

*An Invitation
for Middle School Science Educators*
to apply for an outstanding opportunity to participate in the

**Earth as a System is Essential: Seasons and the Seas
(EaSiE) NOAA Project**

Are you a middle school science teacher looking for ways to bring the dynamic interactions between Earth's land, oceans, and atmosphere into your middle school classroom?

Would you like to work alongside NOAA scientists, educators, and the Maine Mathematics & Science Alliance as we develop and pilot curriculum units that bridge the gap between traditional studies of seasons and weather and the seasonal and climatic changes in the Gulf of Maine using NOAA resources?

If so, we invite you to apply to participate in the Earth as a System is Essential: Seasons and the Seas (EaSiE) Project.

Selected Massachusetts, Maine and New Hampshire middle school teachers will have the opportunity to:

- Work with NOAA partners and attend field trips during Summer Institutes (2008 and 2009).
- Gain further understanding of Earth as a system.
- Learn instructional strategies that support improved student learning in science, particularly Earth system science.
- Assist in the development and integration of new resources into instruction that support the transformation of student thinking about Earth as a system.
- Support learning goals from state science frameworks.

*We are currently recruiting MA, ME, and NH middle school
teachers to participate in the project.*

*Apply now and attend the July 21-25, 2008 Summer Institute
at the University of New Hampshire, Durham
(travel, meal and lodging expenses paid
and \$500 stipend earned)!*

FOR MORE INFORMATION ABOUT THE PROJECT
BENEFITS AND EXPECTATIONS
OR TO OBTAIN A TEACHER APPLICATION
VISIT www.mmsa.org/easie



TEACHER APPLICATION
Earth as a System is Essential: Seasons and the Seas
(EaSiE) NOAA Project

PARTICIPANT INFORMATION:

Name: _____

Position (Grade Level and Subject): _____

School: _____

School Address: _____

City, State, Zip: _____

Home Address: _____

Preferred email: _____

OTHER INFORMATION:

Briefly describe your interest in and the benefit or unique perspective you could offer the EaSiE Project:

The following questions are for informational purposes only, and will not impact your eligibility to participate in the EaSiE project:

How much time do you currently spend teaching the topics of seasons and weather? _____

Number of years teaching experience: _____

SELECTION WILL BE BASED ON THE FOLLOWING:

- Representation of participants from MA, ME, and NH and a variety of middle school grades.
- Participant interest and willingness to take part in the professional development opportunities and project commitments as described in the Teacher Expectations.

TEACHER EXPECTATIONS:

In order to be considered eligible for the EaSiE Project, teachers must agree to participate in the following activities (visit www.mmsa.org/easie "Teacher Benefits and Expectations" for further description of the events):

- **July 21-25, 2008:** Year One Summer Institute (University of New Hampshire, Durham; travel, meal and lodging expenses paid and \$500 stipend earned). First "Seasons and the Seas" 2-week unit drafted.
- **October 2008:** Fall Follow-up Workshop (1 ½ days, date and location TBD; expenses paid). "Seasons and the Seas" unit refined.
- **Fall through Spring 2008-09:** Provide feedback to MMSA staff and NOAA partners as they refine the "Seasons and the Seas" unit using an online discussion forum. Pilot test the two-week instructional unit in your classroom.
- **July 2009:** Year Two Summer Institute (location TBD; travel, meal and lodging expenses paid and \$500 stipend earned). Second "Seasons and the Seas" 2-week unit drafted.
- **October 2009:** Fall Follow-up Workshop (1 day, date and location TBD, expenses paid). Second "Seasons and the Seas" unit refined.
- **Fall through Spring 2009-10:** Second two-week instructional unit refined and piloted, as Fall through Spring 2008-09.
- **Spring 2010:** Sharing Success Conference (1 day).

I have read the Teacher Expectations and agree to the requirements for participating in the EaSiE Project.

Signature: _____

Date: _____

PLEASE RETURN COMPLETED APPLICATIONS TO:

Joyce Tugel
Maine Mathematics and Science Alliance
PO Box 5359
Augusta, Maine 04332 or FAX 207.287.5885

