In 1966, Congress established the National Sea Grant College Program. The term “Sea Grant” was chosen to emphasize the parallel between this new program focusing on the nation’s marine resources, and the Land Grant program, created more than a century earlier to develop our agricultural resources.

Today, there are 29 Sea Grant programs, one in every coastal state. Each has a common goal: to foster the wise use, conservation, and management of coastal resources through practical research, graduate student education, and public outreach.

The University of Delaware Sea Grant College Program’s outreach team—the Marine Advisory Service (MAS) and Marine Communications—transfers research results to those who can use them, conducts applied research to address coastal problems, and develops educational programs and materials for the public. The MAS consists of specialists in marine resource management, marine recreation and tourism, marine education, seafood technology, and aquaculture.

This brochure has been produced to apprise you of publications available from Delaware Sea Grant. For additional information on related publications, workshops and short courses, or other outreach activities, please contact the following:

University of Delaware
Sea Grant Marine Advisory Service
700 Pilottown Road
Lewes, DE 19958-1298
(302) 645-4346

or

University of Delaware
Marine Communications Office
Newark, DE 19716-3530
(302) 831-8083

For ordering instructions and information, see page 12.
MAS BULLETINS

These four- to eight-page illustrated publications offer in-depth information about popular topics. Single copies of up to five different titles at a time are free. Additional titles or multiple copies of a single title are 50¢ each. The entire series costs $3.50. For large orders, contact Marine Communications at (302) 831-8083.

**The Horseshoe Crab.** Reviews the biology, medical uses, and population trends of this unique seashore animal. Revised 1995.

**Jellyfish—Regular Summer Visitors to Delaware Shores.** Identifies species common to the region, includes life history, migratory patterns, and a discussion of how jellyfish sting. Revised 1987.

**Shark.** Tells why sharks have been such successful predators of the sea and why their populations are now threatened. Describes sharks common to the Mid-Atlantic. Revised 1992.

**Common Seashells of Delaware.** Provides descriptions and photos of seashells common to Delaware’s shores. Revised 1990.

**Coastal Landscaping in Delaware with Common Marsh and Dune Plants.** Introduces more than a dozen marsh and dune plants, describes their use to enhance coastal properties, and provides guidelines for successful planting. 1991.


**The Bottle-Nosed Dolphin: Our Coastal Whale.** Reviews the dolphin’s life history, biology, and communication/echolocation ability. Includes a detailed list of what you should do if you encounter a stranded dolphin. 1989.

**Delaware’s Blue Crab.** Examines the life history and biology of the blue crab. Includes cooking instructions and a glossary of watermen’s crabbing terms. Revised 1984.

**Flounder: The Ocean’s Platter.** Identifies common Delaware species and includes biology, habitat, fishing tips, and photos. Revised 1987.


**The Delaware Bay Oyster and the MSX Problem.** Provides background information on this devastating oyster disease and the steps being taken to prevent future outbreaks. 1981.

**CRITTER MODEL**

This special publication makes learning about marine life more fun! Single copies are $1 each. Discounts for large orders are available to educators. Contact Marine Communications at (302) 831-8083 for more information.

**Horseshoe Crab Model.** A perfect companion to the horseshoe crab bulletin, this detailed, life-sized paper model to cut out and tape together is suitable for fourth graders and up. Includes interesting facts about the horseshoe crab and a crossword puzzle. 1994.
**MAS NOTES**

This series of one- or two-page fact sheets answers frequently asked questions on marine topics. Single copies of up to five different titles at a time are free. Additional titles or multiple copies of a single title are 15¢ each. The entire series costs $1.50. For large orders, contact Marine Communications at (302) 831-8083.

**Marine Recreation**

Safety at the Beach
Beach Safety: Protect Yourself from Lightning
Fisheries Conservation Begins with You:
   Tips on Releasing a Hooked Fish
Guidelines for Spring Boat Refitting
Guidelines for Winter Boat Lay-Up
Recreational Boaters: Beware of Commercial Drift Gill Nets
Recreational Boaters: Take Charge of Your Discharge
Plastic Pollution in the Marine Environment:
   Boaters Can Help Control a Growing Problem

**Seafood**

Seafood Is Good for You
Consumers: Know the Facts about Eating Raw Shellfish
Eating Raw Finfish: What Are the Risks, the Benefits?

**Miscellaneous**

Galvanic Corrosion
Marine Weather Reporting
Marine Careers: The Scientist

**ITQ NEWS**

This publication is the first in a series that will evaluate the Individual Transferable Quota (ITQ) as a fisheries management tool in the United States for the benefit of fishermen, resource managers, decision makers, and other interested readers. Single copies free; multiple copies 15¢ each.

**What Is an ITQ?** Describes problems with traditional fisheries management and introduces an alternative management tool, the ITQ, which grants private citizens exclusive rights to harvest a portion of a fishery. 1994.
SPECIAL PUBLICATIONS

These publications range from books to newsletters to special reports. In your order, please include the Sea Grant publication number beginning “DEL-SG-” where applicable. Prices listed are per copy.


University of Delaware Sea Grant Reporter. (Free subscription) This biannual newsletter reports on the research, education, and advisory service activities of the University of Delaware Sea Grant College Program. Includes listings of new publications, facts on a wide variety of marine topics, and seasonal seafood recipes.


Seascapes II. ($2, DEL-SG-11-83) This booklet contains 18 timeless, readable articles on marine topics, including currents, dunes, Bombay Hook, Assateague ponies, seafood, bay and river pilots, biting flies, sunken treasure, and marine critters. 44 pp. 1983.

Coastal Tourism Development Workshop Summary Proceedings. ($2, DEL-SG-01-89) A workshop was held May 12, 1988, to present results of tourism research to individuals associated with Delaware’s coastal tourism industry. Discussions focused on the implications of such research for recreational resource management and tourism development within the resort community. 18 pp. 1989.

Zebra Mussels

The following special publications are designed to raise awareness of a potential problem facing the state and region through the invasion of this non-native species. Single copies are free; contact Marine Communications at (302) 831-8083 for large orders.


Zebra Mussel Alert Decal. A bright, weather-proof decal for coolers, tackle boxes, or bait buckets that carries reminders of what to look for and how to prevent the pest from spreading. 1994.

Zebra Mussel: Present Threat, Future Danger? (DEL-SG-02-94) A full-color report highlighting the threat the zebra mussel poses to Mid-Atlantic states and Sea Grant’s efforts to prepare the region for a mussel invasion. 12 pp. 1994.

Mid-Atlantic Zebra Mussel Fact Sheet. A bulletin that examines the potential for zebra mussel infestation in the Mid-Atlantic region, from North Carolina to New York. 6 pp. 1993.

Decisions for Delaware

These reports address marine resource problems or opportunities facing the state and region, providing legislators and the people they represent with facts on which to base their decisions. Photocopies only.

OCS Development. ($3, DEL-SG-01-75[1]) Reviews the environmental impact of exploiting oil and natural gas resources on the Atlantic outer continental shelf (OCS). 43 pp. 1975.


Oil Spills. ($3, DEL-SG-13-77) Reviews short- and long-term effects, protection measures, and who takes charge when a spill occurs. 26 pp. 1977.


Inland Bays. ($3, DEL-SG-01-83) Describes environmental problems in Indian River and Rehoboth bays, examines their economic and social impacts, and recommends approaches for management and development. 32 pp. 1983.
Delaware Estuary Situation Reports

This series is devoted to discussion of current issues relevant to conservation, use, and development of Delaware Estuary resources. The reports are geared toward resource managers, decision makers, and the general public.


Fisheries Fluctuations. ($1, DEL-SG-07-86) Why have several Delaware Bay fisheries experienced such dramatic shifts in population? What effects do human activities and climatic factors have on fisheries populations? 10 pp. 1986.

Economic Impacts of the Delaware Estuary. ($1, DEL-SG-02-87) How important is the Delaware Estuary to Delaware's economy and the state's economic development? 12 pp. 1987.


Trace Metals. ($1, DEL-SG-04-94) What are trace metals, where do they come from, and what happens to those that enter the Delaware Estuary? 8 pp. 1994.

TECHNICAL PUBLICATIONS

These reports are the results of applied research by MAS staff. In your order, please include the Sea Grant publication number beginning "DEL-SG:--" where applicable. Prices listed are per copy, photocopies only.


**AUDIOVISUALS**

The University of Delaware Sea Grant College Program has produced the following videotapes and slide/tape presentations. All are available for purchase; the purchase price is listed in parentheses. They may also be rented for a period of seven days for $5. (The renter is responsible for return postage.) A refundable $25 deposit is also required for rental. Please use separate checks for your deposit and rental fee. The deposit check will be held and returned to you upon receipt of the program you rented. In your order, please specify format (VHS, 35-mm slides). For more information, please call the Marine Communications Office at (302) 831-8083.

“Shellfish and Your Microwave—The Perfect Couple.” ($15, VHS and Beta) Introduces viewers to the delicious and convenient alternative of microwave cooking for shellfish. From defrosting shellfish to opening them, the microwave is a handy tool. Length: 22 min.

“Calamari Preparation and Cuisine.” ($15, VHS and Beta) Introduces viewers to squid biology and processing for market. Four recipes are demonstrated: barbecued calamari, calamari salad with champagne dressing, stuffed calamari, and fried calamari rings. Length: 30 min.

“Shark Preparation and Cuisine.” ($15, VHS and Beta) Demonstrates proper handling and cooking of dogfish shark. Recipes include shark nuggets, shark salad, and a shark-and-scallop holiday dish. Length: 15 min.

“MAREP: Mariner Reports.” ($15, VHS and Beta) Describes the mariners’ weather reporting program sponsored by the National Weather Service and the University of Delaware and how boaters can participate in this valuable self-help approach to improving the accuracy of marine weather forecasts. Includes segments for both commercial and recreational boaters with, respectively, lobsterman Ed Davis and America’s Cup sailor Gary Jobson. Length: 25 min.

“Marine Corrosion—The Silent Enemy.” ($15, VHS and Beta; $50, slide/tape) Explains what marine corrosion is and why it occurs, and offers suggestions and techniques for preventing it. Length: 15 min.

“Marine Careers.” ($15, VHS and Beta) Describes career opportunities in marine transportation, technology, recreation and tourism, science, uniformed services, environmental management, and commercial fishing. For grades 7 to adult. Length: 18 min.

“Beach Safety on the Delmarva Peninsula.” ($50, slide/tape) Provides the inexperienced beachgoer with an overview of natural conditions and marine life at the ocean’s edge. Length: 20 min.

“The Blue Crab.” ($15, VHS and Beta; $50, slide/tape) Covers the natural history of the area’s most famous crustacean through simple language, colorful pictures, and cartoons. Targeted for grades 4-8, the package includes a classroom activities booklet to reinforce concepts depicted in the show. Length: 15 min.

“Beachwalk: Exploring the Living Coast.” ($15, VHS and Beta; $50, slide/tape) Introduces young students (K-3) to the marine life easily found while walking on Delaware’s beaches. Length: 15 min.

ORDERING

To obtain any of these publications, please tear off and fill out the order form attached to the back cover of this catalog. (You may want to photocopy the form if you will be ordering more publications than space provided.)

Sea Grant publication numbers, beginning with "DELI-SG-", and prices listed in the body of the catalog. If a charge has been listed for any publications you request, please enclose a check or money order for the total amount made payable to the University of Delaware. Publications or audiovisuals will not be mailed until proper funds are received.

When you request an audiovisual rental, please enclose separate checks for the rental fee and the deposit. The deposit check will be held and returned to you when you return the program.

Single copies of some publications are free. The charge for multiple copies of these publications helps cover our printing and postage expenses. For more information about obtaining large numbers of any publication, contact the Marine Communications Office at (302) 831-8083. Quantity or group discounts may be available.

Please be sure to fill in your name and address on the form, and mail your order to:

University of Delaware
Marine Communications Office
Newark, DE 19716-3530

<table>
<thead>
<tr>
<th>Title</th>
<th>ENTIRE SERIES ($39)</th>
<th>ENTIRE SERIES ($19)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qty.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Price</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>*Up to five different titles free. Additional titles or multiple copies 50c each.</td>
<td>*Up to five different titles free. Additional titles or multiple copies 50c each.</td>
</tr>
</tbody>
</table>