



Call for Papers Water Availability

Earthzine is an informative scientific online journal dedicated to promoting the societal benefits of Earth observation and the utilization of Earth information in planning and policy.

Earthzine is soliciting articles of 800-3,000 words for its **fourth quarter theme on water availability**. We seek contributions addressing current issues, techniques and applications of Earth observation information for **measuring water, the social benefits of monitoring water and the humanitarian implications of water availability**.

The theme issue is scheduled for **Sept. 23- Dec. 21, 2011**. We seek to publish articles from all regions of the globe.

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](#)).

Sponsored by the [IEEE](#) (Institute of Electrical and Electronic Engineers), Earthzine supports the [Group on Earth Observations](#) 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.

Specific topics of interest for our Water Availability theme include:

- How Earth observation technologies have or can contribute to quantify water resources at or below the Earth's surface at a global, regional and local scale, including lakes, groundwater, soil moisture, snow and glaciers;
- Advances in the use of Earth observation technologies by countries and organizations for water management related to increasing pressure from global population growth and economic development;
- The use of Earth observation technologies to assess key environmental issues such as climate change, droughts, floods and biodiversity;
- Challenges and opportunities for validation of water-related remotely sensed data with in-situ measurements, initiation of benchmarking activities, and identification of long term trends;
- Innovative applications of Earth observation technologies in water research for validation and improvement of hydrological models and data assimilation for weather forecasting.



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 inquiries and articles to Annett Bartsch at annett.bartsch@tuwien.ac.at.

Please consult the Writer's Guidelines for further information at www.earthzine.org/writers-guidelines.

Important dates: Queries to the editors may be sent at any time. Submission of original articles, letters, opinions, book and art for review **begins Aug. 28 and ends Nov. 21.**

Publication: All accepted contributions will be published online at www.earthzine.org and will be freely accessible to the public.

Information:

Earthzine website: www.earthzine.org

Writer's Guidelines: www.earthzine.org/writers-guidelines

GEO/GEOSS website: www.earthobservations.org

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