

**LEMBAR  
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW  
KARYA ILMIAH : JURNAL ILMIAH**

Judul Karya Ilmiah/Jurnal : Seasonal distribution and variability of surface winds in the Indonesian seas using scatterometer and reanalysis data

Jumlah Penulis : 3 (Tiga)

Status Pengusul : ~~Penulis pertama~~/ penulis ke 2/~~penulis korespondensi \*\*~~

Penulis Karya Ilmiah : Inovasita Alifdini, Teruhisa Shimada, **Anindya Wirasatriya**

Identitas Karya Ilmiah : a. Nama Jurnal : International Journal of Climatology  
 b. No. ISSN : 1097-0088  
 c. Nomor, Volume, bln, thn : No. 10 Vol. 41 Tahun 2021  
 d. Penerbit : John Wiley and Sons Ltd  
 e. DOI Jurnal (jika ada) : 10.1002/joc.7101  
 f. Alamat Web Jurnal :  
 - Url Jurnal :  
<https://rmets.onlinelibrary.wiley.com/toc/10970088/2021/41/10>  
 - Url Jurnal:  
<https://rmets.onlinelibrary.wiley.com/doi/abs/10.1002/joc.7101>  
 g. Terindeks di Scimagojr/Thomson Reuter ISI knowledge atau di..

Kategori Publikasi Jurnal Ilmiah :  Jurnal Ilmiah Internasional / Internasional bereputasi  
 (beri ✓ pada kategori yang tepat)  Jurnal Ilmiah Nasional Terakreditasi  
 Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

| Komponen Yang Dinilai .....5)                                     | Nilai Maksimal Jurnal Ilmiah ..... 6)            |  |  | Nilai Akhir Yang Diperoleh ..... 7) |
|---|--|--|--|-------------------------------------|
|   | Internasional<br><input type="text" value="40"/> | Nasional Terakreditasi<br><input type="text"/> | Nasional Tidak Terakreditasi<br><input type="text"/> |                                     |
| a. Kelengkapan unsur isi jurnal (10%)                             | 4  |  |  | 3,7                                 |
| b. Ruang lingkup dan kedalaman pembahasan (30%)                   | 12   |  |  | 11,7                                |
| c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%) | 12   |  |  | 11,7                                |
| d. Kelengkapan unsur dan kualitas penerbit (30%)                  | 12   |  |  | 11,9                                |
| <b>Total = (100%)</b>   | <b>40</b>  |  |  | <b>39,0</b>                         |

**Catatan Penilaian Paper oleh Reviewer:**

Artikel ini merupakan gambaran yang menarik untuk digunakan pada berbagai disiplin ilmu seperti pelayaran dan mungkin untuk menentukan musim serta fenomena hidrodinamika oseanografi. Penyajiannya sangat sistimatis pada masing-masing unsur artikel jurnal dan dipublish pada jurnal Q2 yang kualitasnya sangat baik.  
 Nilai:  $0,2 \times 39,0 = 7,8$

Semarang,  
Reviewer 1

Prof. Ir. Muslim, M.Sc., Ph.D  
 NIP. 196004041987031002  
 Unit Kerja : FPIK UNDIP

**LEMBAR  
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW  
KARYA ILMIAH : JURNAL ILMIAH**

Judul Karya Ilmiah/Jurnal : Seasonal distribution and variability of surface winds in the Indonesian seas using scatterometer and reanalysis data

Jumlah Penulis : 3 (Tiga)

Status Pengusul : ~~Penulis pertama~~/ penulis ke 2/penulis korespondensi \*\*

Penulis Karya Ilmiah : Inovasita Alifdini, Teruhisa Shimada, **Anindya Wirasatriya**

Identitas Karya Ilmiah :

a. Nama Jurnal : International Journal of Climatology

b. No. ISSN : 1097-0088

c. Nomor, Volume, bln, thn : No. 10 Vol. 41 Tahun 2021

d. Penerbit : John Wiley and Sons Ltd

e. DOI Jurnal (jika ada) : 10.1002/joc.7101

f. Alamat Web Jurnal :

- Url Jurnal :  
https://rmets.onlinelibrary.wiley.com/toc/10970088/2021/41/10

- Url Jurnal:  
https://rmets.onlinelibrary.wiley.com/doi/abs/10.1002/joc.7101

g. Terindeks di Scimagojr/Thomson Reuter ISI knowledge atau di..

Kategori Publikasi Jurnal Ilmiah (beri ✓ pada kategori yang tepat) :

Jurnal Ilmiah Internasional / Internasional bereputasi

Jurnal Ilmiah Nasional Terakreditasi

Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

| Komponen Yang Dinilai .....5)                                     | Nilai Maksimal Jurnal Ilmiah .... 6) |                        |                              | Nilai Akhir Yang Diperoleh ..... 7) |
|---|--------------------------------------|------------------------|------------------------------|-------------------------------------|
|   | Internasional                        | Nasional Terakreditasi | Nasional Tidak Terakreditasi |                                     |
|   | 40                                   | 25                     | 10                           |                                     |
| e. Kelengkapan unsur isi jurnal (10%)                             | 4                                    | 2,5                    | 1                            | 4                                   |
| f. Ruang lingkup dan kedalaman pembahasan (30%)                   | 12                                   | 7,5                    | 3                            | 10                                  |
| g. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%) | 12                                   | 7,5                    | 3                            | 10                                  |
| h. Kelengkapan unsur dan kualitas penerbit (30%)                  | 12                                   | 7,5                    | 3                            | 12                                  |
| <b>Total = (100%)</b>   | <b>40</b>                            | <b>25</b>              | <b>10</b>                    | <b>36</b>                           |

**Catatan Penilaian Paper oleh Reviewer:**

- a) Jurnal *International Journal of Climatology* memiliki unsur unsur yang dinilai lengkap, mulai dari introduction sampai conclusion dan references dan dibagian akhir disampaikan pula supporting information.
- b) Ruang lingkup artikel ini sesuai dengan bidang penulis yakni oceanografi, yakni tentang angin di laut. Pembahasan hasil penelitian dinilai cukup mendalam karena didukung data terkait yakni angin termasuk arah, kecepatan dsb didukung dengan 57 pustaka.
- c) Artikel ini memberikan data dan informasi yang dinilai mencukupi. Metodologi yang digunakan untuk mendapatkan data angin dari the Advanced SCATterometer (ASCAT) onboard Meteorological Operational-A (MetOp-A) and Meteorological Operational-B (MetOp-B satellites at a sampling resolution of 12.5 km for 2010–2018, sedangkan untuk melihat konsistensi data diperoleh dari the National Centers for Environmental Information (NCEI) dari NOAA (National Oceanic and Atmospheric Administration).
- a) Jurnal *International Journal of Climatology* terindeks di Scopus Q2, hindeks 114 dengan SJR 1,18; memiliki unsur yang dinilai lengkap. Kualitas penerbitan dinilai baik, satu tahun terbit 2 (dua) kali.  
Nilai:  $0,2 \times 36 = 7,2$

Semarang, 27 Mei 2022  
Reviewer 2

Prof. Dr. Ir. Ambariyanto, M.Sc  
NIP. 196104131988031002  
Unit : FPIK Undip



# Source details

## International Journal of Climatology

Formerly known as: Journal of Climatology

Scopus coverage years: from 1989 to Present

Publisher: Wiley-Blackwell

ISSN: 0899-8418 E-ISSN: 1097-0088

Subject area: Earth and Planetary Sciences: Atmospheric Science

Source type: Journal

CiteScore 2021

6.7



SJR 2021

1.179



SNIP 2021

1.296



[View all documents >](#)

[Set document alert](#)

[Save to source list](#) [Source Homepage](#)

[CiteScore](#) [CiteScore rank & trend](#) [Scopus content coverage](#)

### i Improved CiteScore methodology



CiteScore 2021 counts the citations received in 2018-2021 to articles, reviews, conference papers, book chapters and data papers published in 2018-2021, and divides this by the number of publications published in 2018-2021. [Learn more >](#)

CiteScore 2021



$$6.7 = \frac{12.663 \text{ Citations 2018 - 2021}}{1.887 \text{ Documents 2018 - 2021}}$$

Calculated on 05 May, 2022

CiteScoreTracker 2022



$$6.7 = \frac{13.264 \text{ Citations to date}}{1.988 \text{ Documents to date}}$$

Last updated on 05 April, 2023 • Updated monthly

## CiteScore rank 2021



| Category                     | Rank    | Percentile |
|------------------------------|---------|------------|
| Earth and Planetary Sciences | #28/135 | 79th       |
| Atmospheric Science          |         |            |

[View CiteScore methodology >](#) [CiteScore FAQ >](#) [Add CiteScore to your site](#)

---

## About Scopus

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

## Language

[日本語版を表示する](#)

[查看简体中文版本](#)

[查看繁體中文版本](#)

[Просмотр версии на русском языке](#)

## Customer Service

[Help](#)

[Tutorials](#)

[Contact us](#)

---

## ELSEVIER

[Terms and conditions](#) ↗ [Privacy policy](#) ↗

Copyright © Elsevier B.V. ↗. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies ↗.





**RMetsS**  
Royal Meteorological Society

Volume 41 Number 10 August 2021

# International Journal of Climatology

The Royal Meteorological Society Journal of Climate Science



Editors

Bill Collins and Enric Aguilar

[wileyonlinelibrary.com/journal/joc](http://wileyonlinelibrary.com/journal/joc)

**WILEY**

ISSN-0899-8418

# INTERNATIONAL JOURNAL OF CLIMATOLOGY

The Royal Meteorological Society  
Journal of Climate Science

## AIMS AND SCOPE

The *International Journal of Climatology* aims to span the well established but rapidly growing field of climatology, through the publication of research papers, major reviews of progress and reviews of new books and reports in the area of climate science. The Journal's main role is to stimulate and report research in climatology, from the expansive fields of the atmospheric, biophysical, engineering and social sciences. Coverage includes:

- Climate system science
- Local to global scale climate observations and modelling
- Seasonal to interannual climate prediction
- Climatic variability and climate change
- Synoptic, dynamic and urban climatology, hydroclimatology, human bioclimatology, ecoclimatology, dendroclimatology and palaeoclimatology
- Application of climatological knowledge to environmental assessment and management and economic production
- Climate and society interactions

## EDITORS

### Dr Bill Collins

Lawrence Berkeley National Laboratory, Berkeley, California, USA  
E-mail: wdcollins@lbl.gov

### Dr Enric Aguilar

Center for Climate Change, Geography Department,  
Universitat Rovira i Virgili, Tarragona, Spain  
E-mail: enric.aguilar@urv.cat

## ASSOCIATE EDITORS

### John Abatzoglou

Management of Complex Systems Department University of  
California, Merced, CA, United States  
E-mail: jabatzoglou@uidaho.edu

### Professor Enric Aguilar

Universitat Rovira i Virgili  
Carrer de l'Escorxador, Tarragona, Spain  
E-mail: enric.aguilar@urv.cat

### Dr Annalisa Cherchi

Fondazione Centro Euro-Mediterraneo sui Cambiamenti Climatici  
Lecce, Italy  
E-mail: annalisa.cherchi@ingv.it

### Dr Jose A. Marengo

INPE/CCST, Sao Paulo, Brazil  
E-mail: jose.marengo@inpe.br

### Professor Ian G. McKendry

Department of Geography/Atmospheric Science Program,  
The University of British Columbia, Vancouver, Canada  
E-mail: ian.mckendry@geog.ubc.ca

### Professor Vincent Moron

Aix-Marseille University, 13545 Aix-en-Provence, Cedex 04, France  
E-mail: moron@cerege.fr

### Dr Matthias Roth

Department of Geography, National University of Singapore  
E-mail: geomr@nus.edu.sg

### Dr Tianjun Zhou

Institute of Atmospheric Physics (IAP), Chinese Academy  
of Sciences, Beijing, China  
E-mail: zhoujt@lasg.iap.ac.cn

## INTERNATIONAL EDITORIAL BOARD

### Professor Johnny C. L. Chan

City University of Hong Kong, China  
E-mail: johnny.chan@cityu.edu.hk

### Dr H. F. Diaz

NOAA/OAR/Climate Diagnostics Center,  
Boulder, CO, USA  
E-mail: henry.f.diaz@noaa.gov

### Professor Y. H. Ding

Chinese Academy of Meteorological Sciences, Beijing, China

### Professor B. N. Goswami

Indian Institute of Tropical Meteorology, Pashan, Pune, India  
E-mail: goswami@tropmet.res.in

### Dr R. H. Kripalani

Indian Institute of Tropical Meteorology, Pune, India  
E-mail: krip@tropmet.res.in

### Dr J. Martin-Vide

University of Barcelona, Spain  
E-mail: jmartinvide@ub.edu

### Dr Corene J. Matyas

Department of Geography, CLAS, University of Florida,  
Gainesville, FL, USA  
E-mail: matyas@ufl.edu

### Professor G. R. McGregor

School of Environment, The University of Auckland,  
New Zealand  
E-mail: g.mcgregor@auckland.ac.nz

### Professor T. Mikami

Tokyo Metropolitan University, Japan  
E-mail: mikami@tmu.ac.jp

### Dr Gerald Mills

University College Dublin, Ireland  
E-mail: gerald.mills@ucd.ie

### Dr Ed O'Lenic

NOAA-NWS, Camp Springs, MD, USA  
E-mail: ed.olenic@noaa.gov

### Dr Tim Osborn

University of East Anglia, Norwich, UK  
E-mail: t.osborn@uea.ac.uk

### Mr David E. Parker

Met Office Hadley Centre for Climate Prediction and  
Research, Exeter, UK  
E-mail: david.parker@metoffice.gov.uk

### Professor A. J. Pitman

ARC Centre of Excellence for Climate System Science,  
The University of New South Wales, Australia  
E-mail: a.pitman@unsw.edu.au

### Professor Chris Reason

University of Cape Town, Rondebosch, South Africa  
E-mail: cjr@egs.uct.ac.za

### Dr James A. Renwick

National Institute of Water & Atmospheric Research,  
Wellington, New Zealand  
E-mail: j.renwick@niwa.cri.nz

### Dr Hadas Saaroni

Tel Aviv University, Israel  
E-mail: saaroni@post.tau.ac.il

### Dr Silvina A. Solman

Centro de Investigaciones del Mar y la Atmosfera  
(CIMA/CONICET-UBA), Buenos Aires, Argentina  
E-mail: solman@cima.fcen.uba.ar

### Dr Ian Smith

CSIRO Atmospheric Research, Mordialloc, Australia  
E-mail: ian.smith@csiro.au

### Dr R. L. Wilby

Environment Agency, Nottingham, UK  
E-mail: rob.wilby@environment-agency.gov.uk

### Dr Daniel S. Wilks

Cornell University, New York, NY, USA  
E-mail: dsw5@cornell.edu



# INTERNATIONAL JOURNAL OF CLIMATOLOGY

The Royal Meteorological Society  
Journal of Climate Science

## Information for Subscribers

*International Journal of Climatology* is published in 15 issues per year: one per month, with an additional issue in March, June and November. Institutional subscription prices for 2021 are:  
Print & Online: US\$6701 (US and Rest of World), €4325 (Europe), £3423 (UK). Prices are exclusive of tax. Asia-Pacific GST, Canadian GST/HST and European VAT will be applied at the appropriate rates. For more information on current tax rates, please go to [www.wileyonlinelibrary.com/tax-vat](http://www.wileyonlinelibrary.com/tax-vat). The price includes online access to the current and all online backfiles to January 1<sup>st</sup> 2017, where available. For other pricing options, including access information and terms and conditions, please visit [www.wileyonlinelibrary.com/access](http://www.wileyonlinelibrary.com/access).

## Delivery Terms and Legal Title

Where the subscription price includes print issues and delivery is to the recipient's address, delivery terms are **Delivered at Place (DAP)**; the recipient is responsible for paying any import duty or taxes. Title to all issues transfers FOB our shipping point, freight prepaid. We will endeavour to fulfil claims for missing or damaged copies within six months of publication, within our reasonable discretion and subject to availability.

## Sample Copies

If you are interested in subscribing, you may obtain a free sample copy by contacting John Wiley & Sons Ltd, The Atrium, Southern Gate, Chichester, West Sussex, PO19 8SQ, UK.

## Back Issues

Single issues from current and recent volumes are available at the current single issue price from [cs-journals@wiley.com](mailto:cs-journals@wiley.com). Earlier issues may be obtained from Periodicals Service Company, 351 Fairview Avenue – Ste 300, Hudson, NY 12534, USA. Tel: +1 518 822-9300, Fax: +1 518 822-9305, Email: [pse@periodicals.com](mailto:pse@periodicals.com).

## Publisher

*International Journal of Climatology*

ISSN 0899-8418 (Print)

ISSN 1097-0088 (Online)

is published by John Wiley & Sons Ltd, The Atrium, Southern Gate, Chichester, West Sussex, PO19 8SQ, UK.

For submission instructions, subscription and all other information visit: [www.wileyonlinelibrary.com/journal/joc](http://www.wileyonlinelibrary.com/journal/joc).

**Production Editor:** Janelle Mae Eusebio (email: [jmeusebio@wiley.com](mailto:jmeusebio@wiley.com))

**Advertising:** Email: [adsales@wiley.co.uk](mailto:adsales@wiley.co.uk)

**Author Reprints** Order online: (50–300 copies)

[www.sheridan.com/wiley/eoc](http://www.sheridan.com/wiley/eoc)

**Journal Customer Services:** For ordering information, claims and any enquiry concerning your journal subscription please go to [www.wileycustomerhelp.com/ask](http://www.wileycustomerhelp.com/ask) or contact your nearest office.

**Americas:** Email: [cs-journals@wiley.com](mailto:cs-journals@wiley.com); Tel: +1 781 388 8598 or +1 800 835 6770 (toll free in the USA & Canada).

**Europe, Middle East and Africa:** Email: [cs-journals@wiley.com](mailto:cs-journals@wiley.com); Tel: +44 (0) 1865 778315.

**Asia Pacific:** Email: [cs-journals@wiley.com](mailto:cs-journals@wiley.com); Tel: +65 6511 8000.

**Japan:** For Japanese speaking support, Email: [cs-japan@wiley.com](mailto:cs-japan@wiley.com); Tel: +65 6511 8010 or Tel (toll free): 005 316 50 480.

**Visit our Online Customer Help** available in 7 languages at [www.wileycustomerhelp.com/ask](http://www.wileycustomerhelp.com/ask).

## Copyright and Copying

Copyright © 2021 Royal Meteorological Society. All rights reserved. No part of this publication may be reproduced, stored or transmitted in any form or by any means without the prior permission in writing from the copyright holder. Authorization to copy items for internal and personal use is granted by the copyright holder for libraries and other users registered with their local Reproduction Rights Organisation (RRO), e.g. Copyright Clearance Center (CCC), 222 Rosewood Drive, Danvers, MA 01923, USA ([www.copyright.com](http://www.copyright.com)), provided the appropriate fee is paid directly to the RRO. This consent does not extend to other kinds of copying such as copying for general distribution, for advertising or promotional purposes, for republication, for creating new collective works or for resale. Permissions for such reuse can be obtained using the RightsLink "Request Permissions" link on Wiley Online Library. Special requests should be addressed to: [permissions@wiley.com](mailto:permissions@wiley.com).

## Online Open

*International Journal of Climatology* accepts articles for Open Access publication. Please visit <http://olabout.wiley.com/WileyCDA/Section/id-828081.html> for further information about OnlineOpen.

## Disclaimer

The Publisher, The Royal Meteorological Society and Editors cannot be held responsible for errors or any consequences arising from the use of information contained in this journal; the views and opinions expressed do not necessarily reflect those of the Publisher, The Royal Meteorological Society and Editors, neither does the publication of advertisements constitute any endorsement by the Publisher, The Royal Meteorological Society and Editors of the products advertised.

## Production Details

Typeset in India by Laserwords Private Ltd, Chennai.

Printed in Singapore by C.O.S. Printers Pte Ltd.

## Abstracting and Indexing

*International Journal of Climatology* is indexed by: Abstracts on Hygiene and Communicable Diseases (CABI), Add FRANCIS (CNRS), Agricultural Engineering Abstracts (CABI), Agroforestry Abstracts (CABI), Animal Breeding Abstracts (CABI), ASFA: Aquatic Sciences & Fisheries Abstracts (CSA/CIG), Bibliography & Index of Geology/GeoRef (AGI), CAB Abstracts® (CABI), CAB HEALTH (CABI), CABDirect (CABI), Cambridge Scientific Abstracts (CSA/CIG), COMPENDEX (Elsevier), Crop Physiology Abstracts (CABI), CSA Environmental Sciences & Pollution Management Database (CSA/CIG), CSA Sustainability Science Abstracts (CSA/CIG), Current Contents: Physical, Chemical & Earth Sciences (Thomson Reuters), Current Geographical Publications (AGS), Current Index to Statistics (ASA/IMS), Environment Abstracts (LexisNexis), Environment Index (EBSCO), Field Crop Abstracts (CABI), Forestry Abstracts (CABI), GeoArchive (Geosystems), GEOBASE/Geographical & Geological Abstracts (Elsevier), GeoRef Geotitles (Geosystems), Global Health (CABI), Grasslands and Forage Abstracts (CABI), Groundwater & Soil Contamination Database (AGI), Horticultural Science Abstracts (CABI), IBIDS: International Bibliographic Information on Dietary Supplements (NIH), IBR & IBZ: International Bibliographies of Periodical Literature (KG Saur), INSPEC (IET), Irrigation & Drainage Abstracts (CABI), Journal Citation Reports/Science Edition (Thomson Reuters), Leisure Tourism Database (CABI), Leisure, Recreation and Tourism Abstracts (CABI), Maize Abstracts (CABI), Meteorological & Geostrophysical Abstracts (CSA/CIG), Oceanic Abstracts (CSA/CIG), Ornamental Horticulture (CABI), PASCAL Database (INIST/CNRS), Plant Genetic Resources Abstracts (CABI), Review of Medical and Veterinary Entomology (CABI), Review of Plant Pathology (CABI), Rice Abstracts (CABI), Rural Development Abstracts (CABI), Science Citation Index (Thomson Reuters), Science Citation Index Expanded™ (Thomson Reuters), SCOPUS (Elsevier), Soils and Fertilizer Abstracts (CABI), Soybean Abstracts Online (CABI), Sugar Industry Abstracts (CABI), Tropical Diseases Bulletin (CABI), VINITI (All-Russian Institute of Science & Technological Information), WATERLIT (NISC), Web of Science (Thomson Reuters), Wheat, Barley & Triticale Abstracts (CABI), World Agricultural Economics and Rural Sociology Abstracts (CABI).

Access to this journal is available free online within institutions in the developing world through the AGORA initiative with the FAO and the OARE initiative with UNEP. For information, visit [www.aginternetwork.org](http://www.aginternetwork.org), [www.oaresciences.org](http://www.oaresciences.org).

## Identification Statement

INTERNATIONAL JOURNAL OF CLIMATOLOGY, (Print ISSN: 0899-8418; Online ISSN: 1097-0088), is published monthly with additional issues in March, June and November, total 15 issues. US mailing agent: Mercury Media Processing LLC, 1850 Elizabeth Avenue, Suite #C, Rahway, NJ 07065 USA. Periodical postage paid at Rahway, NJ.

Postmaster: Send all address changes to INTERNATIONAL JOURNAL OF CLIMATOLOGY, John Wiley & Sons Inc., C/O The Sheridan Press, PO Box 465, Hanover, PA 17331 USA.

## Wiley's Corporate Citizenship Initiative

Wiley's Corporate Citizenship initiative seeks to address the environmental, social, economic, and ethical challenges faced in our business and which are important to our diverse stakeholder groups. Since launching the initiative, we have focused on sharing our content with those in need, enhancing community philanthropy, reducing our carbon impact, creating global guidelines and best practices for paper use, establishing a vendor code of ethics, and engaging our colleagues and other stakeholders in our efforts. Follow our progress at [www.wiley.com/go/citizenship](http://www.wiley.com/go/citizenship).

## Wiley Online Library

View this journal online at <http://wileyonlinelibrary.com/journal/joc>.

## Statement on Research4Life

Wiley is a founding member of the UN-backed HINARI, AGORA, and OARE initiatives. They are now collectively known as Research4Life, making online scientific content available free or at nominal cost to researchers in developing countries. Please visit Wiley's Content Access – Corporate Citizenship site: <http://www.wiley.com/WileyCDA/Section/id-390082.html>.

# INTERNATIONAL JOURNAL OF CLIMATOLOGY

wileyonlinelibrary.com/journal/joc

## Contents

Volume 41 Number 10

August 2021

### RESEARCH ARTICLES

- Extreme precipitation events and their relationships with circulation types in Italy  
M. Iannucci, G. Bartolini, G. Betti, A. Crisci, D. Grifoni, B. Gozzini, A. Messeri, M. Morabito, C. Tei,  
T. Torrigiani Malaspina, R. Vallorani and G. Messeri ..... 4769
- Hazard assessment of extreme heat during summer maize growing season in Haihe Plain, China  
Q. Zhang, J. Han and Z. Yang ..... 4794
- Development and evaluation of pre and post integration techniques for enhancing drought predictions over India  
V. Kolluru and S. Kolluru ..... 4804
- Seasonal distribution and variability of surface winds in the Indonesian seas using scatterometer and reanalysis data  
I. Alifdini, T. Shimada and A. Wirasatriya ..... 4825
- Evaluation of precipitation datasets available on Google earth engine over India  
S. Dubey, H. Gupta, M. K. Goyal and N. Joshi ..... 4844
- Comparison of ERA5 surface wind speed climatologies over Europe with observations from the HadISD dataset  
M. O. Molina, C. Gutiérrez and E. Sánchez ..... 4864
- Spatio-temporal variability of wet and drought events in the Paraná River basin—Brazil and its association with the  
El Niño—Southern oscillation phenomenon  
E. B. Santos, E. D. de Freitas, S. A. A. Rafee, T. Fujita, A. P. Rudke, L. D. Martins, R. A. Ferreira de Souza and  
J. A. Martins ..... 4879
- A historical climate dataset for southwestern Australia, 1830–1875  
J. Gergis, Z. Baillie, S. Ingallina, L. Ashcroft and T. Ellwood ..... 4898
- Dynamic analysis of meteorological time series in Hong Kong: A nonlinear perspective  
B. Yan, P. W. Chan, Q. Li, Y. He and Z. Shu ..... 4920
- Comprehensive evaluation of an improved large-scale multi-site weather generator for Germany  
V. D. Nguyen, B. Merz, Y. Hundecha, U. Haberlandt and S. Vorogushyn ..... 4933
- Shrub-rings used to reconstruct drought history of the central Alxa desert, northwest China  
A.-J. Ding, S.-C. Xiao, X.-M. Peng, Q.-Y. Tian and C. Han ..... 4957
- Prediction of summer extreme hot days in China using the SINTEX-F2  
X. Lu, C. Yuan, M. Yang, T. Doi, M. Wahiduzzaman and J.-J. Luo ..... 4966
- Early sunshine duration and cloud cover records in Coimbra (Portugal) for the period 1891–1950  
J. Montero-Martín, M. Antón, J. M. Vaquero, J. Neto and A. Sanchez-Lorenzo ..... 4977
- Contribution of climate/meteorology to winter haze pollution in the Fenwei Plain, China  
Z. Zhao, S. C. Liu, R. Liu, Z. Zhang, Y. Li, H. Mo and Y. Wu ..... 4987
- Identification and inter-comparison of appropriate long-term precipitation datasets using decision tree model and  
statistical matrix over China  
M. A. Faiz, Y. Zhang, F. Baig, D. Wrzesiński and F. Naz ..... 5003
- Regional downscaled future change of clear-air turbulence over East Asia under RCP8.5 scenario within the  
CORDEX-EA-II project  
B. Hu, J. Tang, J. Ding and G. Liu ..... 5022
- Interannual variability of mid-summer heat wave frequency over the Sichuan Basin  
X. Huang, T. Zhang, X. Jiang, S. Liu and D. Xiao ..... 5036
- Australian rainfall variability—Why is the eastern seaboard of Australia different to the rest of Australia and also internally  
inhomogeneous  
C. R. Twomey and A. S. Kiem ..... 5051
- The influence of the Atlantic multidecadal oscillation on the interdecadal variability of winter precipitation in the Greater  
Mekong Subregion  
S. Gui, R. Yang, J. Cao, S. Tan, S. Janjai and Z. Dong ..... 5072
- Climatological intraseasonal oscillation in the middle–upper troposphere and its effect on the northward migration of the  
East Asian westerly jet and rain belt over eastern China  
J. Li, B. Liu and J. Mao ..... 5084
- Identification of radiative and advective populations in Canadian temperature time series using the Linear Pattern  
Discrimination algorithm  
A. Žaknić-Čatović and W. A. Gough ..... 5100