

# Ocean Data and Creative Services Manager

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## Position Details

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### Position Information

<b>Position Title</b>	Ocean Data and Creative Services Manager
<b>Department/Unit</b>	Oceanography
<b>Research Project</b>	Ocean Frontier Institute
<b>Location</b>	Halifax
<b>Posting Number</b>	GP54-20
<b>Employee Group</b>	Grant-Paid
<b>Position Type</b>	Term
<b>Duration of Contract (if applicable)</b>	2 years with possibility of renewal
<b>Employment Type</b>	Full Time
<b>Full-time Equivalency (FTE)</b>	1.0
<b>Salary</b>	\$72,000 - \$80,000 (35 hours per week)

### About the Organization

The Ocean Frontier Institute (OFI; <http://oceanfrontierinstitute.com>) is a major global hub for ocean research headquartered at Dalhousie University with partners at ocean research centers around the North Atlantic Ocean. OFI has established a Research Implementation Unit (RIU): a team of highly skilled and specialized technical staff who assist OFI researchers at Dalhousie with field research, data management and analysis, and interaction with key technical personnel from OFI partners.

The RIU supports ocean observation in Atlantic Canada and uses emerging technology to observe, understand and predict physical, biogeochemical and ecological change in the ocean. OFI has strong partnerships with the Marine Environmental Observation Prediction and Response (MEOPAR) Network of Centre of Excellence (<http://meopar.ca>) and the Ocean Tracking Network (<http://oceantrackingnetwork.org>), both hosted at Dalhousie University. OFI cooperates with multiple partners in Atlantic Canada, including founding partners Memorial University of Newfoundland and University of Prince Edward Island, and government partners such as the Bedford Institute of Oceanography.

### Job Summary

Reporting to the Data Team Manager, the Ocean Data and Creative Services Manager will work closely with developers and researchers to maintain and expand data management solutions for the various oceanographic data streams collected on the Atlantic Canadian shelf and slope. These solutions include the automation of data processing, insertion of data into databases, optimizing the data for public access, and distributing the data via program specific web pages or applications. The Ocean Data and Creative Services Manager will continually build upon the CIOOS ecosystem and liaise with multiple stakeholders, ensuring CIOOS continues to increase its capacity to integrate with new data streams.

### Key Responsibilities

- Advise on current international data management standards, tools, and technologies as well as best practices for generating, storing, and serving various data types.

- Assist researchers in designing and implementing data management plans that will meet the needs of the potential users of the data being produced.
- Represent the team at national and international conferences and present at meetings, seminars, and conferences. Provide visual solutions, such as design of print and online publications, display materials, presentations, and graphics; photography, videography and other specialized services.
- Design and develop OFI web sites, including participating in the design, requirements gathering, and implementation of a central visualization page as well as related projects, ensuring project targets are met, while assisting in branding of new OFI initiatives and updating brands of existing initiatives as required.
- Liaise effectively with CIOOS Atlantic, CIOOS Pacific, CIOOS St. Lawrence, OFI researchers and data providers, ensuring that development targets and project timelines are met.
- Contribute to various CIOOS task teams and committees during the design and development of the national portal while representing the unique needs and challenges of CIOOS Atlantic.

**Note**

Evening and weekend work will be required on an infrequent basis to meet operational requirements.

Occasional local, provincial, and/or national travel to attend conferences and events is required.

**Qualifications**

Undergraduate degree in Computer Science, Oceanography, Graphic Design or related field with minimum 5 years of related work experience (or equivalent combination of training and experience) is required. Graduate degree is preferred. Experience in metadata and data quality standards, with understanding of ISO standards (ISO 19115, 19157, and 19103 in particular) is required. Must be familiar with regional and international metadata standards (HNAP, ACDD, EGO, IOOS). Extensive experience in developing and deploying data distribution systems via web applications is essential. Demonstrated expertise in the full web design lifecycle, from creation of wireframes, to iterating on feedback from stakeholders, to producing a complete design with style guide, is required. Demonstrated expertise in a range of creative services. Advanced knowledge of HTML and CSS is required and experience using CSS preprocessors is an asset. Must possess excellent written and verbal English communication skills and have excellent attention to detail. Must have the ability to work independently and as part of a team, with demonstrated leadership experience collaborating with multiple teams and stakeholders to produce timely results that meet all requirements. Experience with modern web frameworks (Angular, Vue, React, etc.) is an asset. Expertise with multiple operating systems preferred.

**Additional Information**

Dalhousie University supports a healthy and balanced lifestyle. Our total compensation package includes a voluntary RRSP, health and dental plans and an employee and family assistance program.

**Application Consideration****Diversity Statement**

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from Indigenous persons, persons with a disability, racially visible persons, women, persons of a minority sexual orientation and/or gender identity, and all candidates who would contribute to the diversity of our community. For more information, please visit [www.dal.ca/hiringfordiversity](http://www.dal.ca/hiringfordiversity).

**Posting Detail Information****Number of Vacancies**

1

**Open Date** 08/21/2020

**Close Date** 08/28/2020

**Open Until Filled** No

**Special Instructions to Applicant**

**Quick Link for Direct Access to Posting** <http://dal.peopleadmin.ca/postings/4196>

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## Documents Needed to Apply

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### Required Documents

1. Résumé / Curriculum Vitae (CV)

### Optional Documents

1. Cover Letter