This catalogue lists publications funded by Oregon Sea Grant, a marine research and education program based at Oregon State University. Entries are arranged by subject and listed in chronological order.

Our list of print publications and videos increases during the period between published versions of this directory. For our latest offerings, please check the Sea Grant Web site.

Copies of most of the publications in this directory are kept in the National Sea Grant Library. Should a publication go out of print, a copy of it may be obtained on loan from the National Sea Grant Library, Pell Library Building, University of Rhode Island, Bay Campus, Narragansett, RI 02882. They can also be reached by phone, (401) 874-6114; FAX, (401) 874-6160; or e-mail, jwinn@gosunl.gso.uri.edu. The National Sea Grant Library offers a searchable database of Sea Grant publications on the World Wide Web, at http://nsgd.gso.uri.edu/. Some publications that are not on our Web site might nevertheless be on-line at the National Sea Grant Library site.

Sea Grant Communications
Oregon State University
322 Kerr Administration Bldg.
Corvallis, OR 97331-2131
(541) 737-2716
http://seagrant.orst.edu

This publication was funded by the NOAA Office of Sea Grant and Extramural Programs, U.S. Department of Commerce, under grant number NA76RG0476 (project number M/A-13) and by appropriations made by the Oregon State legislature.

Sea Grant is a unique partnership with public and private sectors, combining research, education, and technology transfer for public service. This national network of universities meets the changing environmental and economic needs of people in our coastal, ocean, and Great Lakes regions.

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ORESU-L-01-002
How to Order a Publication

General Instructions
Most of the publications in this directory can be ordered directly from Oregon Sea Grant by mail, e-mail, phone, or fax.

Mail: Sea Grant Communications
Oregon State University
322 Kerr Administration Bldg
Corvallis, OR 97331-2131

E-mail: sea.grant.communications@orst.edu

Phone: 541-737-2716
800-375-9360

Fax: 541-737-7958

When you order by e-mail, please indicate the name and number of the publication you are ordering, the quantity you want, and the address to which the order should be shipped and invoiced. Provide an e-mail address or telephone number in case we have questions about your order.

Pricing
Most of the publications are available without charge. You may have up to 10 copies of free ORESU publications at no cost; beyond 10 we charge 25¢ a copy.

In many cases when there is a charge for a publication, postage is included. Publications that require postage are indicated in the listing.

An order form is provided at the back of this catalogue. Make checks payable to Oregon State University.

Publications from Other Sources
Some of our publications are handled by other offices. These exceptions are noted in individual listings, with instructions for ordering.

The largest number of publications handled by another office are those with EC, EM, Manual, PNW, and SG numbers. You can order these items from Publication Orders, Extension and Experiment Station Communications, Oregon State University, 422 Kerr Administration Bldg, Corvallis, OR 97331-2119. Make checks payable to Oregon State University. For those publications that don’t have a price listed, you may order up to six at no cost. Please include 25¢ for each one beyond six.

Internet Access
A frequently updated version of this directory, not including journal reprints, is also available on the World Wide Web at http://seagrant.orst.edu/sgpubs.html. This site includes links to on-line editions of Sea Grant publications, where available.

Oregon is renowned not only for the natural beauty of its coastline but also for its enlightened tradition of publicly owned and protected beaches. The *Oregon Coastal Access Guide*, copublished by Oregon Sea Grant and Oregon State University Press, is essential for anyone exploring the nearly four hundred miles of coastline that lie between the Columbia River and the California border. A complete and illustrated guide to the coast, the *Access Guide* offers a north-to-south tour of Oregon’s Pacific edge, with extensive mile-by-mile coverage of scenic U.S. Highway 101. It provides a convenient and reliable reference on where to go, how to get there, and what to expect.


**Marine Mammals on the Beach**

This full-color brochure, printed on waterproof material, gives a brief guide to the marine mammals found in the eastern North Pacific Ocean, but its main purpose is to tell the reader when and how to respond to beach strandings of the animals. A clear list of do’s and don’t’s is accompanied by phone numbers of specialists who can help—members of the marine mammal stranding network in Oregon, northern California, Washington, British Columbia, and Alaska. This information makes the brochure appropriate not only for individuals but also for institutions and coastal businesses to acquire for clientele who may come in contact with beached marine mammals.


**Marine Mammals of the Eastern North Pacific**

This handy and informative field guide covers large and small cetaceans, sea otters, and pinnipeds and is handsomely and accurately illustrated by Pieter Folkens. Not only the species but their behaviors are illustrated; photographs show spy hopping, breaching, and other “common visible behaviors.” The four-color brochure is a double gatefold—two opening internal panels. It’s also waterproof, printed with indelible ink on a smudge- and tear-proof plastic stock. For many users, the conciseness, portability, and durability of this brochure may make it the ideal field tool.

Low Power AM Radio: An Affordable and Automated Broadcast Tool

Low power AM radio (LPR) is an inexpensive, automated, and highly effective way to reach target audiences. Broadcasts, which can be recorded on-site or remotely by phone, range from ½ mile to 15 square miles, depending on signal strength and terrain. Unlike print media, the LPR message can be changed frequently, and LPR is easy to use and reliable. As a result, governmental agencies, small enterprises, and chambers of commerce are successfully using this communication tool to connect to their target audiences. This video and booklet explain how to set up LPR and offer local examples of its use nationwide.


A Mandate to Engage Coastal Users:
A Review of the National Sea Grant College Extension Program and a Call for Greater National Commitment to Engagement

In February 2000, the director of the National Sea Grant College Program appointed a panel to review and evaluate the Sea Grant Extension Program (SGEP) and to provide recommendations to improve the organization, administration, and management of SGEP, the National Sea Grant Office, and its university partners within the National Oceanic and Atmospheric Administration. The eight-member National Sea Grant Extension Review Panel made 20 recommendations, ranging from organizational (creation of a new Office of Outreach, Education, and Public Engagement) to professional development (requiring graduate degrees of all new extension specialist hires).


Rip Currents: Don’t Panic

In a few, clear words, this 9-inch by 12-inch, two-color trifold explains what a rip current is, lists the ways in which you can spot a rip current, and tells you how to escape from one. Simple, helpful illustrations accompany each section. Published by North Carolina Sea Grant.

2000. UNC-SG-00-01. (A publication by North Carolina Sea Grant.)
Understanding and Controlling Histamine Formation in Troll-Caught Albacore Tuna: A Review and Update of Preliminary Findings from the 1994 Season

Fishers of albacore tuna need to be aware of problems related to product safety. Improper handling of albacore can cause the fish to produce histamines, and this in turn may cause consumers to fall ill with histamine poisoning. As a response to this problem, Oregon State University researchers began to investigate onboard procedures that chill, rather than freeze, the fish. During the 1994 fishing season, they collected preliminary data by talking to fishers, observing handling practices onboard fishing vessels, monitoring time and temperatures of chilling fish, and collecting samples for histamine analysis. This revision of the 1994 study includes a discussion of the U.S. Food and Drug Administration regulations requiring that acceptable hazard analysis critical control point programs be put in place by 1997.


You Ought to Tell Somebody! Dealing with Aquatic Invasive Species (video)

Biological invasions are becoming a serious problem worldwide. Aquatic invasive species can be stopped, but only through early detection and a quick response. This educational video gives an overview of the problem and provides identification and natural history information about one significant Northwest threat, the Chinese mitten crab. You Ought to Tell Somebody! Dealing with Aquatic Invasive Species is a must-see for aquatic monitoring staff and volunteers, field educators, aquaculture operators, and others who spend time in lakes, rivers, and estuaries.

2001. VHS video, 23 minutes; color. $18.95 plus $3.50 postage. ORESU-V-01-002.

Sustaining Groundfish through Seafloor Science (video)

Shows research cruise in 1998 to better identify important groundfish habitat on the continental shelf off Oregon.

1999. VHS video, 9 minutes. color. Purchase $10; rental $5. ORESU-V-99-003.
Oregon’s Tasty Mussels

Mussels are found in all the oceans of the world and have been a favorite seafood of many people for centuries. This eight-panel flier offers tasty recipes from the Maine Department of Marine Resources as well as information on harvesting wild mussels, harvest regulations, food safety, and public health advisories. The flier tells you how to steam, bake, and fry mussels and includes recipes for BBQ Mussels, Crunchy Vegetable and Mussel Salad, Mussels in Wine, Mussels with Linguini, Maine Mussel Chowder, Mussel Broth, Mussel Bisque, and Mussels in Herb Butter.

2001. 2-page foldout. 25¢ ORESU-G-00-002.

Roll on Columbia: Woody Guthrie & the Bonneville Power Administration (video)

In early May 1941, an unemployed Woody Guthrie and his wife, Mary, packed their three children into a battered Pontiac and left southern California for Portland, Oregon. All he had waiting for him in the Northwest was the vague possibility of writing songs for a documentary film about the dams being built on the Columbia River. When Guthrie arrived with his guitar and family, the Bonneville Power Administration (BPA) took pity and gave him a 30-day contract as a temporary employee. Guthrie was expected to write a song a day—which he nearly did, producing 26 songs in 30 days, including American folk classics “Roll on Columbia,” “Jackhammer Blues,” “Pastures of Plenty,” and “Grand Coulee Dam.”

M. Majdic and D. Matthews. 2001. VHS video, 57 minutes; color. Purchase $25 plus $3.50 postage; rental $5. SG Comm-01-001. Produced by the University of Oregon’s Knight Library Media Services and the School of Journalism and Communications.

Improving Energy Use and Productivity in West Coast and Alaskan Seafood Processing Plants

In the summer of 1999, a team of engineering faculty and students from Oregon State University performed assessments at 10 seafood processors in Alaska, Oregon, and Washington. Goals were to increase energy efficiency, reduce waste, and improve productivity. This report is a summary of recommendations and common issues found in these plants. The assessment team identified annual savings of approximately $4.4 million in the areas of energy, waste, and productivity. Details of these recommendations and common issues are included in the report.


The first edition of *Fisheries Management for Fishermen*, published in 1994, was an effort to unlock the mysteries of fisheries management in light of the numerous changes in the late 1980s and early 1990s. In 1996, fisheries management underwent another significant change with the passage of the Sustainable Fisheries Act. The new act added three new national standards, amended bycatch provisions, and shifted attention from fisheries harvest to fisheries habitat with the inclusion of essential fish habitat provisions. The regulations and methods of fishery management have evolved in response to the 1996 amendments. Part one of *Understanding Fisheries Management* covers the biological basis for fisheries management. Part two deals in detail with how the eight regional fishery management councils work and how members of the fishing community can become involved.

R. K. Wallace and K. M. Fletcher. 2000. 53 pp. $2.50 plus $2.50 postage. MASGP-00-005. (A publication by Mississippi-Alabama Sea Grant.)

Oregon [Aquatic Nuisance Species Report]

The approach of aquatic nuisance species (ANS) has been identified as one of the most severe environmental threats facing the marine waters of the Pacific Northwest. The growing diversity and continuing arrival of new ANS in West Coast estuaries are indications that these ecosystems are highly vulnerable to invasion. The ecological and economic impacts have been significant. Of most concern are the more recently established ANS, the European green crab (*Carcinus maenas*), the Chinese mitten crab (*Eriocheir sinensis*), and the New Zealand mud snail (*Potamopyrgus antipodarum*). Oregon Sea Grant supports a project studying the distribution and abundance of nonindigenous and native aquatic species in San Francisco Bay and Pacific Northwest estuaries. In addition, Oregon and Washington Sea Grant have developed the Pacific Northwest Marine Invasive Species Team, whose role, among other things, is to coordinate information sharing among groups at all levels of involvement and focus research and outreach in the areas of greatest need.

Information about Sea Grant

A Mandate to Engage Coastal Users: A Review of the National Sea Grant College Extension Program and a Call for Greater National Commitment to Engagement. 2001. 46 pp. ORESU-Q-01-001. Also available on-line. URL: http://seagrant.orst.edu/sgpubs/onlinepubs.html


This is Oregon Sea Grant. 2000. ORESU-A-00-001.


The Coastal Zone


To obtain a copy, contact
Joy Burck
COAS
Oregon State University
104 Ocean Admin
Corvallis, OR 97331-5503
(541) 737-0942

Oceans: Into the Next Millennium of Oceanographic Research. 1998. 21 pp. SG Comm-98-001. (A publication by the National Oceanic and Atmospheric Administration.)


Commercial Fishing


To obtain set, send check to
Nature of the Northwest
800 NE Oregon St #5, Suite 177
Portland, OR 97232
(503) 872-2750


Commercial Preparation of Seafood


Economics


Educational Materials


The above publication has an accompanying video (ORESU-V-01-001). For postage purposes the booklet and video set is considered one item. Both the booklet and video are priced as follows:
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Beach Balls. V. Osis. 2000 rev. ORESU-G-00-003.

Marine Science Careers: A Sea Grant Guide to Ocean Opportunities. 2000 rev. 33 pp. NHU-E-00-001 and WHOI-E-00-001. (A publication by the Maine/New Hampshire Sea Grant Program and the Woods Hole Oceanographic Institution Sea Grant Program.)

Salmon Fact Sheets

The following four fact sheets are free but postage is required, as shown below:

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They are also available on-line. URL: http://seagrant.orst.edu/sgpubs/onlinepubs.html


To obtain a copy, contact
Sea Grant Education Program
Hatfield Marine Science Center
2030 SE Marine Science Drive
Newport, OR 97365

(541) 867-0159

Marine Education: A Bibliography of Educational Materials Available from the Nation's Sea Grant Programs. 1998. 68 pp. $2. TAMU-SG-98-401. (A publication by Texas Sea Grant.)

The Tidepools Are Alive: Oregon's Rocky Intertidal Areas. 1997. Poster/Flier. (A publication by the Oregon Department of Fish and Wildlife.)


The following five South Slough publications must be ordered from
Friends of South Slough
Mail Order Services
P.O. Box 5446
Charleston, OR 97420
(1) 888-5558

Make check payable to: Friends of South Slough. Postage rates for the South Slough materials are as follows (call for postage rates when ordering ten or more of a single title):

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The Lore of South Slough. Level III. Grades 7–8. 1981. 76
Fishing Families and Communities


The following six publications, produced by the Oregon State University Extension Service, were designed as a set. They may be ordered separately or as a set ($12 per set).


Guides to Marine Resources and Recreation


Marine Mammals on the Beach. S. Nieuwirk, B. Lagerquist, P. Folkens, and B. Mate. 2000. $2. ORESU-H-00-001.

Rip Currents: Don't Panic. 2000. UNC-SG-00-01. (A publication by North Carolina Sea Grant.)

Understanding Tides. E. Williamson. 2000 rev. 20 pp. $1 plus 75¢ postage. ORESU-G-00-001.


The above publication is free but postage is required, as shown below:

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Marine Recreational Fishing in Oregon

The following three publications were produced by the Oregon Department of Fish and Wildlife. They may be ordered separately or as a set.


Marine Recreational Fishing in Oregon. Central: Cascade...
**Head to Florence.** 1999. Two-color flier, 16 x 21 inches, full area maps. SG Comm-99-003.


The above publication, produced by Alaska Sea Grant and U.S. Marine Safety Association, is priced as follows:

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**Ballenas Grises.** B. R. Mate and D. M. Palacios (translation). 1996. 2 pp. This is a Spanish translation of *Gray Whales* listed below. ORESU-G-96-008.


**Choosing and Buying Residential Property in the Coastal Zone.** V. Osis and B. Hastic. 1993. 6 pp. $1. SG 85.


**Lightning and Boats.** 1989. 9 pp. $1. MICHU-SG-89-700. (A publication by Michigan Sea Grant.)

**Enjoy the Beaches in Safety.** 1988 rev. 8 pp. SG 51.


### **Home Preparation of Seafood**

**Oregon's Tasty Mussels.** 2001. 2-page foldout. 25¢ ORESU-G-00-002.

**Home Freezing of Seafood.** K. S. Hilderbrand, Jr. 1999 rev. 4 pp. $1. EC 1363.

**Pacific Albacore: The Whole Fish Story.** 2-page foldout. SG Comm-99-001. Produced by the California Seafood Council.

**Catching, Cleaning, and Cooking Bay Crabs.** 1998 rev. 4 pp. ORESU-G-98-005.


**Handling Sportcaught Fish.** M. Braker. 1992. 2 pp. EC 1414.

**Smoking Fish at Home—Safely.** K. S. Hilderbrand, Jr. 1991 rev. 8 pp. $1. PNW 238. Also available on-line. URL: http:// eesc.orst.edu/agcomwebfile/edmat/PNW238.pdf


**Fish Pickling for Home Use.** K. S. Hilderbrand, Jr. 1978. 6 pp. PNW 183.

### **Marine Economics**


To obtain a copy, contact Washington Sea Grant Publications
3716 Brooklyn Ave NE


Marine Science


To obtain a copy, contact
Oregon State University Press
101 Waldo Hall
Corvallis, OR 97331-6407
(541) 737-3166

Social Sciences


To obtain a copy, contact
University of Arizona Press

355 S Euclid Ave #103
Tucson, AZ 85719
(800) 426-3797


Videos

We offer our videos for sale and rental for noncommercial use only. For other uses or other video formats, contact Sea Grant Communications.

Cultural History

Roll on Columbia: Woody Guthrie & the Bonneville Power Administration. M. Majdic and D. Matthews. 2001. 57 minutes; color. VHS video purchase $25 plus $3.50 postage; rental $5. SG Comm-01-001. Produced by the University of Oregon’s Knight Library Media Services and the School of Journalism and Communications.

A documentary about Woody Guthrie and the composition of his celebrated 1940s folk songs about the Columbia River.

Echo of Water Against Rocks: Remembering Celilo Falls. I. McCluskey and S. Mital. 2000. 13 minutes; color. VHS video purchase $10 plus $3 postage; rental $5. ORESU-V-00-004.

Celilo Falls, the greatest Indian fishing site on the Columbia River, was drowned when the Dalles Dam was placed in service in 1957. This video, produced by University of Oregon graduate students, examines the cultural and historical significance of Celilo.


Title question is answered by six diverse Oregonians committed to salmon restoration.

Perspective on the special nature of the fishing life as lived by four Oregon women.

Work is Our Joy: The Story of the Columbia River Gillnetter, I. Martin, with H. Kytr and L. Johnson. 1989. 32 minutes; color. VHS video purchase $25; rental $5. Authentic oral histories with veteran fishers; videotape skillfully composed from original slides and tapes.

Hydro: The Story of Columbia River Power, Bonneville Power Administration. 1940. 34 minutes; black and white. VHS video purchase $20; rental $5. ORESU-V-98-003. A historic film advocating public hydroelectric power and taking an optimistic view of the consequences for salmon.

Educational Materials

Making Waves with Low Power AM Radio: The Affordable Broadcast Tool. 2001. ORESU-V-01-001. This video shows how organizations are using this innovative technology to reach location visitors.

The above video has an accompanying booklet (ORESU-F-01-001). For postage purposes the video and booklet set is considered one item. Both the video and booklet are priced as follows:

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Nature and the Environment

You Ought to Tell Somebody! Dealing with Aquatic Invasive Species. 2001. 23 minutes; color. ORESU-V-01-002. An overview of this emerging Northwest problem, featuring the Chinese mitten crab.

The above video is priced as follows:

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Life Cycle of the Salmon. 1999. 5 minutes; color. VHS video purchase $10 plus $3.50 postage; rental $5. ORESU-V-99-002. A brief presentation of the dramatic life story from the salmon's underwater perspective.

Oregon’s Rocky Intertidal. 1996. 12 minutes. VHS video purchase $15 plus postage ($3 for the first video and $1.50 for each additional video). Highlights tide pools; intended for use before a field trip.

To obtain a copy, contact Sea Grant Education Program Hatfield Marine Science Center 2030 SE Marine Science Drive Newport, OR 97365 (541) 867-0159

Restoring Salmon and Watersheds: An Introduction. J. Cone. 1995. 8 minutes; color. Short introduction to ORESU-V-95-001 listed below. VHS video purchase $12; rental $5. ORESU-V-95-002. Interview clips are intended to stimulate group discussion; suitable for high school and watershed groups.

The Return of the Salmon: Restoring the Fish to Rivers and Watersheds. J. Cone. 1995. 33 minutes; color. VHS video purchase $25; rental $5. ORESU-V-95-001. Informative overview of causes of salmon decline, importance of watersheds in restoration, and actions of watershed groups.

Oregon’s Ocean. J. R. Larison and J. Cone. 1991. 30 minutes; color. VHS video purchase $20; rental $5. ORESU-V-91-001. A tour from the beach to the deep ocean; includes rare underwater footage.

Estuary: Columbia’s Link with the Sea, J. R. Larison and E. Chaney. 1982. 28 minutes; color. VHS video purchase $20; rental $5. ORESU-FILM-82-001. Still relevant perspective on the Columbia River, highlighting the estuary’s nature and uses.

Science

Sustaining Groundfish through Seafloor Science. 1999. 9 minutes, color. VHS video purchase $10; rental $5. ORESU-V-99-003. Shows research cruise in 1998 to better identify important groundfish habitat on the continental shelf off Oregon.

Exploring Seafloor Hot Springs on the Juan de Fuca Ridge, J. Cone. 1988. 10 minutes; color. VHS video purchase $12;
rental $5. ORESU-FILM-88-001.

Introduction to exotic seafloor environments, unique for their geology and biology.


Produced for NOVA, an optimistic view of aquaculture worldwide.


Half-length version of the NOVA program contains much of the information.

Gray Whale. J. R. Larison. 1981. 8 minutes, color. VHS video purchase $12; rental $5. ORESU-FILM-81-001.

Research video reports on early methods for tracking whales.

Lecture and Seminar Videos

From Science to Public Action: The Oregon Approach to Environmental Problems. 2000. 6 minutes; color. VHS video purchase $10 plus $3.50 postage; rental $5. ORESU-V-00-001.

Governor Kitzhaber’s thoughts on salmon and watershed restoration and his policies affecting them.

Salmon Life History in Freshwater. 2000. 16 minutes; color. VHS video purchase $10 plus $3.50 postage; rental $5. ORESU-V-00-003.

An informal lecture by Gordon Reeves, fish biologist and former president of the American Fisheries Society, Oregon Chapter. This video is an educational project of Oregon Sea Grant in cooperation with the USDA Forest Service, Pacific Northwest Research Station.

The following four videotaped seminars include prominent fisheries specialists discussing topics of interest to the commercial fishing industry and responding to questions from seminar attendees. The sessions were taped at OSU’s Hatfield Marine Science Center.

Getting More with Less: Adding Value to Your Catch: A Seminar with Michael Morrissey. 1998. 2 hours; color. VHS video purchase $12; rental $5. ORESU-V-98-004.


Aquaculture


The Coastal Zone


Commercial Fishing


Commercial Preparation of Seafood


Economics


Fish and Shellfish Diseases


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