

Journal of Physical Oceanography

The JOURNAL OF PHYSICAL OCEANOGRAPHY (*JPO*) publishes research related to the physics of the ocean and to processes operating at its boundaries. Observational, theoretical, and modeling studies are all welcome, especially those that focus on elucidating specific physical processes. Papers that investigate interactions with other components of the Earth system (e.g., ocean–atmosphere, physical–biological, and physical–chemical interactions) as well as studies of other fluid systems (e.g., lakes and laboratory tanks) are also invited, as long as their focus is on understanding the ocean or its role in the Earth system.

Chief Editor

JEROME A. SMITH
Scripps Institution of Oceanography

Editors

MAARTEN BUIJSMAN
University of Southern Mississippi

PAOLA CESSI
Scripps Institution of Oceanography

SYLVIA T. COLE
Woods Hole Oceanographic Institution

ILKER FER
University of Bergen
GREGORY FOLZ
National Oceanic and
Atmospheric Administration

JODY KLYMAK
University of Victoria

YUENG-DJERN LENN
Bangor University

JACOB WENEGRAT
University of Maryland, College Park

Associate Editors

HIDENORI AIKI
Nagoya University

JORN CALLIES
California Institute of Technology

ERIC A. D'ASARO
University of Washington

YVONNE LEILANI FIRING
National Oceanography Centre

MARA FREILICH
Scripps Institution of Oceanography,
University of California, San Diego

PETER R. GENT
National Center for Atmospheric Research

ROBERT HALLBERG
NOAA/Geophysical Fluid Dynamics Laboratory

GREGORY C. JOHNSON
NOAA/Pacific Marine Environmental Laboratory

LEAH JOHNSON
Brown University

SAM KELLY
University of Minnesota Duluth

TOBIAS KUKULKA
University of Delaware

JULIE McCLEAN
Scripps Institution of Oceanography, University
of California, San Diego

TREVOR McDOUGALL
University of New South Wales

ROGER M. SAMELSON
Oregon State University

ANDREW L. STEWART
University of California, Los Angeles

LEIF THOMAS
Stanford University

DANIEL WHITT
NASA Ames Research Center

Editorial Staff

AMS Lead Technical Editor for JPO

MARK E. FERNAU

AMS Lead Copy Editor for JPO

NICOLE E. RIETMANN

Peer Review Staff

FELICIA GULLOTTA (Assistant to Dr. Smith)

DJ ARRUDA

CRISTINA BARLETTA

TIFFANY BISCHOFF

ERIN GUMBEL

ANDREA HERBST

CHRISTINE ZIEBARTH

AMS Scientific and Technical Journals Staff

Director of Publications

GWENDOLYN WHITTAKER

Senior Manager for Publishing Operations

MICHAEL A. FRIEDMAN

Peer Review Support Manager

GWENDOLYN WHITTAKER

Publications Billing and AMS Office Manager

CAITLIN GARRISON

Production Manager

SHEILA F. GAFVERT

Production Team Coordinator

LIZ WRIGHT

Senior Production Assistant

DANIELLE M. JOYCE

Production Assistants

KATIE QUIRK
ABBY WOODWARD

Managing Technical Editor

MARK E. FERNAU

Senior Technical Editors

HOLLIS E. BAGUSKAS

RICHARD R. BRANDT

Managing Copy Editor

JESSICA A. LAPOINTE

Senior Copy Editors

KRISTIN GILBERT

RAMESH PILLAY

NICOLE E. RIETMANN

ANDREA L. SCHEIN

© Copyright 2023 American Meteorological Society (AMS). For permission to reuse any portion of this work, please contact permissions@ametsoc.org. Any use of material in this work that is determined to be "fair use" under Section 107 of the U.S. Copyright Act (17 U.S. Code § 107) or that satisfies the conditions specified in Section 108 of the U.S. Copyright Act (17 USC § 108) does not require AMS's permission. Reproduction, systematic reproduction, posting in electronic form, such as on a website or in a searchable database, or other uses of this material, except as exempted by the above statement, require written permission or a license from AMS. All AMS journals and monograph publications are registered with the Copyright Clearance Center (<https://www.copyright.com>). Additional details are provided in the AMS Copyright Policy statement, available on the AMS website (<https://www.ametsoc.org/PUBSCopyrightPolicy>).

The JOURNAL OF PHYSICAL OCEANOGRAPHY (ISSN 0022-3670) is published monthly by the American Meteorological Society at 45 Beacon Street, Boston, MA 02108. Subscription rates for this and other AMS titles are available online at <https://www.ametsoc.org/index.cfm/ams/publications/subscription-information>. For information on becoming an AMS member and/or subscribing to the Society's journals, visit the AMS website: <https://www.ametsoc.org>. Subscription orders, claims for missing numbers, changes of address, and other business correspondence should be sent to amsinfo@ametsoc.org (or to the American Meteorological Society, 45 Beacon Street, Boston, MA 02108-3693). Periodical postage paid at Boston, MA, and at additional mailing offices. POSTMASTER: Send address changes to the *Journal of Physical Oceanography*, American Meteorological Society, 45 Beacon Street, Boston, MA 02108-3693.