



## Education Resources Fact Sheet

Dear Educator,

Thank you for your interest in the Seafood Watch® program and educational materials related to sustainable seafood. Education is the key to the future development and management of sustainable fisheries and aquaculture. Below you'll find descriptions of helpful web sites linking you to an array of educational materials so that you can develop an appropriate curriculum for your class.

You can begin by visiting our web site at [www.seafoodwatch.org](http://www.seafoodwatch.org). This site provides downloadable Seafood Watch® pocket guides as well as important information on seafood species, fishery and aquaculture issues, and much more.

Other resources available to you include:

### Curricula, Workshops and Activities

The Seacoast Science Center's online **Flouderin Island** is a web-based curriculum that focuses on aquaculture, fishing and the fishing tradition in the Gulf of Maine. Flouderin Island uses a theme/story-based discovery method. To register (free), visit <http://www.seacoastsciencecenter.org/learning/groups.php>

The Lawrence Hall of Science, University of California-Berkeley Curriculum for Grades 5-8, **Only One Ocean**, is designed to help students understand the environmental importance of the ocean. It's available for purchase on their web site at <http://lhs.berkeley.edu/GEMS/GEMSoocean.html>

The Marine Stewardship Council has created **Fish & Kids**, which provides educational materials and activities for young children, teachers, parents and caterers relating why choosing sustainable seafood is vital for the future of fish, fishing communities and the environment. To explore this program visit <http://www.fishandkids.org/>

### Teachers' Guides

Mote Marine Laboratory's Distance Learning program, **Sea Trek**, offers materials designed for high school students (Grades 9-12) to provide a basic understanding of fish biology, ocean food webs, and fisheries. The material is available in PDF format at [http://www.seatrek.org/pdf/10\\_50714.pdf](http://www.seatrek.org/pdf/10_50714.pdf)

The American Fisheries Society *Guide to Fisheries Education Resources for Grades K-12* includes an online catalog of various programs and educational opportunities. This guide is available for purchase at <http://www.afsbooks.org/x55026xm.html>

The Maine Aquaculture Innovation Center and the Univ. of Maine College of Education have developed a comprehensive guide to aquaculture. It provides information and activities on aquaculture throughout the world, region, and state; water quality testing; and setting up a classroom aquarium, among others. Visit [www.maineaquaculture.org](http://www.maineaquaculture.org) for contact information.

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## Films and Games

Habitat Media has created a wonderful documentary series, **Empty Oceans, Empty Nets**, exploring the immense changes that threaten marine fisheries worldwide. For more information about obtaining a copy go to <http://www.habitatmedia.org>

A good resource for younger children is **Fish Stew**, an interactive game from the World Wildlife Fund at <http://www.biodiversity911.org/FunandGames/funandgames.html#>. The game allows children to interact with “Chef” as they help shop for a sustainable dinner. It contains fun facts about various seafood species and breaks down environmental issues into an easy format for younger learners.

## In-Classroom Resources

The National Geographic Society, in partnership with the National Oceanic and Atmospheric Administration (NOAA), launched the **Sustainable Seas Expeditions** to explore the U.S. National Marine Sanctuaries and promote the need for marine conservation. To learn more, visit <http://sustainableseas.noaa.gov/aboutsse/education/education.html>

Other helpful NOAA web sites include:

NOAA Education Resources site at <http://www.education.noaa.gov/index.html>

NOAA Aquaculture Information Center at <http://www.lib.noaa.gov/docaquak12.html>

NOAA Shark Information Center at <http://www.nmfs.noaa.gov/sharks>

Sea Grant Educational Resources at <http://www.seagrantnews.org/education>

Monterey Bay National Marine Sanctuary provides a variety of curricula and hands-on activities for students. Visit <http://montereybay.noaa.gov/educate/curric.html> to view these resources.

**Monterey Bay National Marine Sanctuary Classroom Activities** for grades K-12 can be accessed by visiting the National Geographic Blue Frontier web page at [http://www.nationalgeographic.com/seas/index.html?classroom:classroom\\_monterey](http://www.nationalgeographic.com/seas/index.html?classroom:classroom_monterey)

The University of Arizona’s **Aquaculture in the Classroom** web site at <http://ag.arizona.edu/azaqua/extension/Classroom/home.htm>

provides an overview of aquaculture operations, understanding water quality and links to other resources.

Educational resources appropriate for all ages across a broad range of oceanographic topics can be found at **Woods Hole Oceanographic Institute’s** web site:

<http://www.whoi.edu/page.do?pid=7800>

**New England Aquarium** offers educational programs including activity and field trip guides, fish fact cards, and other materials, at [http://www.neaq.org/scilearn/ed\\_progs/index\\_pubs.php](http://www.neaq.org/scilearn/ed_progs/index_pubs.php)

## Seafood Industry Resources

**Fishbase**, at <http://www.fishbase.org> is a searchable online database complete with pictures. The site allows you to search for specific fish species by scientific or common names.

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Another excellent source of information is the Food and Agriculture Organization of the United Nations' **FOCUS** website. This contains many pages on fisheries-related topics ranging from nutrition to production and processing; at <http://www.fao.org/focus/e/fisheries/intro.htm>

We hope you'll find these resources helpful as you develop a fisheries or aquaculture curriculum.