

Program Manager, Ocean Data Products

The Gulf of Maine Research Institute's (GMRI) mission is to catalyze solutions to the complex challenges of ocean stewardship and economic growth in the Gulf of Maine bioregion through a fusion of science, education, and community. Working collaboratively with the fishing community, environmental community, scientific institutions, and government agencies, GMRI supports the sustainable use of the Gulf of Maine ecosystem and the communities that depend on it. GMRI is housed in our new, state of the art marine research facility on the [Portland, Maine waterfront and downtown district](#). Our organization presently employs 50 people and has an annual operating budget of approximately \$7.5 million. GMRI is a world-class, outcome driven, and entrepreneurial not for profit with a strong sense of social purpose and a pragmatic, sustainable business model.

GMRI recently launched an Ocean Data Products (ODP) division after merging with the [Gulf of Maine Ocean Observing System](#). The ODP is a growing team managing its own projects for research and government stakeholders, and is increasingly integrated with the science, community and educational missions of GMRI. The ODP team is working on the cutting edge of marine science technology development, and is a recognized leader in interoperability and data standards, system integration, and web technology and visualization.

The Program Manager will articulate a vision for the team, develop and maintain client and stakeholder relationships, secure grant funding and fee for service project work, manage the team and project pipeline, and provide technology leadership. This is an exciting opportunity for a self-starting multi-disciplined technology leader to nurture a growing team in a supportive, creative, and fast moving environment.

Major Roles/Responsibilities

The Program Manager is responsible for:

1. Providing strategy and visioning for the ODP team.
2. Serving as Program Manager and facilitating competent execution from a technical team on a variety of simultaneous projects.
3. Providing day to day leadership of the group, which currently includes two software developers, a product developer/project manager, and outside consultants.
4. Securing revenue producing and scientifically and operationally relevant work from clients and stakeholders.
5. Managing consulting and technical vendors.
6. A leadership role in grant compliance on ODP projects in collaboration with the GMRI accounting and administrative team.

Specific day to day responsibilities for the Program Manager include:

1. Business development
 - Taking a visible leadership role in the ocean observing community.
 - Taking a lead role on proposal development.
 - Identifying opportunities for projects/funding (RFPs, collaborations, commercial projects).
 - Building the go to market strategy for the team and thinking through the long-term sustainability of the business model.

- Promoting the team’s abilities and capacity to external stakeholders and potential customers.
2. Program leadership
 - Providing day to day leadership and direction to the ODP team.
 - Developing the team and seeking new talent.
 - Working with the GMRI science, community and education staff to integrate the ODP with GMRI’s core missions.
 - Chart a course through technology choices to unify platforms across client projects.
 3. Project work
 - Preparing/overseeing the annual department and project budgets.
 - Working with team to develop accurate time estimates for projects.
 - Finding programmatic and technology synergies between projects to drive operational efficiencies, timely delivery, and product quality.
 - Project visioning and scoping, including budget, schedule, and technology choices.
 - Program management to ensure on time/budget project execution.
 - Tracking and allocating hours and expenses to grants and other funding sources.

Job requirements:

1. Four-year college degree required, advanced degree preferred.
2. Five-years of experience in informatics are required, and specific experience with marine/ocean observing system informatics is preferred.
3. Very strong written and oral communication skills are required.
4. Experience with public outreach and stakeholder engagement is preferred, as well as negotiation and conflict resolution skills.
5. Background in, and passion for the marine environment is a must.
6. The ability to self start and work independently are required. This position requires the Manager to self select when to seek assistance and collaboration from peers and the senior management team.
7. Demonstrated experience with team leadership is a requirement. Previous management experience of software developers preferred but software development skills are not required.
8. A strong information technology background and sensibility is a requirement. Specifically, the ability to understand technical architectural concepts at a high level, seek and synthesize input from a variety of internal and external sources, and make clear technology decisions are key to this position.
9. Familiarity with cloud computing, geographic information systems, service oriented architecture, web services, content management, and the software development lifecycle process are preferred.
10. Preferable familiarity with technologies and standards, in particular OGC, used in Observing System (e.g. netCDF, SOS, WMS, KML).

Applications:

To ensure full consideration, email letter of interest, curriculum vitae, a writing sample, and the names of five references by October 29, 2010 to jobs@gmri.org with “Ocean Data Products” in the Subject of the email. Incomplete applications will not be considered.

The Gulf of Maine Research Institute is an equal opportunity employer.