



SJR Scimago Journal & Country Rank

- Home
- Journal Rankings
- Country Rankings
- Viz Tools
- Help
- About Us

Nursing Research Paper

Submit Your Nursing and Midwifery Research With Hindawi.

Hindawi Open

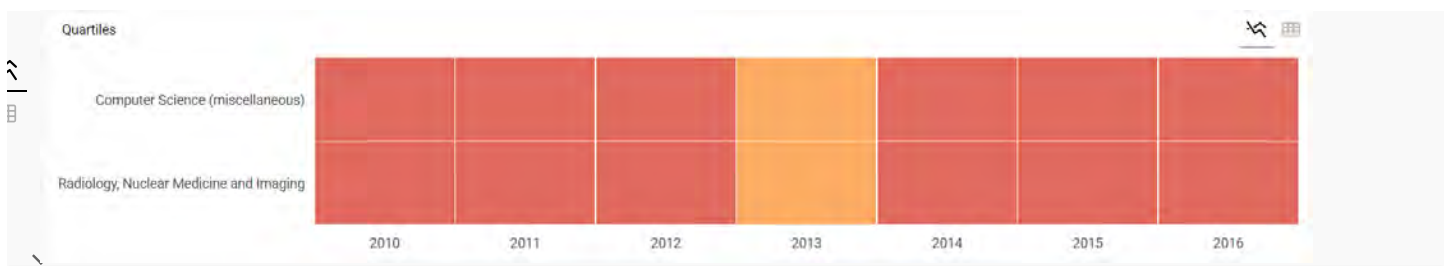
International Journal of Tomography and Statistics

COUNTRY	SUBJECT AREA AND CATEGORY	PUBLISHER	H-INDEX
India 	Computer Science └ Computer Science (miscellaneous) Medicine └ Radiology, Nuclear Medicine and Imaging	Indian Society for Development and Environment Research	8
PUBLICATION TYPE	ISSN	COVERAGE	INFORMATION
Journals	09729976, 09737294	2009-2013	Homepage

SCOPE

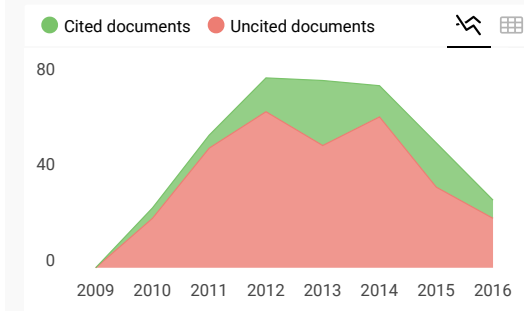
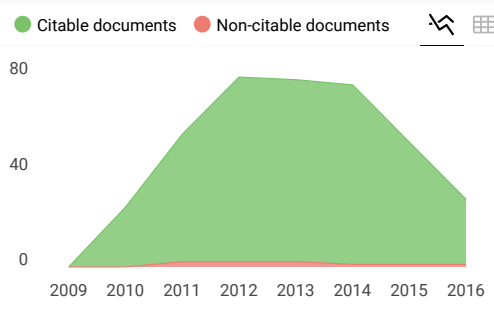
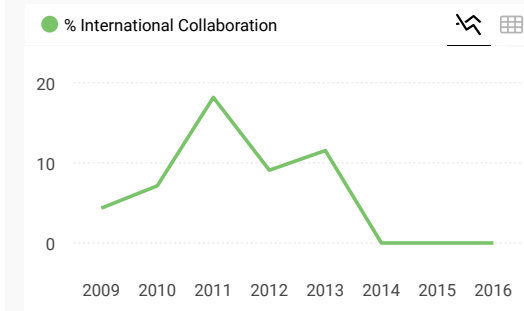
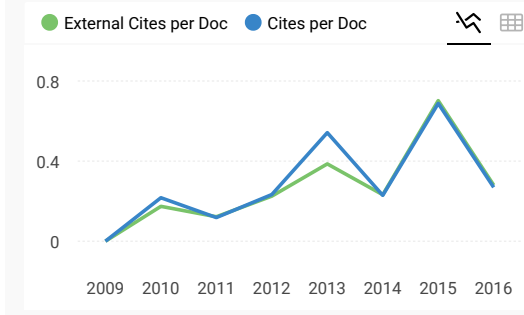
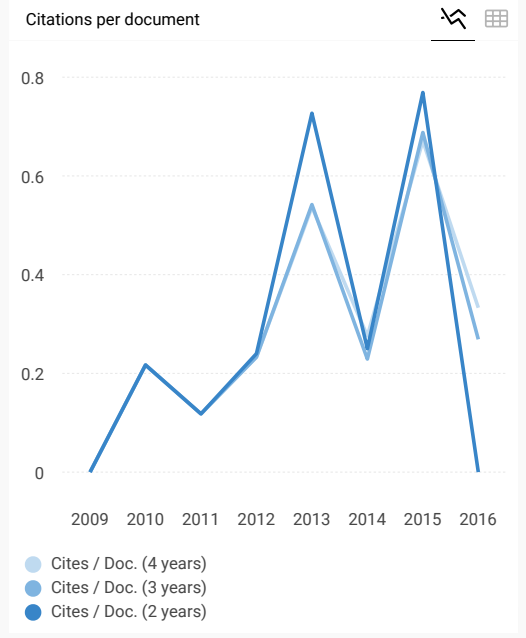
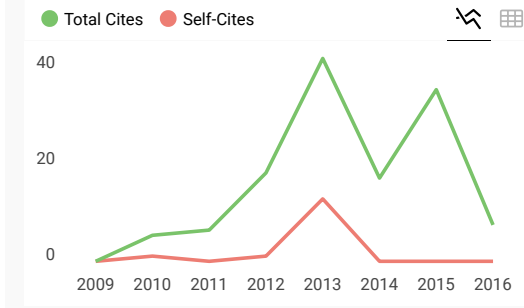
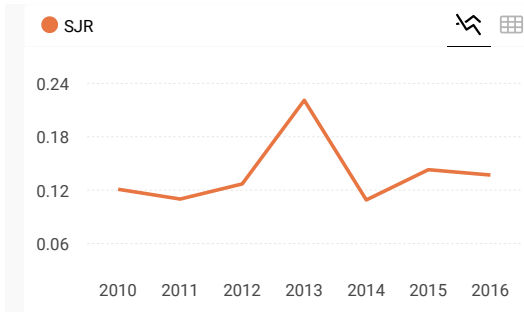
The main aim of the International Journal of Tomography & Statistics (IJTS) is to publish refereed, well-written original research articles, and studies that describe the latest research and developments in computerized Tomography and Statistics. It also covers the many potential applications and connections to other areas of Science and technology.

Join the conversation about this journal



Nursing Research Paper

Submit Your Nursing and Midwifery Research With Hindawi. Hindawi



International Journal of Tomography and Statistics

← Show this widget in your own website

Not yet assigned quartile

SJR 2021

0

powered by scimagojr.com

Just copy the code below and paste within your html code:

```
<a href="https://www.scimag
```

SCImago Graphica

Explore, visually communicate and make sense of data with our **new data visualization tool**.

Complexity Open Access Journal

Join Leading Researchers in the Field of Complexity. Publish Your Next Research With Us

Hindawi

Open

Metrics based on Scopus® data as of April 2022

Published with Hindawi

Hindawi

Leave a comment

Name

Email

(will not be published)

I'm not a robot

reCAPTCHA
Privacy - Terms

Submit

The users of Scimago Journal & Country Rank have the possibility to dialogue through comments linked to a specific journal. The purpose is to have a forum in which general doubts about the processes of publication in the journal, experiences and other issues derived from the publication of papers are resolved. For topics on particular articles, maintain the dialogue through the usual channels with your editor.



Research Paper Editing

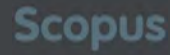
A Nature Research service. Expert scientific & english editing

Nature Research Editing

Developed by:



Powered by:



Follow us on @ScimagoJR

Scimago Lab, Copyright 2007-2022. Data Source: Scopus®

EST MODUS IN REBUS
Horatio (Satire 1, 1, 105)

[Edit Cookie Consent](#)



International Journal of Tomography & Simulation

ISSN 2319-3336

[Formerly known as the "International Journal of Tomography & Statistics"
ISSN 0973-7294 (Online); ISSN 0972-9976 (Print)]

www.ceser.in/ijts.html
www.ceserp.com/cp-jour/

HOME ABOUT LOGIN REGISTER SEARCH CURRENT ARCHIVES EDITORIAL
BOARD AUTHOR INSTRUCTIONS SUBSCRIPTIONS

Home > Archives > **2013, Volume 24, Issue Number 3**

2013, Volume 24, Issue Number 3



 Open Access  Subscription or Fee Access

Table of Contents

Articles

- [Tomographic Imaging of P- and S-wave Velocity Structure Beneath Central Java, Indonesia: Joint Inversion of the MERAMEX and MCGA Earthquake Data](#)
S. Rohadi, S. Widiyantoro, A. D. Nugraha, Masturyono
- [Quantification and Analysis of 3D Magnetic Resonance Image Brain Tumor](#)
D. Aju, B. K. Ray
- [Entropy-based Volume Local Binary Pattern](#)
Shadi Noruzifar, Reza Azmi, Behrouz Gholizadeh
- [A Novel Efficient Low Impact V2H Vehicle-to-House Battery Charging Scheme](#)
E. Elbakush, A. M. Sharaf
- [Adaptive Invisible Watermarking Model for Securing Ownership Rights of Digital Images using SIFT features in Bi-orthogonal Wavelet domain](#)
V. Santhi, P. Arulmozhivarman
- [Comparison of Pixel and Object Based Approaches Using Landsat Data for Land Use and Land Cover Classification in Coastal Zone of Medan, Sumatera](#)
Togi Tampubolon, Khiruddin bin Abdullah, Lim Hwee San
- [Multistage Compression of Encrypted Images for Band Effective Secured Transmission and Reconstruction](#)
D. Venugopal, A. Sivanantha Raja, M. Uma
- [A Wavelet-Multifractal Analysis for SAR Image Segmentation](#)
A. El Boustani, A. Ould khal, A. Hamid, E. El Bachari, S. Siddiqui, W. Kinsner

PDF 

1-16

PDF 

17-26

PDF 

27-41

PDF 

42-69

PDF 

70-85

PDF 

86-94

PDF 

95-102

PDF 

103-109

SUBSCRIPTION

Login to verify subscription
[Give a gift subscription](#)

USER

Username Password Remember me

NOTIFICATIONS

- [View](#)
- [Subscribe](#)

JOURNAL CONTENT

Search

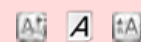
Search Scope

All

Browse

- [By Issue](#)
- [By Author](#)
- [By Title](#)
- [Other Journals](#)

FONT SIZE



INFORMATION

- [For Readers](#)
- [For Authors](#)
- [For Librarians](#)

Disclaimer/Regarding indexing issue:

We have provided the online access of all issues and papers to the indexing agencies (as given on journal web site). **It's depend on indexing agencies when, how and what manner they can index or not. Hence, we like to inform that on the basis of earlier indexing, we can't predict the today or future indexing policy of third party (i.e. indexing agencies) as they have right to discontinue any journal at any time without prior information to the journal. So, please neither sends any question nor expects any answer from us on the behalf of third party i.e. indexing agencies. Hence, we will not issue any certificate or letter for indexing issue.** Our role is just to provide the online access to them. So we do properly this and one can visit indexing agencies website to get the authentic information.

International Journal of Tomography & Simulation



ISSN 2319-3336

[Formerly known as the "International Journal of Tomography & Statistics"
ISSN 0973-7294 (Online); ISSN 0972-9976 (Print)]

www.ceser.in/ijts.html
www.ceserp.com/cp-jour/

HOME ABOUT LOGIN REGISTER SEARCH CURRENT ARCHIVES EDITORIAL
BOARD AUTHOR INSTRUCTIONS SUBSCRIPTIONS

Home > 2013, Volume 24, Issue Number 3 > **Tampubolon**

 Open Access  Subscription or Fee Access

Comparison of Pixel and Object Based Approaches Using Landsat Data for Land Use and Land Cover Classification in Coastal Zone of Medan, Sumatera

Togi Tampubolon, Khiruddin bin Abdullah, Lim Hwee San

Abstract

As an archipelagic country, Indonesia has the second longest coastal areas in the world after Canada. Coastal zone has dynamic characteristics. There are many changes here because of an unique ecology systems, sedimentation as well as human activities. Because of the coastal zone dynamics especially land use and land cover therefore it is important to identify them by using remote sensing technology. This paper discuss the application of Landsat satellite remote sensing image to classify land use and land cover by using object based classification approach in part of coastal zone of Medan, North Sumatera, Indonesia. Conventional classification methods use per pixel approaches that rely only on the spectral information or colours contained in the image. Otherwise object based classification approach firstly the image is segmented into objects. In subsequent steps, segments are merged based on their level of similarity. The user uses a scale parameter which indirectly controls the size of objects by specifying how much heterogeneity is allowed within each. User-defined color and shape parameters can also be set to change the relative weighting of reflectance and shape in defining segments. The methodology is consisted of satellite data acquisition, existing topographic map and statistical data collection, rectification of Landsat image, classification of land use and land cover using maximum likelihood algorithm and object based approach. Finally, the result shows that use of object based classification system provides reliable classification result than using traditional method such maximum likelihood classification system.

Keywords

object based method, maximum likelihood, Landsat, land use, land cover, coastal zone

Full Text:

[PDF](#) 

Disclaimer/Regarding indexing issue:

We have provided the online access of all issues and papers to the indexing agencies (as given on journal web site). **It's depend on indexing agencies when, how and what manner they can index or not. Hence, we like to inform that on the basis of earlier indexing, we can't predict the today or future indexing policy of third party (i.e. indexing agencies) as they have right to discontinue any journal at any time without prior information to the journal. So, please neither sends any question nor expects any answer from us on the behalf of third party i.e. indexing agencies. Hence, we will not issue any certificate or letter for indexing issue.** Our role is just to provide the online access to them. So we do properly this and one can visit indexing agencies website to get the authentic information.

SUBSCRIPTION

Login to verify subscription
[Give a gift subscription](#)

USER

Username

Password

Remember me

NOTIFICATIONS

- [View](#)
- [Subscribe](#)

JOURNAL CONTENT

Search

Search Scope

All

Browse

- [By Issue](#)
- [By Author](#)
- [By Title](#)
- [Other Journals](#)

FONT SIZE

INFORMATION

- [For Readers](#)
- [For Authors](#)
- [For Librarians](#)