

# Selecting Peer Reviewed Journals And Research and Publishing ETHICS

Wayan Darmawan ipb bogor



# OUT LINE

## Selecting the proper Journal Research and Publishing Ethics



# Questions to answer before you write

Think about **WHY** you want to publish your work.

- Is it **new and interesting**?
- Is it a **current hot topic**?
- Have you **provided solutions** to some difficult problems?
- Are you **ready** to publish at this point?

If all answers are **yes**

then start preparations for your **manuscript**



# What type of manuscript?

- **Full articles** / Original articles:  
the most important papers, significant **completed pieces of research**.
- **Letters** / Rapid Communications/ Short communications: **quick and early communication of significant and original advances**. Much shorter than full articles (check limitations).
- **Review papers** / perspectives: summarize recent developments on a specific topic. Highlight important previously reported points.

**Self-evaluate your work.** Is it sufficient for a full article? Or are your results so thrilling that they should be shown as soon as possible?

**Ask your supervisor and your colleagues** for advice on manuscript type.

# Identify the right audience for your paper

- Identify the audience  
Colleagues in Wood Sci. and Tech.
- Verify their interest in the topic  
Wood Finishing/Wood Chemistry..?
- Determine the range of interest (local /international)  
“Wettability and bonding quality of exterior coatings on jaboron and sengon wood surfaces”



# 1. Select the proper journal for submission

- Search a Journal by **Journal Finder**.
- Ask yourself the following questions:
  - Is the journal **peer-reviewed**?
  - Is the journal **relevant**?
  - Is the journal **a prestigious journal**?
  - Is the journal **discoverable**?
  - Is the journal **open access**?

# 1.1 Journal Finders

**Scholarly Peer review** is the process of subjecting an author's scholarly work, **research**, or ideas to the scrutiny of others who are experts in the same field, before a paper describing this work is published in a journal, conference proceedings or as a book.

## Some Journal Finders :

Elsevier Journal finder

Manuscript matcher

Springer Nature Suggester

# Elsevier Journal finder (Scopus)

ELSEVIER <sup>(/)</sup>

## Find the perfect journal for your article

Elsevier® Journal Finder helps you find journals that could be best suited for publishing your scientific article. Please also consult the journal's Aims and Scope for further guidance. Ultimately, the Editor will decide on how well your article matches the journal.

Powered by the Elsevier Fingerprint Engine™ (<http://info.scival.com/fingerprint>), Elsevier Journal Finder uses smart search technology and field-of-research specific vocabularies to match your article to Elsevier journals.

Simply insert your title and abstract and select the appropriate field-of-research for the best results.

Paper title

Paper abstract



# Manuscript matcher (Thomson Reuters)

EndNote™ basic   My References   Collect   Organize   Format   **Match**   Options   Downloads

## Find the Best Fit Journals for your Manuscript Powered By Web of Science

### Enter your Manuscript Details:

**\*Title:**

Type your title here

**\*Abstract:**

Type your abstract here

\*required

**References:**

Select Group

*Including references allows us to match more data points relevant to your manuscript*

[Find Journals >](#)



# Springer Nature Suggester (Scopus)

SPRINGER NATURE

## Journal suggester

Enter your manuscript details to see a list of journals most suitable for your research.

Manuscript title

**Radial Variation in Selected Wood Properties of Indonesian Merkusii Pine**

Manuscript text

**ABSTRACT**

Subject area

Please select  
**Life Sciences**

[+ Refine your recommendations](#)

**Suggest journals**



## Journal of the Indian Academy of Wood Science



-  
Impact factor

**148 days**  
First decision (average)

**67%**  
Acceptance rate



## Wood Science and Technology



**1.509**  
Impact factor

**51 days**  
First decision (average)

**26%**  
Acceptance rate



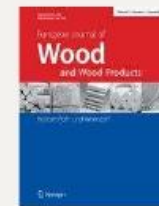
## European Journal of Wood and Wood Products



**1.082**  
Impact factor

**62 days**  
First decision (average)

**42%**  
Acceptance rate



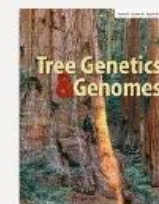
## Tree Genetics & Genomes



**1.624**  
Impact factor

**51 days**  
First decision (average)

**44%**  
Acceptance rate



## 1.2 Is the journal peer-reviewed?

### Ulrichsweb Global Serial Directory (300,000 journal, 900 subject)

#### Open Ulrich's.

1. Open Ulrich's web
2. Type the **JOURNAL TITLE** into the search box, and click the green search button.
3. In the search results, look for a referee jersey icon to indicate that a **journal** is refereed, which is a synonym for **peer-reviewed**.
4. Or you can click on a **journal** to see the full record.

## 1.3 Is the journal relevant?

<https://www.springer.com/life+sciences/forestry/journal/13196>

READ THIS JOURNAL ON SPRINGERLINK

[Online First Articles](#)

[All Volumes & Issues](#)

FOR AUTHORS AND EDITORS

[Aims and Scope](#)

[Submit Online](#)

[Instructions for Authors](#)

[Copyright Transfer Statement \(pdf, 97 kB...](#)

[Author Academy: Training for Authors](#)

### Aims and Scope

The Journal aims to cover research on all aspects of Wood Science and allied fields relating to resource utilization of wood. In essence it relates to all aspects of utilization including processing, sales and marketing of wood, its products and other lignocellulosic materials both from forestry and agricultural origin.



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## 1.4 Is the Journal a prestigious journal?

### Check *Journal Impact*

#### I. Impact Factor (IF) $\longrightarrow$ Web of Science database

The **impact factor (IF)** is used to measure the importance or rank of a journal by calculating the times it's articles are cited.

**Calculation of 2017 IF of a journal:**

$A$  = the number of times articles published in 2015 and 2016 were cited by indexed journals during 2017 (example : 500 times)

$B$  = the total number of "citable items" published in 2015 and 2016.  
(2015 = 120 articles, 2016 = 120 articles)

$$\mathbf{2017 \text{ impact factor} = A/B = 500/240 = 2.08}$$

## 2. SCImago Journal Rank (SJR)



SCOPUS data based

<https://www.scimagojr.com/>

Journal Rankings

Country Rankings

Viz Tools

Help

About Us

# SJR

Scimago Journal & Country Rank

Enter Journal Title, ISSN or Publisher Name



Journal of Indian Academy of Wood Science

### WHAT IS SCIMAGOJR FOR?



JOURNAL RANKS

EXPLORE



COUNTRY RANKS

EXPLORE



VIZ TOOLS

EXPLORE



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# Journal of the Indian Academy of Wood Science

Country: Germany

Subject Area and Category: Agricultural and Biological Sciences, Forestry, Plant Science, Materials Science, Biomaterials

Publisher: Springer Verlag

Publication type: Journals

ISSN: 0972172, 09768432

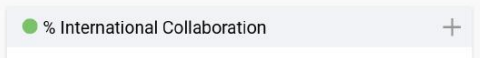
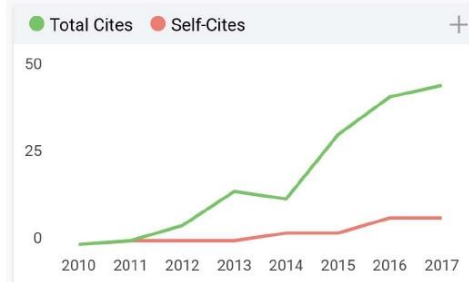
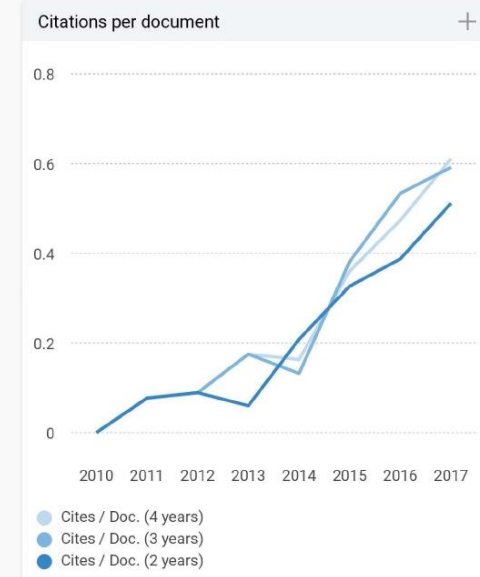
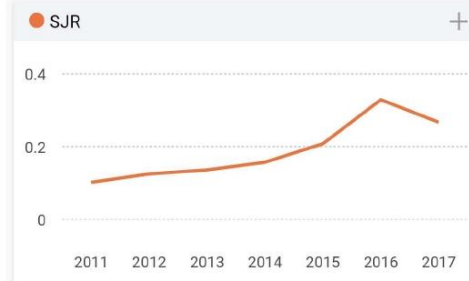
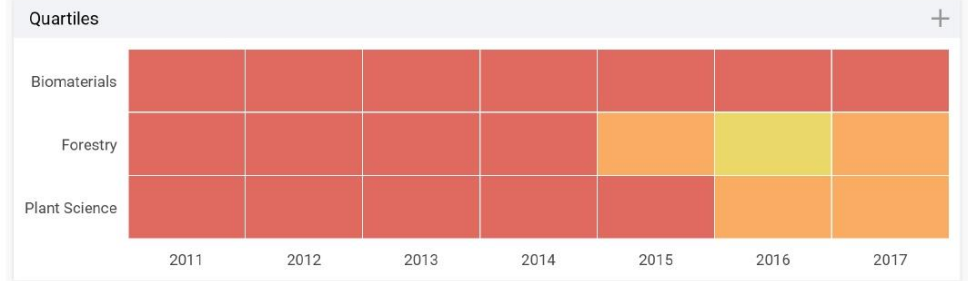
Coverage: 2010-ongoing

5

H Index

Quartile Q3

H index 5



h index of 20 is good, 40 is outstanding, and 60 is truly exceptional.

The advantage of the h-index is that it combines productivity (i.e., number of papers produced) and impact (number of citations) in a single number.





# The Importance of the Rank in DIKTI

## 1. Jurnal International Bereputasi :

Scopus indexed SJR with Q1, Q2, Q3, Q4  
Web of Science with an IF

Special Term/Requirement for Prof  
submission

## 2. Jurnal Internasional

Scopus indexed but without SJR  
Web of Science without IF

## 1.5 Is the Journal discoverable?

A journal is more likely to be discovered if it is indexed by a major journal database **providing easy access to content to researchers.**

### To make our article more discoverable:

1. Provide keywords when submit article the Journal
2. Register to Google Scholar and or Scopus
3. Use personal webpage
4. Use your ORCID identifier

## 1.6 Is the Journal open access?

Good starting place to search for open access journal

1. The [Directory of Open Access Journals](https://doaj.org/) (DOAJ)  
<https://doaj.org/>
2. The [Directory of Open Access Scholarly](http://road.issn.org/) (ROAD)  
<http://road.issn.org/>
3. **Open database of the Journal**  
**Search the content**

share | embed  10  order by ... relevance search all


Wood science Forestry



Journals vs Articles: Journals 

1 – 5 of 5

 **Journal of Forest Science**  
JFS  
ISSN: 1212-4834 (Print); 1805-935X (Online)  
<http://www.agriculturejournals.cz/web/jfs.htm>  
Peer review  
**Subject:** Agriculture: Forestry  
**Date added to DOAJ:** 24 Mar 2015  
**Record Last Updated:** 1 Jan 1970

License: Publisher's own license 

 **Floresta e Ambiente**  
ISSN: 1415-0980 (Print); 2179-8087 (Online)  
[http://www.scielo.br/scielo.php?script=sci\\_serial&pid=2179-8087&lng=en&nrm=iso](http://www.scielo.br/scielo.php?script=sci_serial&pid=2179-8087&lng=en&nrm=iso)  
Peer review  
**Subject:** Agriculture: Forestry  
**Date added to DOAJ:** 13 Oct 2016  
**Record Last Updated:** 13 Oct 2016

 **Ciência da Madeira**  
Brazilian Journal of Wood Science  
ISSN: 2177-6830 (Online)  
<https://periodicos.ufpel.edu.br/ojs2/index.php/cienciadamadeira>  
Blind peer review  
**Subject:** Agriculture: Forestry  
**Date added to DOAJ:** 21 Mar 2011  
**Record Last Updated:** 19 Jul 2017

 **Pro Ligno**  
ISSN: 1841-4737 (Print); 2069-7430 (Online)  
<http://www.proligno.ro/en/index.htm>  
Open peer review  
**Subject:** Agriculture: Forestry  
**Date added to DOAJ:** 20 Apr 2011  
**Record Last Updated:** 23 Jan 2017

 **Jurnal Ilmu Kehutanan**  
Journal of Forest Science  
ISSN: 0126-4451 (Print); 2477-3751 (Online)  
<http://jurnal.ugm.ac.id/jikfkt/index>  
Double blind peer review  
**Subject:** Agriculture: Forestry  
**Date added to DOAJ:** 2 Jan 2017  
**Record Last Updated:** 2 Jan 2017

VIEW OUR CURRENT ISSUE →

Research	<i>pp 3868-3879</i>	Bardak, S. (2018). " <b>Predicting the impacts of various factors on failure load of screw joints for particleboard using artificial neural networks,</b> " <i>BioRes.</i> 13(2), 3868-3879.	ABSTRACT	ARTICLE	PDF
Research	<i>pp 3880-3891</i>	Ouyang, T., Wang, L., Cheng, F., Hu, Y., and Zhao, X. (2018). " <b>Lignocellulose fractionation and lignin depolymerization using glycerol and acidic ionic liquids: Identification of the main products by GC-MS,</b> " <i>BioRes.</i> 13(2), 3880-3891.	ABSTRACT	ARTICLE	PDF
Research	<i>pp 3892-3904</i>	Porakiewicz, B., Wieczorek, D., Bocho-Janiszewska, A., Klimaszewska, E., Tanaka, C., & Darmawan, W. (2018). " <b>A theoretical model for the increases in cutting edge recessions during milling of nine species of wood,</b> " <i>BioRes.</i> 13(2), 3892-3904.	ABSTRACT	ARTICLE	PDF
Research	<i>pp 3905-3921</i>	Zhou, A., Huang, Z., Shen, Y., Huang, D., and Xu, J. (2018). " <b>Experimental investigation of mode-I fracture properties of parallel strand bamboo composite,</b> " <i>BioRes.</i> 13(2), 3905-3921.	ABSTRACT	ARTICLE	PDF
Research	<i>pp 3922-3931</i>	Zhao, H., Wu, H., Hu, H., Li, Y., Li, J., and Zhang, X. (2018). " <b>Cooperative decomposition of hydrogen peroxide by lignin-combined transition metals in pulp bleaching,</b> " <i>BioRes.</i> 13(2), 3922-3931.	ABSTRACT	ARTICLE	PDF
Research	<i>pp 3932-3948</i>	Chen, T., Luo, L., Li, Z., Zhang, Z., Zheng, S., Zhu, Z., He, J., & Zhao, W. (2018). " <b>Preparation and characterization of nitrogen and oxygen heteroatom codoped activated biocarbons from edamame shell,</b> " <i>BioRes.</i> 13(2), 3932-3948.	ABSTRACT	ARTICLE	PDF
Research	<i>pp 3949-3957</i>	Peşman, E., and Laloğlu, S. (2018). " <b>Recycling of colored office paper. Part I: Pre-bleaching with formamidine sulfinic acid at pulper,</b> " <i>BioRes.</i> 13(2), 3949-3957.	ABSTRACT	ARTICLE	PDF



## Volume 215

Pages 1-326 (January 2015)

- Deep-drawing of thermoplastic metal-composite structures: Experimental investigations, statistical analyses and finite element modeling

Original research article

Pages 159-170

A. Rajabi, M. Kadkhodayan, M. Manoochehri, R. Farjadfar



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Article preview 

- 3D numerical simulation of projection welding of square nuts to sheets

Original research article

Pages 171-180

C.V. Nielsen, W. Zhang, P.A.F. Martins, N. Bay



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Article preview 

- Lathe check characteristics of fast growing sengon veneers and their effect on LVL glue-bond and bending strength

Original research article

Pages 181-188

Wayan Darmawan, Dodi Nandika, Yusram Massijaya, Abigael Kabe, ... Barbara Ozarska



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Article preview 







## In this issue (28 articles)



Original Paper

***A simple model for shrub-strata-fuel dynamics in *Quercus coccifera* L. communities***

*François Pimont, Jean-Luc Dupuy, Eric Rigolot* Article:44



Original Paper

***Rapid and economical protocols for genomic and metagenomic DNA extraction from oak (*Quercus brantii* Lindl.)***

*Elahe Ahmadi, Mojegan Kowsari, Davoud Azadfar*... Article:43

3. Data Paper

***Meteorological data series from Swiss long-term forest ecosystem research plots since 1997***

*Martine Rebetez, Georg von Arx, Arthur Gessler*... Article:41

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***Meteorological data series from Swiss long-term forest ecosystem research plots since 1997***

*Martine Rebetez, Georg von Arx, Arthur Gessler*... Article:41



Original Paper

***The dynamics of carbon accumulation in *Eucalyptus* and *Acacia* plantations in the Pearl River delta region***

*Hui Zhang, HuaBo Duan, MingWei Song, DongSheng Guan* Article:40



Original Paper

***Comparison of teak wood properties according to forest management: short versus long rotation***

*Dwi Erikan Rizanti, Wayan Darmawan, Béatrice George*... Article:39

Decide on one journal.  
DO NOT submit to  
multiple journals.

Ethics in Science and Publication



# **ETHICS in Research and Publishing**

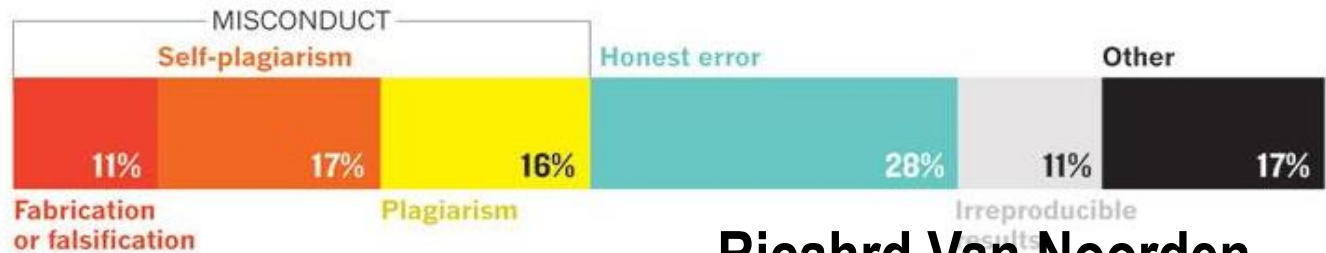
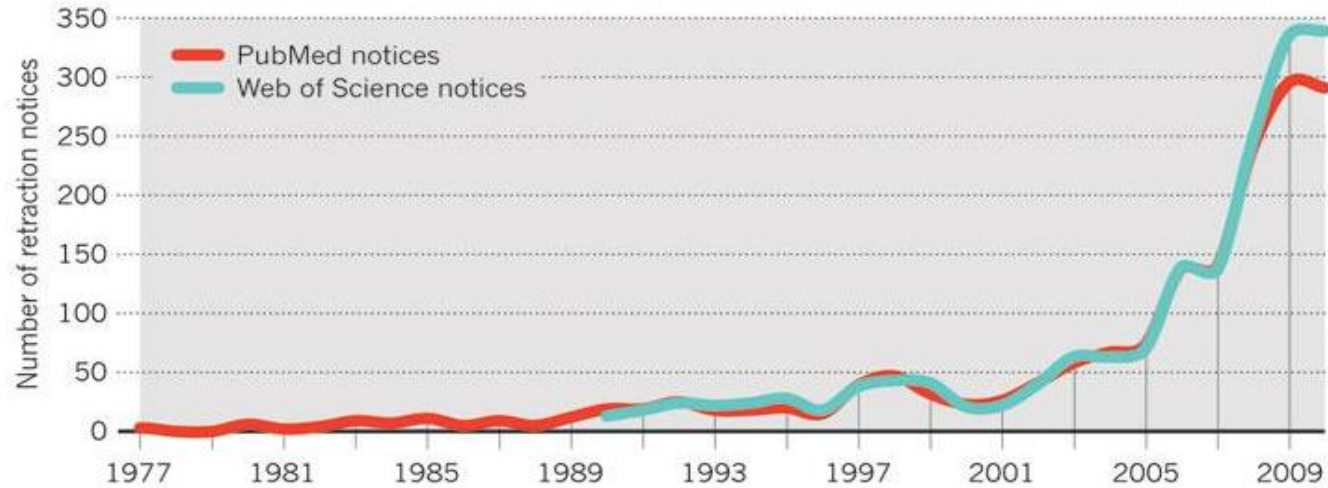
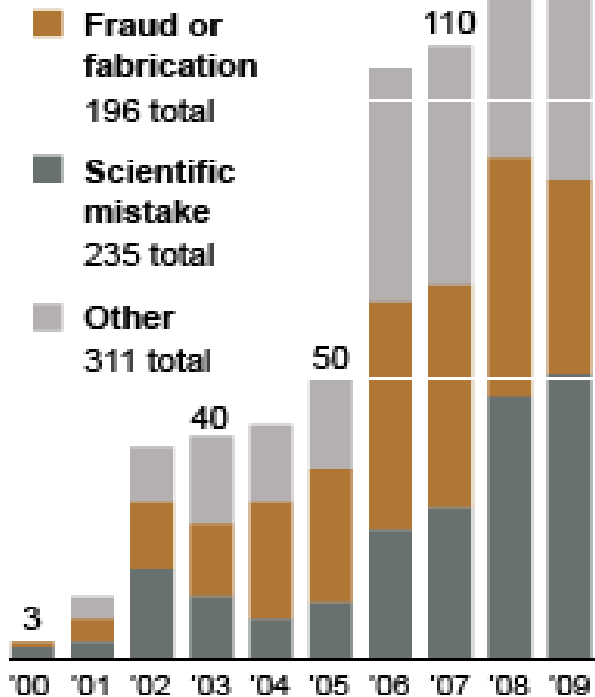


ELSEVIER

# Progress in Retractions

## Retractions On the Rise

A study of the PubMed database found that the number of articles retracted from scientific journals increased substantially between 2000 and 2009.



Ricahrd Van Noorden,  
Nature (2011)

Carl Zimmer, NYTimes  
(2012)



## 2.2 Research Misconduct

A common definition by:

US-Public Health Service, Office of Research Integrity)  
and accepted by many international agencies/institutions:

*Research misconduct includes, fabrication, falsification or plagiarism, in proposing, performing or reviewing research or in reporting research results.*

- (a) **FABRICATION** is making up data or results and recording or reporting them
- (b) **FALSIFICATION** is manipulating research materials, equipment or processes, or changing or omitting data or results that the research is not accurately presented in the research record
- (c) **PLAGIARISM** is the appropriation of another person's ideas, processes, results or words without giving appropriate credit
- (d) Duplication
- (e) Multiplication
- (f) Research misconduct **DOES NOT** include honest error or differences of opinion or necessarily

An easy to remember  
scientific moral code:

**do not lie** (fabrication),  
**cheat** (falsification) or  
**steal** (plagiarism)

# Contributing factors

**Is misconduct an individual problem or does the research environment contribute?**

**Some factors could contribute:**

- **lack of appropriate training and mentorship about good scientific practice**
- **high pressure and high profile publications**
- **lack of institutional ethics**
- **large collaborations**

# Common author misconduct situations

- **Figure manipulation or falsification**
- **Data falsification**
- **Plagiarism** (copying someone's words, ideas, procedures without attribution)
- **Self-Plagiarism** (Repeating ideas, text, tables or figures from own published work without citing the source )
- **Duplicate/redundant publication** (overlap with previous publications)
- **Multisubmission**
- **Conflicts of interest** (financial, professional, personal)
- **Authorship conflict** (missed authors)



# Plagiarism

Reproduction of  
around 80% of same  
text undetected by  
editors or reviewers!

Ocean Sci. Discuss., 5, 123-134, 2008  
www.ocean-sci-discuss.net/5/123/2008/  
doi:10.5194/osd-5-123-2008

© Author(s) 2008. This work is distributed  
under the Creative Commons Attribution 3.0 License.

## Coastal upwelling along the southwest

**K. Muni Krishna**

Dept. of Meteorology and Oceanography, Andhra University, Visakhapatnam – 530 003, India

**Abstract.** An index of El Niño Southern Oscillation (ENSO) in the Pacific during pre monsoon is shown to account for a significant part of the variability of coastal Sea Surface Temperature (SST) anomalies measured a few months later within the wind driven southwest coast of India coastal upwelling region 7° N–14° N. This teleconnection is thought to result from an atmospheric bridge between the Pacific and north Indian Oceans, leading to warm (cold) ENSO events being associated with relaxation (intensification) of the Indian trade winds and of the wind-induced coastal upwelling. This ENSO related modulation of the wind-driven coastal upwelling appears to contribute to the connection observed at the basin-scale between ENSO and SST in the Arabian Sea. The ability to use this teleconnection to give warning of large changes in the southwest coast of India coastal upwelling few months in advance is successfully tested using data from 1998 and 1999 ENSO events.



Pergamon

Progress in Oceanography 49 (2001) 245–255

Progress in  
Oceanography

www.elsevier.com/locate/pocean

## ENSO related modulation of coastal upwelling in the eastern Atlantic

Claude Roy <sup>a,\*</sup>, Chris Reason <sup>b</sup>

<sup>a</sup> IRD and Oceanography Department, University of Cape Town, Rondebosch 7701, South Africa

<sup>b</sup> Environmental and Geographical Science Department, University of Cape Town, Rondebosch 7701, South Africa

### Abstract

An index of ENSO in the Pacific during early boreal winter is shown to account for a significant part of the variability of coastal SST anomalies measured a few months later within the wind driven West African coastal upwelling region from 10°N to 26°N. This teleconnection is thought to result from an atmospheric bridge between the Pacific and Atlantic oceans, leading to warm (cold) ENSO events being associated with a relaxation (intensification) of the Atlantic trade winds and of the wind-induced coastal upwelling. This ENSO related modulation of the wind-driven coastal upwelling appears to contribute to the connection observed at the basin-scale between ENSO and SST in the north Atlantic. The ability to use this teleconnection to give warnings of large changes in the West African upwelling several months in advance is successfully tested using data from the 1998 and 1999 ENSO events. © 2001 Elsevier Science Ltd. All rights reserved.



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The above example would be detected immediately by the present QC.

Cross-Check provides a summary % of copied text and, for any copied passage of more than



[Redacted] Temporal Variability of the [Redacted]

By: [Redacted]

As of: Wed Aug 29, 2012 12:18pm EDT  
12,560 words - 248 matches - 74 sources

Similarity  
32%

Mode: Similarity Report

[Include Quotes](#) [Include Bibliography](#) [Exclude small matches](#)

4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

1 inorganic carbon (DIC), total alkalinity, and surface CO<sub>2</sub> partial pressure measurements were made throughout the Scotian Shelf in 2007. A shelf-wide assessment of the spatio-temporal variability of the inorganic carbon system was made relying on observations in April and September. Between these

pe-riods, a combination of biological production and surface dilution resulted in seasonal decreases in surface DIC of

8 up to 70 μmol kg<sup>-1</sup> and subsurface increases of DIC

- 1 2,495 words / 20% - CrossCheck [Redacted] Temporal variability of the [Redacted] Scotian Shelf, Biogeosciences Discussions, 12/1 [Redacted]
- 2 315 words / 2% - Internet from Mon Sep 13, 2010 [physics.nmt.edu](http://physics.nmt.edu)
- 3 214 words / 2% - Internet from Mon Dec 05, 2011 [oceanography.dal.ca](http://oceanography.dal.ca)
- 4 116 words / 1% - CrossCheck [Redacted] "Air-Sea CO<sub>2</sub> fluxes on [Redacted] seasonal [Redacted] variability", Biogeosciences, [Redacted] 2010
- 5 105 words / 1% - CrossCheck [Redacted] "Seasonal variability of [Redacted] Northwestern Atlantic", Marine Chemistry, 201 [Redacted]

the publications.





# Prevent misconduct? Institutions level

**Education** (Institutions should establish clear guidelines for responsible conduct in research, not only for students but all scientists in the institution).

**Active mentoring** (Senior investigators and mentors should not only talk to their trainees about the importance of good scientific practice)

**Create a zero tolerance environment** (Clear and stringent penalties for violations of guidelines)

**Create visible oversight committees at institutions for fair investigation** (Findings of committees should be made public when possible)

**Better mechanisms for linking/ updating papers** (retracted papers don't continue to be referenced and cited)

**Carefully consider reward systems** (may contribute to poor practices or focus on short term gains)

# Prevent misconduct? Editorials level

**Editors/journals have an ethical obligation** to respond to and address ethical allegations

**Most journals have author and reviewer guidelines for appropriate ethical conduct.** (Statements of copy right transfer)

**Routine screening:**

Routine figure screening for image manipulation

*CrossRef/CrossCheck* systems for detecting plagiarism

**Random screening of “certain types of papers”**

*Science, The Lancet* policies for heavier screening of papers in competitive fields, “hot topics,” “extraordinary claims”

**Contribute to education and development of community standards:** editorials, sponsorship of workshops to discuss issues related to scientific ethics.



## If there is evidence of misconduct/fraud:

- Prior to publication (during review): **manuscript can be withdrawn from review**
- Post-publication :  
*Retraction, Errata/Correction.*
- **When to :**  
**Retract vs Correct**  
Fraud vs Honest mistake.
- **Author may be banned from** submitting to the journal or other sanctions

**TERIMAKASIH**