

Volume 2, Issue 2, Dec-2015

ISSN-2394-8698(P)
ISSN-2395-4388(O)

INTERNATIONAL
JOURNAL OF APPLIED
REMOTE SENSING & GIS

GSS JOURNALS
<http://www.gssjournals.org>

INTERNATIONAL JOURNAL OF APPLIED REMOTE SENSING & GIS

Published by the GSS Journals, 3A Kaiserbagh Avenue,
Hazratganj, Lucknow-226 001, India

Editorial Office

3A Kaiserbagh Avenue
Next to Gymkhana Club, Hazratganj
Lucknow-226 001, India.

Correspondence related to editorial matters should be sent to above editorial office
or email to **solution.gss@gmail.com**

Author's submission of research papers and articles to the International Journal of
Applied Remote Sensing & GIS is tantamount to their expressing consent for free
publication of their papers by the GSS Journals in print and electronic formats online.

International Journal of Applied Remote Sensing & GIS is published biannual by GSS
Journals, Lucknow.

Information about scope, content and forthcoming issues are available online at
<http://www.gssjournals.org>

Printed by GSS journals, Lucknow, India

© 2014 GSS Journals. All rights reserved.

GUEST EDITOR-IN-CHIEF

Prof. Sheo Shanker Verma

EDITORS

Dr. Kashif Imdad
PPN PG College, CSJM University, Kanpur, India
(Editor)

Dr. Hany Samy Abu El Ela
Fayoum University, Egypt
(Associate Editor)

EDITORIAL BOARD

Prof. B N Singh
Allahabad University, Allahabad,
India

Dr. Onosemuode Christopher
Federal University of Petroleum Resources,
Delta State, Nigeria

Prof. Harish Chandra Nainwal
Department of Geology, HNB Garhwal
University, Uttarakhand, India

Tuba Zahra
Center for Spatial Information Science,
University of Tokyo, Kashiwa Campus, Japan

Dr. P K Singh
NPG College, Lucknow University, Lucknow,
India

Prof. Ishaq M Kayamkhani
ML Sukhadia University, Udaipur,
India

Dr. Aniruddha Uniyal
Uttar Pradesh Remote Sensing Application
Centre, Lucknow, India

Dr. Archana Chaudhary
RR PG College, RML Avadh University, Amthi,
India

Dr. Sudhakar Shukla
Uttar Pradesh Remote Sensing Application
Centre, Lucknow, India

Dr. Virendra Kumar
Uttar Pradesh Remote Sensing Application
Centre, Lucknow, India

Dr. Satish Chandra
PPN PG College, CSJM University, Kanpur,
India

Dr. Rajiva Mohan
Uttar Pradesh Remote Sensing Application
Centre, Lucknow, India

Mr. Ajin R. S
GeoVin Solutions Pvt. Ltd.
Thiruvananthapuram, Kerala, India

Mr. Pawan Kumar Tiwari
Japan International Corporation Agency
(JICA), Delhi, India

ADVISORY BOARD

Chandra Shekhar Yadav
UPRSAC, Lucknow, India

Shubhi Misra
CIPOD, SIS, J.N.U, New Delhi, India

Dr. Ratnesh Shukla
Shri Ram Krishn PG College, Kanpur, India

Dr. Arun Kumar Dwivedi
Lucknow University, Lucknow, india

Dr. Ranapratap Yadav
VSSD College, CSJM University, Kanpur, India

Dr. Kumar Amit
DAV College, , CSJM University, Kanpur India

(Visit gssjournals website <http://www.gssjournals.org> for detailed list of members of editorial team.
Contact us if you wish to join International Journal of Applied Remote Sensing & GIS as member of
editorial board or reviewer)

INTERNATIONAL
JOURNAL OF APPLIED
REMOTE SENSING & GIS

GSS JOURNALS
<http://www.gssjournals.org>

CONTENTS

Sl. No.	Authors and Research Paper	Page No.
1.	Dhirendra Kumar, Dhruv Sen Singh & Manisha Mishra Implication of Drainage Basin Parameters of Kukrail Nala, Ganga Plain, using Remote Sensing and GIS techniques	1-9
2.	Abdalla Alobeid, Ali Aldosari, Muhamad Alrajhi & Mudasir Khan Alternative Approach for Recognition of Potential Ground Water Zones Using GIS and Remote Sensing	10-25
3.	Mayank Misra, SudhakarShukla & Rajiva Mohan Remote Sensing Based Wetland Mapping and Analysis of Declining Trend of Water Bodies in Different Sectors of Gomti River Basin: A Satellite Remote Sensing Based Approach	26-32
4.	Biplab Mandal & Sujit Mondal Assessment and Prediction of Slope Instability in the Lish River Basin of Eastern Darjiling Himalaya using RS & GIS	33-47
5.	Satish Chandra A Review on Remote Sensing Techniques to Measure the Solar Differential Rotation	48-68

GSS JOURNALS
<http://www.gssjournals.org>