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CALL FOR PAPERS - **SPECIAL ISSUE**

The Use of Technologies to Enhance **Ocean Literacy**



Deadline for Abstract Submission:

August 31st, 2023



Message from the Guest Editors

Dear Colleagues,

Drs. Géraldine Fauville, Erika Woolsey and Daniel Pimentel have the pleasure to invite you to submit an abstract to the **Special Issue “The Use of Technologies to Enhance Ocean Literacy”** to be published in the International Journal of Environmental Research and Public Health (Impact Factor: 4.6).

Regardless of where we live on earth, we benefit from the ocean on a daily basis. Similarly, everyone on the planet has an impact on the marine environment through the decisions that we make daily. Despite the role that technological advancements have played in the overexploitation and declining health of the ocean, technology may provide a solution by way of increasing ocean literacy, defined as the understanding of the impact one has on the ocean, as well as the impact the ocean has on us [1]. However, research has shown low levels of ocean literacy among the public around the world [2–4].

Digital technologies have the potential to contribute to ocean literacy by enhancing people’s relationship with and understanding of the natural environment by making it psychologically closer to our everyday experience. While there is still little research on the potential of digital technologies for marine education, interest is growing due, in part, to the focus brought to ocean literacy through the United Nations Decade of Ocean Science for Sustainable Development (2021-2030: see oceandecade.org). For instance, Ocean Decade Outcome 7 seeks to create “an inspiring and engaging ocean where society understands and values the ocean in relation to human wellbeing and sustainable development.” This current issue spurs urgent calls for innovative methods that increase and spread global ocean literacy, making this Special Issue very timely.



What types of submissions are being sought?

We seek proposals with varied methodologies that lend insights into the uses and effects of digital technology for advancing dimensions of ocean literacy (learn more about ocean literacy at www.marine-ed.org/ocean-literacy). We welcome abstracts that combine aspects of digital technologies with ocean literacy. Topics can be related, but not limited, to the following: augmented reality, virtual reality, social media, formal or informal education, environmental and social psychology, marine policy and conservation, education technology, gaming, human–computer interaction, marine education, and ocean literacy.

TIMELINE

January 9 to August 31, 2023

Abstract submission open, reviewed on a rolling basis

Note: abstract acceptance does not mean the final paper will be accepted.

December 31, 2023

Deadline for submission of the final manuscript

Within 1 month of abstract submission:
Response from the editors and, if accepted, invitation to submit full manuscript

February 9 to December 31, 2023

Manuscript submission open on a rolling basis

Note: manuscripts submitted without invitation following abstract submission will not be accepted

Accepted papers will be published in the IJERPH Special Issue on a rolling basis

ABSTRACT SUBMISSION INFORMATION

The abstract should be sent to geraldine.fauville@gu.se by **August 31st 2023**. Abstracts should be one paragraph, 200 words maximum. The recommended structure of the abstract, without headings: 1) **Background:** give context and highlight the purpose of the study; 2) **Methods:** describe the main methods 3) **Results:** summarize the main findings; and 4) **Conclusion:** state the main conclusions interpreted from the results. If the study is currently in progress and the main findings are not yet known, that is acceptable, just please state the status in the abstract.

MANUSCRIPT SUBMISSION INFORMATION

After your abstract is accepted, submit your full manuscript online at www.mdpi.com by [registering](#) and [logging in to this website](#). Once you are registered, [click here](#) to go to the submission form. Manuscripts can be submitted until the December 31st 2023 deadline. Manuscripts that are submitted without an accepted abstract will not be considered. Accepted papers following peer-review will be published continuously in the journal (as soon as accepted) and will be listed together on the special issue website. Research articles, review articles, and short communications are invited.

Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere (except conference proceedings papers). All manuscripts are thoroughly refereed through a single-blind peer-review process.

The **Article Processing Charge (APC) for publication in this open access journal is 2500 CHF (Swiss Francs)**.

References

1. Cava, F.; Schoedinger, S.; Strang, C.; Tuddenham, P. Science Content and Standards for Ocean Literacy: A Report on Ocean Literacy. 2005. Available online http://www.coexploration.org/oceanliteracy/documents/OLit200405_Final_Report.pdf (accessed on 12 January 2023)
2. Eddy, T. D. One hundred-fold difference between perceived and actual levels of marine protection in New Zealand. *Policy* 2014, 46, 61–67.
3. Guest, H.; Lotze, H. K.; Wallace, D. Youth and the sea: Ocean literacy in Nova Scotia, Canada. *Policy* 2015, 58, 98–107.
4. Steel, B. S.; Smith, C.; Opsommer, L.; Curiel, S.; Warner-Steel, R. Public ocean literacy in the United States. *Ocean Coast Manag.* 2005, 48, 97–114.

Guest Editors

Dr. Géraldine Fauville, Dr. Erika Woolsey, Dr. Daniel Pimentel

