



The Journal of Ocean Technology
*An open access publication of the Fisheries and Marine Institute
of Memorial University*

Ocean vehicles: data pickers of the ocean

V18N3 fall 2023

Our fall 2023 issue will focus on ocean vehicles with guest editor Bethany Randell from the Centre for Applied Ocean Technology. We invite the submission of technical papers, essays, and short articles for this issue. We'd like to hear about your work with autonomous and remotely operated vehicles in terms of:

- Data collection (i.e., latest and greatest sensors)
- Decision making (i.e., onboard identification, change in missions and courses of action)
- Navigation (i.e., advancements)
- Mission duration (i.e., subsea charging stations, extended use batteries, built-in power generation)
- Security (i.e., clandestine missions, how to avoid detection, data security)
- Costs depending on usage (i.e., citizen science, military use, academic research)
- Fleets and swarms (i.e., current applications, communication)
- Other similar topics

Technical papers describe innovative research and present the results of new (i.e., not previously published) research in ocean technology, and be no more than 7,500 words in length. **Student papers are welcome.**

Essays present well-informed observations and conclusions, and identify key issues for the oceans community in a concise manner. They are written at a level that would be understandable by a non-specialist. As essays are less formal than a technical paper, they do not include abstracts or a listing of references. Typical essay lengths are up to 3,000 words.

Short articles are between 450 and 900 words and focus on how a technology works, evolution or advancement of a technology plus viewpoint/commentary pieces.

All papers, essays, and short articles are published online in open access format – making them accessible to anyone, anywhere in the world.

Important deadlines

Technical paper submissions: May 19, 2023. **This should be the full paper.**

Expressions of interest for essays and short articles: May 19, 2023.

- After May 19, the JOT team will review all submitted expressions of interest (EOI) and prepare a content outline. Should your EOI be accepted, the deadline for submission of materials is July 21.

Format

Expressions of interest for essays and short articles should contain the following information:

- Proposed title of article
- Type of article (essay – up to 3,000 words; or short article – up to 800 words)
- Name(s) and affiliation(s) of author(s)
- Short summary of article (no more than 200 words)

Submit both technical papers and expressions of interest for essays and short articles to:

dawn.roche@mi.mun.ca