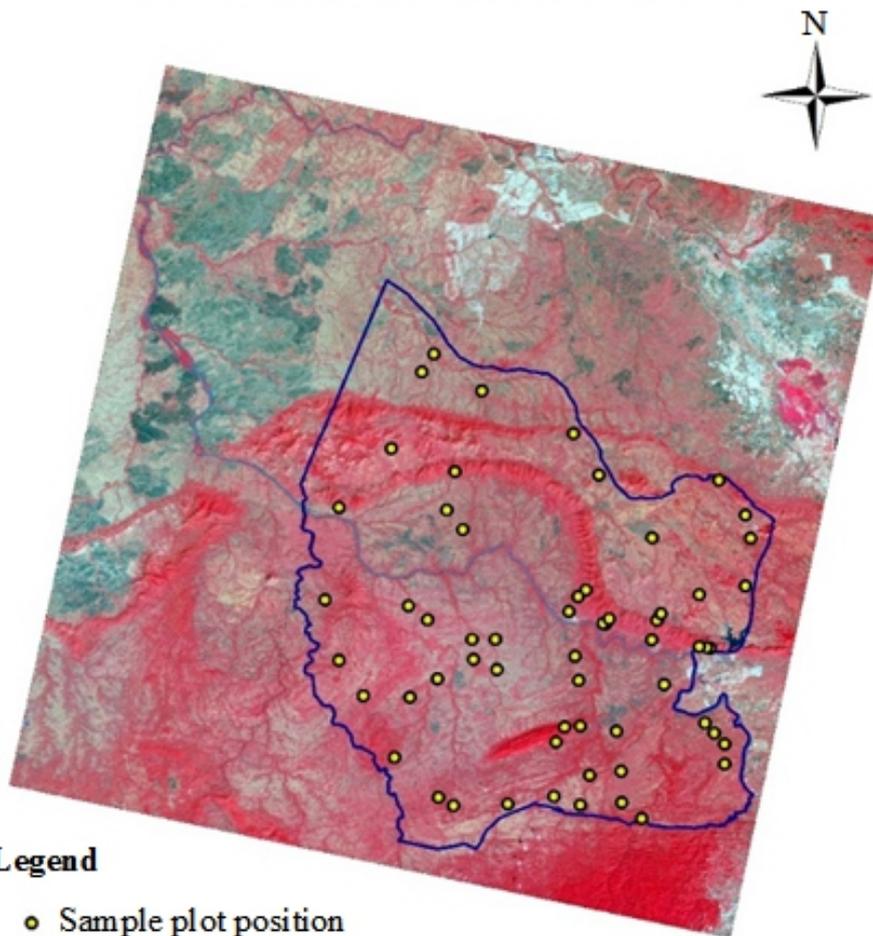


Advances in Remote Sensing

SAMPLE PLOT POSITIONS IN YOKDONAL PARK
CENTRAL HIGHLANDS IN VIET NAM



ISSN: 2169-267X



Journal Editorial Board

ISSN Print: 2169-267X

ISSN Online: 2169-2688

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

Editor-in-Chief

Prof. Gunter Menz University of Bonn, Germany

Editorial Board

Dr. Amr Abd-Elrahman University of Florida, USA
Dr. Bruno Andò The University of Catania, Italy
Dr. Raghavendra Angara University of Maryland, 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. Arjan Durrezi Indiana University-Purdue University Indianapolis, USA
Dr. Jeffrey J. Evans Purdue University, USA
Prof. Kamaruzaman Jusoff Universiti Putra Malaysia, Malaysia
Dr. Hyongki Lee University of Houston, USA
Dr. Sandeep Negi University of Utah, USA
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. Preetha Thulasiraman Naval Postgraduate School, USA
Dr. Tuong Thuy Vu University of Nottingham, Malaysia
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 4 Number 2

June 2015

| | |
|--|-----|
| Separability of Dominant Crop Cultures in Southern Germany Using TerraSAR-X Data K. Thiong'o, R. Pasternak, A. Kleusberg, F. Thonfeld, G. Menz..... | 97 |
| Forest Change and Its Effect on Biomass in Yok Don National Park in Central Highlands of Vietnam Using Ground Data and Geospatial Techniques N. V. Luong, R. Tateishi, N. T. Hoan, T. T. Tu..... | 108 |
| Experimental Investigations of Various Methods of Sludge Measurements in Storage Oil Tanks M. Monteiro, V. Svet, D. Sandilands, S. Tsysar..... | 119 |
| Adaptive Lifting Transform for Classification of Hyperspectral Signatures R. Agrawal, N. Bawane..... | 138 |
| A Synoptic Review on Deriving Bathymetry Information Using Remote Sensing Technologies: Models, Methods and Comparisons S. D. Jawak, S. S. Vadlamani, A. J. Luis..... | 147 |
| A Review on Applications of Imaging Synthetic Aperture Radar with a Special Focus on Cryospheric Studies S. D. Jawak, T. G. Bidawe, A. J. Luis..... | 163 |

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: \$59 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 AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:

Copyright © 2015 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright © 2015 by author(s) and Scientific Research Publishing Inc.

REUSE RIGHTS FOR INDIVIDUAL PAPERS:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

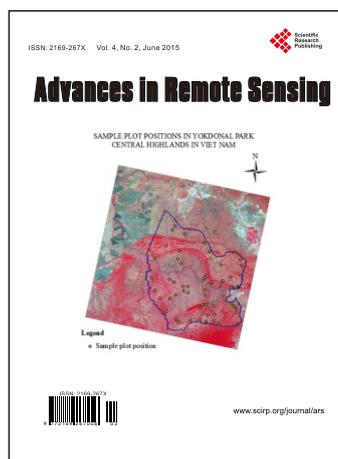
DISCLAIMER OF LIABILITY

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 assume 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

ISSN Print: 2169-267X

ISSN Online: 2169-2688

<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

