

GoMOOS



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*Gulf of Maine
Ocean Observing System*

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Dr. Dennis McGillicuddy
Dept. of Applied Ocean Physics and Engineering
Woods Hole Oceanographic Institution
Woods Hole, MA 02543

Dear Dennis:

On behalf of GoMOOS, I am writing to support the development and implementation of an operational forecast model for toxic algal blooms as proposed by you and your colleagues. The proposed activity could make advanced ocean models accessible to marine resource managers and others who could use the information for practical purposes. These objectives are consistent with the GoMOOS mission, and GoMOOS data could provide a valuable resource for the forecast model. GoMOOS will also promote active dialog with the scientists involved in the project.

As data provider, GoMOOS can support operational forecast models with real-time observations. This data comes free of charge, consistent with the GoMOOS mission. An ongoing dialog with you and your colleagues might lead to improved design of the GoMOOS technical program, which could ultimately improve the data available for forecasting. GoMOOS is developing a relationship with the Regional Association of Researchers in the Gulf of Maine (RARGOM) for this purpose. So you and your colleagues, as members of RARGOM, represent a working group that could help define and solidify that relationship between GoMOOS and the research community.

An interaction between GoMOOS and your group will also benefit model development. GoMOOS is presently supporting a separate predictive data assimilative modeling activity at The University of Maine. The principal investigator for the GoMOOS circulation-modeling project, Dr. Huijie Xue, has implemented an operational forecast version of the Princeton Ocean Model for the Gulf of Maine. She shares many of your objectives, and so each of you should be able to learn and benefit from the others experiences.

We strongly encourage support for the effort and look forward the future interactions.

Sincerely,

Philip Bogden, CEO

Dr. Philip S. Bogden, CEO