



Call for Papers

Observing the Oceans

www.Earthzine.org is an informative scientific online journal dedicated to promoting the societal benefits of Earth Observations and the utilization of Earth information in planning and policy. Sponsored by the [IEEE](http://www.ieee.org) (Institute of Electrical and Electronic Engineers), Earthzine supports the [Group on Earth Observation](http://www.geo.gov) in establishing the Global Earth Observation System of Systems. **Earthzine seeks to explore the application of scientific and technological research as well as policy and its implementation for the benefit of society.**

We invite you to submit an article and become part of a growing, professionally diverse community and global readership network working to build the Global Earth Observation System of Systems ([GEOSS](http://www.geo.gov)).

www.Earthzine.org is soliciting articles for its theme issue on **Observing the Oceans**. We are seeking contributions addressing issues related to the design, development, maintenance, and operation of long- term ocean observing system either space borne or in situ based. The focus lies on comprehensive information systems and observation platforms, as well as topics related to infrastructure and capacity building for such systems.

Specific topics of interest focus on, but are not limited to the following:

- Description of existing observing infrastructure and their impact on detecting and quantifying long term trends of the world oceans
- Initiatives towards developing a global coordinated information and data system for ocean monitoring to better understand the dynamics of the deep-ocean and processes throughout the ocean water column and within the coastal environment
- Tools and methods that are available for integrating existing ocean observing systems
- Requirements and gaps that exist in oceanic observations
- Descriptions of specific Earth information systems as well as their application for studying key environmental issues pertaining to the oceans
- Methodological and technical issues related to ocean information systems development, deployment, operation, and maintenance
- Common challenges, “best practices,” and “lessons learned” related to infrastructure and capacity development and maintenance for ocean observation purposes
- Education programs that focus on the oceans

The theme issue is scheduled for the spring quarter, March - June of 2010. We seek to publish articles from all regions of the globe.



We welcome articles about programs, projects, organizations, examples of interdisciplinary and/or cross-regional research latest discoveries, and unusual findings. We also publish opinion essays, book and art reviews. Submissions must be in English. Submit to Guest Editor Christoph Waldmann at waldmann@marum.de.

Please consult the [Writer's Guidelines](#) for further information.

Important dates: Queries to the editors may be sent at any time (waldmann@marum.de). Submission of original articles, letters, opinions, book and art for review begins **February 1, 2010**.

Publication: All accepted contributions will be published on-line at www.Earthzine.org in the second quarter of 2010 and will be freely accessible to the public.

Information: Earthzine website: <http://www.earthzine.org>
Writer's Guidelines: <http://www.earthzine.org/about-2/writers-guidelines>
GEO/GEOSS website: <http://www.earthobservations.org>

Editor-in-Chief
Paul E. Racette, DSc
editor@earthzine.org

Managing Editor
Maevé Hickok, MA
mhickok@earthzine.org

Guest Editor for Observing the Oceans

Dr. Christoph Waldmann
University of Bremen/MARUM
Leobener Strasse
PO Box 330440
28359 Bremen
GERMANY
E-mail: waldmann@marum.de
T +49-421-218 65606
F +49-421-218 65607

Earthzine is chiefly staffed by volunteers. Please join us! Check out the Contributions page at <http://www.earthzine.org/contributecfp/>

Volunteer and make a difference!