

Oregon Sea Grant
**PUBLICATIONS
AND VIDEOS**



2002


Sea Grant
Oregon

ORESU-L-01-002

CONTENTS

New Titles	2
Publications	7
Information about Sea Grant	7
The Coastal Zone	7
Commercial Fishing	7
Commercial Preparation of Seafood	8
Ecology	8
Economics	8
Educational Materials	8
Fishing Families and Communities	10
Guides to Marine Resources and Recreation	10
Home Preparation of Seafood	11
Marine Economics	11
Marine Science	12
Social Sciences	12
Newsletters	12
Videos	12
Cultural History	12
Nature and the Environment	13
Science	13
Lecture and Seminar Videos	14
Journal Reprints	14
Aquaculture	14
The Coastal Zone	14
Commercial Fishing	15
Commercial Preparation of Seafood	15
Economics	15
Fish and Shellfish Diseases	16
Marine Biology and Ecology	17
Marine Pharmaceuticals	18
Marine Anthropology	20
Ocean Engineering	20
Ocean Law	20
Seafood Science	20
Order Form	23

INTRODUCTION

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@gsosunl.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

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This publication was funded by the NOAA Office of Sea Grant and Extramural Programs, U.S. Department of Commerce, under grant number NA76RGO476 (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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ORES-U-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.

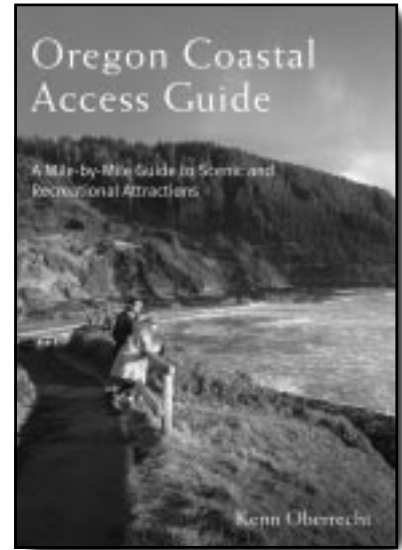
Internet Access

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

Oregon Coastal Access Guide: A Mile-by-Mile Guide to Scenic and Recreational Attractions

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.

K. Oberrecht. 2001. 356 pages. \$17.95 plus \$4 postage. ORESU-H-01-002.



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.

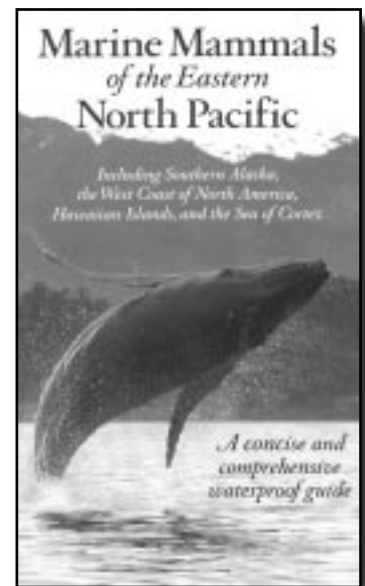
S. Niekirk, B. Lagerquist, P. Folkens, and B. Mate. 2000. \$2. ORESU-H-00-001. Copyright 2000 by A Higher Porpoise Design Group.



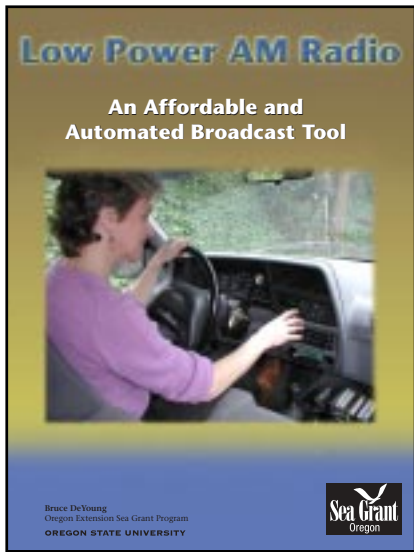
Marine Mammals of the Eastern North Pacific

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.

P. Folkens, B. Mate, and B. Lagerquist. 1999. \$8. ORESU-H-99-004. Copyright 2000 by A Higher Porpoise Design Group.



NEW TITLES



Low Power AM Radio: An Affordable and Automated Broadcast Tool

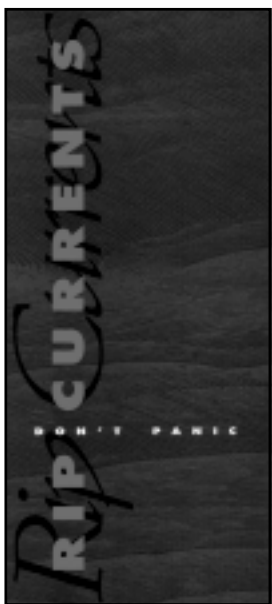
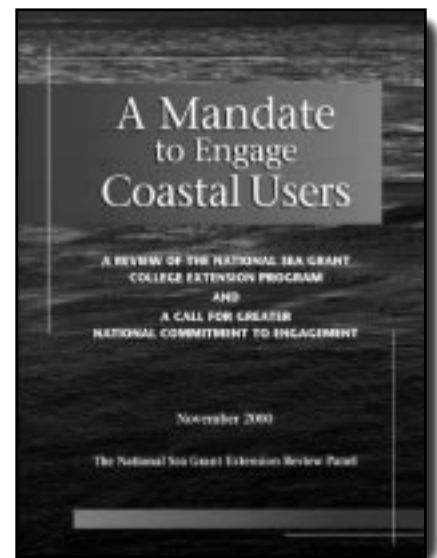
Low power AM radio (LPR) is an inexpensive, automated, and highly effective way to reach target audiences. Broadcasts, which can be recorded on-site or remotely by phone, range from 1/2 mile to 15 square miles, depending on signal strength and terrain. Unlike print media, the LPR message can be changed 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.

2001. Booklet: \$5.95 plus \$3.50 postage; video: \$18.95 plus \$3.50 postage; booklet and video: \$23.95 plus \$3.50 postage. Booklet: ORESU-F-01-001; video: VORESU-V-01-001.

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).

2001. ORESU-Q-01-001.



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.

C. Craven, K. Hilderbrand, E. Kolbe, G. Sylvia, M. Daeschel, B. Gloria, and H. An. 2001. 4 pp. ORESU-T-01-001.

Understanding and Controlling Histamine Formation in Troll-Caught Albacore Tuna: A Review and Update of Preliminary Findings from the 1994 Season

Corinne Craven, Ken Hilderbrand, Ed Kolbe, Grl Sylvia, Mark Daeschel, Beatrix Gloria, and Hiepung An

Introduction

The collapse of the Pacific Northwest salmon fishery is causing fishermen to turn increasingly to the albacore tuna fishery as an alternative source of income. However, fishermen need to be aware of problems related to product safety: improper handling of albacore can cause the fish to produce histamines, and this may cause consumers to fall ill with histamine poisoning.

The U.S. Food and Drug Administration implemented regulations that required acceptable HACCP (Hazard Analysis Critical Control Point) programs to be in place by 1997. The control plans for albacore tuna focus on the formation of histamine, a toxin that can be considered to be highly chilling and making the fish at a low temperature. The FDA maximum level for histamine is 1 mg/kg in green, and any fish containing histamine above this level have to be discarded and destroyed. The regulations specify control measures to either decrease cooking procedures (which each harvest vessel, measure histamine levels in fish off-board in the dock, or take other steps to ensure that the histamine level of the raw fish does not exceed the standard.

Measuring histamine involves time-consuming and expensive laboratory procedures that might cause processors to avoid purchasing and producing albacore. For this reason, in 1994 we decided to focus on histamine control measures on fishing vessels. As a first step, the FDA recommended that histamine be chilled as 40 °F "as rapidly as possible." Our goal was to establish optimal chilling procedures by gaining more about the relationship between internal fish temperatures and the way those fish are chilled (and stored onboard).

The scarcity of data on the formation and control of histamine prompted efforts to investigate onboard procedures that chill, rather than freeze, the fish. During the 1994 fishing season, Oregon State University initiated efforts to collect preliminary data by talking to fishermen, observing handling practices onboard fishing vessels, monitoring time and temperatures of chilling fish, and collecting samples for histamine analysis. The following is an account of the work

that was accomplished during the 1994 season, with the cooperation of those fishermen operating out of Newport, Oregon, including those places 100 miles or more offshore, and operations were between two and eight days.

Temperature Measurement Instruments

Temperatures were recorded using a Ryan film logger model 8170000 (Ryan Instruments), a Supco Data logger model CR-87 series (Calad Line, Fort Collins, CO), and a manual read handheld thermometer by Dayton. The RTM3000 was equipped with three thermocouple sensing probes, each 7 feet in diameter and situated at the top of the cable. The CR-87 data logger had one thermocouple distributed sensing probe, which was 19 cm long and had a diameter of 1 mm. The Dayton thermometer, which did not meet the two-probe criteria that were 1 mm in diameter. The Ryan film logger and film reader configurations, whereas the Supco and Dayton had a palm-top configuration only.

Procedures

Temperature control probes were inserted in various areas of randomly sampled fish (Figure 1) to

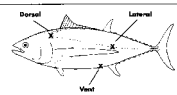


Figure 1. Different locations of three probes to determine the area with the highest temperature. Probe labels "dorsal" and "lateral" were oriented vertically, "vent" means the probe labels "vent" orientate horizontally. The temperature of the probe is displayed on the film and film reader. Chilling fish, and collecting samples for histamine analysis. The following is an account of the work

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ORSU-T-01-001



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.

NEW TITLES



Oregon's Tasty Mussels

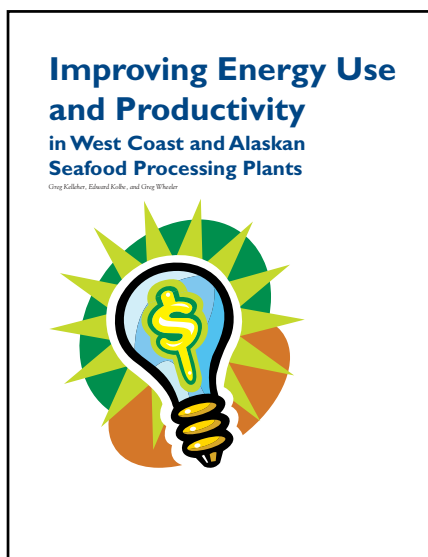
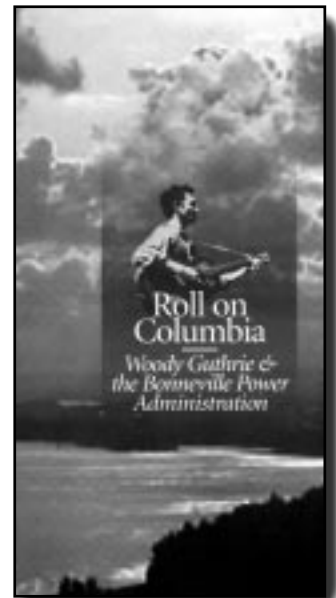
Mussels are found in all the oceans of the world and have been a favorite seafood of many people for centuries. This eight-panel flier offers tasty recipes from the Maine Department of Marine Resources as well as information on harvesting wild mussels, harvest regulations, food safety, and public health 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

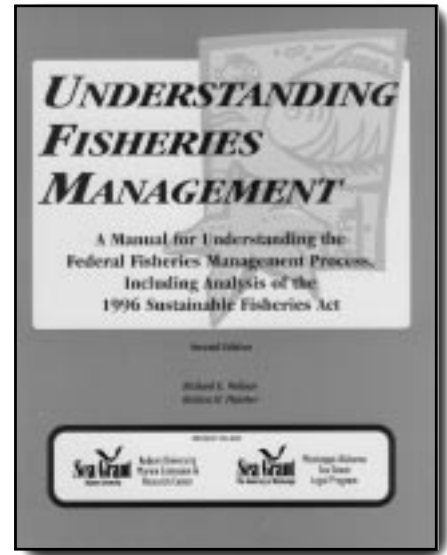
In the summer of 1999, a team of engineering faculty and students from Oregon State University performed assessments at 10 seafood processors in Alaska, Oregon, and Washington. Goals were to increase energy efficiency, reduce waste, and improve productivity. This report is a summary of recommendations 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.

G. Kelleher, E. Kolbe, and G. Wheeler. 2001. ORESU-T-01-004.

NEW TITLES

Understanding Fisheries Management: A Manual for Understanding the Federal Fisheries Management Process, Including Analysis of the 1996 Sustainable Fisheries Act (Second Edition)

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.

2000. Aquatic Nuisance Species Report: An Update on Sea Grant Research and Outreach Projects 2000 209-212. ORESU-R-00-025.

PUBLICATIONS

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>

Oregon Sea Grant Publications & Videos 2002. 2001. ORESU-L-01-002.

Oregon Sea Grant Program Guide 2000–2004. 2000. ORESU-Q-00-001.

Strategic Plan, 1998–2003. 2000. ORESU-Q-00-002.

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

Making a Difference: The Development of Oregon Sea Grant's Management Information and Accountability System. S. Lynds, J. Auyong, J. Gilden, and J. Cone. 1999. ORESU-W-99-001.

Extension Sea Grant at Oregon State University. T. H. Gentle. 1989. Foldout. EM 8417.

The Coastal Zone

National Coastal Zone Management Effectiveness Study: Protecting Estuaries and Coastal Wetlands. J. W. Good, J. W. Weber, J. W. Charland, J. V. Olson, and K. A. Chapin. 1998. 190 pp. \$20. PI-98-001.

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.)

Recommendations for a Nonregulatory Wetland Restoration Program for Oregon. J. W. Good and C. B. Sawyer. 1998. 108 pp. \$7 plus \$3 postage. ORESU-O-98-001.

El Niño. L. Lubomudrov. 1997. 8 pp. 50¢. ORESU-G-97-008. Also available on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Beach-Shoreline Database, Pacific Northwest Region, USA. C. D. Peterson, et al. 1994. 29 pp., with accompanying data disk. \$12 for set plus \$3 postage. Specify PC or Apple disk. Open File Report O-94-2.

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

Improving Natural Hazards Management on the Oregon Coast: Recommendations of the Coastal Natural Hazards Policy Working Group. 1994. 128 pp. \$12. ORESU-T-94-002.

Coastal Natural Hazards: Science, Engineering, and Public Policy. J. W. Good and S. S. Ridlington (eds.). 1992. 162 pp. \$15. ORESU-B-92-001.

Waterfront Revitalization for Small Cities. J. W. Good and R. F. Goodwin. 1990. 124 pp. \$16. EM 8414.

The Port of Beaver: A Case Study of Port Management. F. J. Smith, T. Dowd, and R. Rombalski. 1988 rev. 20 pp. \$2.50. EM 8278.

Commercial Fishing

Understanding and Controlling Histamine Formation in Troll-Caught Albacore Tuna: A Review and Update of Preliminary Findings from the 1994 Season. C. Craven, K. Hilderbrand, E. Kolbe, G. Sylvia, M. Daeschel, B. Gloria, and H. An. 2001. 4 pp. ORESU-T-01-001. Also available on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Understanding Fisheries Management: A Manual for Understanding the Federal Fisheries Management Process, Including Analysis of the 1996 Sustainable Fisheries Act (Second Edition). 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.)

Fisherman to Consumer Marketing: State and Local Regulations in Oregon. G. Goblirsch and K. Hilderbrand. 1999 rev. 2 pp. ORESU-G-99-009. Also available on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Survey of Gillnetters in Oregon and Washington: Summary of Results. J. Gilden and C. Smith. 1996. ORESU-S-96-001. Also available on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Survey of Oregon Troll Permit Owners: Summary of Results. J. Gilden and C. Smith. 1996. 16 pp. ORESU-T-96-002. Also available on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

TITLES IN PRINT

Pacific Whiting: Harvesting, Processing, Marketing, and Quality Assurance. G. Sylvia and M. T. Morrissey. 1992. March 30–31, 1992. Newport, Oregon. \$10. ORESU-W-92-001.

Net Mending and Patching. 1989 rev. 16 pp. \$3. SG 83.

Sharks: An Inquiry into Biology, Behavior, Fisheries, and Use. Proceedings of the Conference. Portland, Oregon, October 13–15, 1985. S. Cook (ed.). 1987. 237 pp. \$10. EM 8330.

Salmon Fishers of the Columbia. C. L. Smith. 1979. 128 pp. \$21.95 plus postage (\$3 first book, \$1 each additional book).

To obtain a copy, contact
University of Arizona Press
355 S Euclid Ave #103
Tucson, AZ 85719
(800) 426-3797

Commercial Preparation of Seafood

Fish Smoking Procedures for Forced Convection Smokehouses. K. Hilderbrand. 2001. ORESU-I-01-001. Available only on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Improving Energy Use and Productivity in West Coast and Alaskan Seafood Processing Plants. G. Kelleher, E. Kolbe, and G. Wheeler. 2001. ORESU-T-01-004.

Seafood Waste Management Bibliography. K. Hilderbrand, Jr. 2001 rev. ORESU-I-01-002. Available only on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Quick Determination of Water Phase Salt Content of Smoked Fish. K. S. Hilderbrand, Jr. 2000 rev. ORESU-I-00-003. Available only on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Tuna Salad Sandwich HACCP Plan. K. S. Hilderbrand, Jr. 2000. ORESU-I-00-001. Available only on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Preparation of Salt Brines for the Fishing Industry. K. S. Hilderbrand, Jr. 1999 rev. 4 pp. 50¢. ORESU-H-99-002. Also available on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Hot Smoked Fish Company HACCP Plan. K. Hilderbrand, Jr. 1997. ORESU-I-97-001. Available only on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Oysters, Pacific Coast, Shucker with Wet Storage. K. Hilderbrand, Jr. 1997. ORESU-I-97-002. Available only on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Pacific Shrimp Generic Company HACCP Plan. K. Hilderbrand, Jr. 1997. ORESU-I-97-004. Available only on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Sanitation Standard Operating Procedures (LOX). K. Hilderbrand, Jr. 1997. ORESU-I-97-003. Available only on-line. URL: <http://seagrant.orst.edu/sgpubs/onlinepubs.html>

Ensuring Food Safety...The HACCP Way: An Introduction to HACCP and A Resource Guide for Retail Deli Managers. R. J. Price, P. D. Tom, and K. E. Stevenson. 1993. 40 pp. \$1. T-030. (A publication by California Sea Grant.)

Quality Control and Quality Assurance for Seafood. G. Sylvia, A. L. Shriver, and M. T. Morrissey (eds.). A conference: May 16–18, 1993, Newport, Oregon. 1993. 169 pp. \$15. ORESU-W-93-001.

Surimi: Some Observations on Trawler Production. K. S. Hilderbrand, Jr. 1986. 25 pp. SR 762.

To obtain a copy, contact
Ken Hilderbrand
OSU Hatfield Marine Science Center
2030 SE Marine Science Drive
Newport, OR 97365
(541) 867-0242

Hazard Analysis and Critical Control Point Applications to the Seafood Industry. J. S. Lee with K. S. Hilderbrand, Jr. 1992. 25 pp. \$4. ORESU-H-92-001.

Parasites in Marine Fishes: Questions and Answers for Seafood Retailers. K. S. Hilderbrand, Jr. 1984. 2 pp. SG 79. Also available on-line. URL: <http://esc.orst.edu/agcomwebfile/edmat/SG79.pdf>

Ecology

Lower Columbia River Estuary Program Biological Integrity Workshop. 1999. 36 pp. \$5. ORESU-W-99-002.

Economics

Change and Resilience in Fishing. S. Hanna and M. Hall-Arber (eds.). 2000. 167 pp. \$10 plus \$3 shipping. ORESU-B-00-001.

Educational Materials

Low Power AM Radio: An Affordable and Automated Broadcast Tool. 2001. ORESU-F-01-001.

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:

TITLES IN PRINT

Copies ordered	Booklet	Video	Set	Postage
1-10	\$5.95 each	\$18.95 each	\$23.95	1-2 items \$3.50 3-5 items \$6.00 6-10 items \$12.00
11-25	\$4.95 each	\$14.95 each	\$18.95	11-20 items \$22.00 21+ items call for rate
26+	\$3.50 each	\$11.95 each	\$14.95	

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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Chinook Salmon: Life in the Watershed. 1999. 6 pp. ORESU-G-99-010.

Coastal Cutthroat Trout: Life in the Watershed. 1999. 8 pp. ORESU-G-99-012.

Coastal Steelhead Trout: Life in the Watershed. 1999. 8 pp. ORESU-G-99-011.

Coho Salmon: Life in the Watershed. 1999. 6 pp. ORESU-G-99-013.

Beach Explorations: A Curriculum for Grades 5-10. G. Snively. 1998. 289-page book with display cards. \$19.95, book; \$7, cards; plus \$4.50 postage. ORESU-E-98-001.

To obtain a copy, contact
Sea Grant Education Program
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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.)

A Changing Columbia Basin, 1770-Present. J. Gilden and C. Smith. 1996. 2 pp. ORESU-G-96-004.

Coastal Zones of the Pacific: A Descriptive Atlas. 1996. 160 pp. \$14.95 plus postage (\$2 first book, 50¢ each additional book). Discounts available to libraries, educational institutions, and retailers; write for price quotation. ORESU-B-96-001.

The Columbia River: Its Future and You. Teacher's Manual for Grades 5-8. M. Frost. 1992 rev. 90 pp. \$10. EM 8474.

The Columbia River: Its Future and You. Teacher's Manual for Grades 9-12. G. Conrath. 1992 rev. 80 pp. \$10. EM 8475.

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Estuary: an Ecosystem and a Resource. A Reading Guide for Grades 9-12. 1984. 56 pp. \$4.

Estuary: an Ecosystem and a Resource. Grades 9-12. Teacher's Manual. 1984. 304 pp. \$7.50.

In Search of the Treasures of South Slough. Level I-Grades 4-5. Teacher's Manual. J. Garner and K. Gartland. 1982. 59 pp. \$4.

The Secret of the Medallion. Level II. Grade 6. Teacher's Manual. J. Garner and K. Gartland. 1982. 67 pp. \$4.

The Lore of South Slough. Level III. Grades 7-8. 1981. 76

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Fishing Families and Communities

Oregon's Changing Coastal Fishing Communities. J. Gilden (ed.). 1999. 73 pp. \$5 plus \$2 postage. ORESU-O-99-001.

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).

Choosing Your Group's Structure, Mission, and Goals. V. Simon-Brown. 1999. 16 pp. \$2. ORESU-G-99-002.

Dealing with Stumbling Blocks. F. Conway. 1999. 16 pp. \$2. ORESU-G-99-006.

Effective Communication. F. Conway. 1999. 16 pp. \$2. ORESU-G-99-005.

Effective Meetings Management. V. Simon-Brown. 1999. 12 pp. \$2. ORESU-G-99-003.

Good Decision Making. P. Corcoran. 1999. 12 pp. \$2. ORESU-G-99-004.

Successful Partnerships. P. Corcoran. 1999. 12 pp. \$2. ORESU-G-99-001.

The Ebb and Flow of Fishing Family Life. M. Manoogian-O'Dell, L. A. McGraw, and A. M. Zvonkovic. 1998. 8 pp. ORESU-G-98-002.

Fishing Family Expense Tracking System. A. Mills Morrow and F. D. L. Conway. 1998. 42 pp. ORESU-G-98-004.

The Fishing Families Project: Tax Information for Crewmen on Commercial Fishing Boats. 1997 rev. 2 pp. ORESU-G-97-006.

Fishing Marriages Over Time. A. Zvonkovic, S. Moon, and M. Manoogian-O'Dell. 1997. 8 pp. ORESU-G-97-007.

Groups That Work. 1997. 33 pp. ORESU-G-97-004.

Seeking Professional Help with Emotional Stress and Strain. F. D. L. Conway and M. J. Beals. 1997. 4 pp. ORESU-G-97-005.

Teaching Children about Money. P. A. Frishkoff. 1997. 8 pp. ORESU-G-97-001.

Connecting with Fathers at Sea. A. Zvonkovic, T. Trospen, and M. Manoogian-O'Dell. 1996. 2 pp. ORESU-G-96-005.

Letters to Fishing Families. 1996. 76 pp. ORESU-G-96-007.

The Fishing-Dependent Families Project: Family and Business Records Checklist for Fishing Families. 1995. 12 pp. ORESU-E-95-002.

Getting Unhooked from Anger and Conflict. 1995. 23 pp.

ORESU-G-95-001.

Helping Persons Cope with Change, Crisis, and Loss. 1994. 57 pp. ORESU-G-94-001.

Guides to Marine Resources and Recreation

Oregon Coastal Access Guide: A Mile-by-Mile Guide to Scenic and Recreational Attractions. K. Oberrecht. 2001. \$17.95 plus \$4 postage. ORESU-H-01-002. Copublished with OSU Press.

Seal Pups Rest on Shore. 2001 rev. Poster. ORESU-G-01-001.

Marine Mammals on the Beach. S. Nieuwkerk, 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.

Boating in Oregon Coastal Waters. 1999 rev. 48 pp. ORESU-H-99-001.

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Marine Mammals of the Eastern North Pacific. P. Folkens, B. Mate, and B. Lagerquist. 1999. \$8. ORESU-H-99-004.

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. North: Columbia River to Nestucca Bay. 1999. Two-color flier, 16 x 21 inches, full area maps. SG Comm-99-002.

Marine Recreational Fishing in Oregon. Central: Cascade

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Head to Florence. 1999. Two-color flier, 16 x 21 inches, full area maps. SG Comm-99-003. 4 pp. \$1. SG 9.

Marine Recreational Fishing in Oregon. South: Winchester Bay to California Border. 1999. Two-color flier, 16 x 21 inches, full area maps. SG Comm-99-004.

Water Wise: Safety for the Recreational Boater. 1999. SG Comm-99-005.

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

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European Green Crab: Identification Guide. 1998. 2 pp. WSG 98-07. (A publication by Washington Sea Grant.)

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.

Boating Guide to the Lower Columbia and Willamette Rivers. S. McKinney, M. Law, and T. Gentle. 1996 rev. 34 pp. \$3. SG 86.

Oregon's Captivating Clams. R. W. Jacobson, P. Heikkila, and K. S. Hilderbrand. 1996. 2 pp. 75¢. ORESU-G-96-003.

Protecting Oregon Waters: Practical Solutions for Boaters. 1996. 16 pp. ORESU-G-96-001.

Gray Whales. B. R. Mate. 1995 rev. 2 pp. ORESU-G-95-002. Also available on-line. URL: <http://seagrant.orst.edu/sgpsubs/onlinepubs.html>

Watching Whales. B. R. Mate. 1994 rev. 2 pp. ORESU-G-98-006.

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

Yaquina Bay Estuary Public Access Guide. J. W. Good. 1990. Map. \$1. SG 84.

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.

Field Guide to Common Marine and Bay Fishes of Oregon. C. E. Bond and A. J. Beardsley. 1984 rev. 60 pp. \$1.25. Manual 4.

How to Identify Soft-Shell Crabs. C. J. Spears. 1983. Flier. 2 pp. SG 76.

Phytoplankton, Grass of the Sea. H. C. Curl, Jr. 1973 rev.

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.

Albacore Tuna: A Quality Guide for Off-the-Dock Purchasers. K. S. Hilderbrand, Jr. 1995 rev. 4 pp. 50¢. ORESU-G-95-003. Also available on-line. URL: <http://seagrant.orst.edu/sgpsubs/onlinepubs.html>

Home Canning Smoked Fish. C. A. Raab and K. S. Hilderbrand, Jr. 1993. \$1. PNW 450.

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>

Canning Seafood. C. A. Raab. 1990. 12 pp. \$1. PNW 194.

Building a Small Crab Cooker for Home Use. K. S. Hilderbrand, Jr. 1981. 2 pp. SG 70.

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

Marine Economics

The Business of Boating Recreation in Oregon. R. M. Neely, R. Johnson, and B. DeYoung. 1998. 28 pp. \$5 plus \$1.50 postage. ORESU-G-98-003.

1996 World Congress on Coastal and Marine Tourism, Abstracts. 1996. 48 pp. \$12 domestic; \$14 international. ORESU-W-96-001.

Proceedings of the 1996 World Congress on Coastal and Marine Tourism. M. L. Miller and J. Auyong (eds.). 1996. 386 pp. \$35 plus postage. WASHU-W-96-003.

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Attitudes, Concerns, and Priorities of Oregon Coast Residents Regarding Tourism and Economic Development: Results from Surveys of Residents in Eight Communities. K. Lindberg, R. Johnson, and B. Rettig. 1994. \$6. ORESU-T-94-001.

Your Port and Economic Growth. F. J. Smith. 1989. 16 pp. \$1.50. EM 8399.

Your Port: Activities, Finance and Governance. B. A. Weber, F. J. Smith, and M. Liffman. 1989. 15 pp. \$2. EM 8409.

Your Port and the Local Economy. F. J. Smith. 1988. 12 pp. \$1.50. EM 8395.

Marine Science

Oregon [Aquatic Nuisance Species]. 2000. Aquatic Nuisance Species Report: An Update on Sea Grant Research and Outreach Projects 2000 209-212. ORESU-R-00-025.

Controlling the Sex of Salmonids. G. Feist, C. B. Schreck, and A. J. Gharrett. 1996. 28 pp. \$4 plus \$1.25 postage. ESU-H-96-001.

Domoic Acid: Final Report of the Workshop (Second Edition). A. M. Wood, L. P. Shapiro, and S. S. Bates (eds.). 1994. 22 pp. \$4. ORESU-W-94-001.

Salmonid Ecosystems of the North Pacific. W. J. McNeil and D. C. Himsforth (eds.). 1980. 348 pp. Paperback \$26.95 plus postage (\$3 first book, \$1 each additional book).

To obtain a copy, contact
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Social Sciences

History, Science, the Law, and Watershed Recovery in the Grande Ronde: A Case Study. A. Duncan. 1997. 82 pp. \$7 plus \$2 postage. ORESU-O-97-001.

Oregon Coastal Salmon Restoration: Views of Coastal Residents. C. L. Smith, J. D. Gilden, J. S. Cone, and B. S. Steel. 1997. 16 pp. ORESU-S-97-001.

The Northwest Salmon Crisis: A Documentary History. J. Cone and S. Ridlington (eds.). 1996. 384 pp. Paperback \$22.95 plus postage (\$3 first book, \$1 each additional book). ORESU-B-96-002.

To obtain a copy, contact
University of Arizona Press

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NEWSLETTERS

Restoration: A Newsletter about Salmon, Coastal Watersheds, and People. 1994. A quarterly newsletter. Also available online. URL: <http://seagrants.orst.edu/sgpubs/onlinepubs.html>

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.

Salmon: Why Bother? 1999. 12 minutes; color. VHS video purchase \$12 plus \$3.50 postage; rental \$5. ORESU-V-99-001.

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

Family, Business, and Community: The Lives of Fishermen's Wives. D. Bogan and P. Kight. 1998. 18 minutes; color. VHS video purchase \$15 plus \$3.50 postage; rental \$5. ORESU-V-98-002.

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

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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.

Life Cycle of the Salmon. 1999. 5 minutes; color. VHS video purchase \$10 plus \$3.50 postage; rental \$5. **ORES-U-V-99-002.**

Authentic oral histories with veteran fishers; videotape skillfully composed from original slides and tapes.

A brief presentation of the dramatic life story from the salmon's underwater perspective.

Hydro: The Story of Columbia River Power. Bonneville Power Administration. 1940. 34 minutes; black and white. VHS video purchase \$20; rental \$5. **ORES-U-V-98-003.**

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).

A historic film advocating public hydroelectric power and taking an optimistic view of the consequences for salmon.

Highlights tide pools; intended for use before a field trip.

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Educational Materials

Making Waves with Low Power AM Radio: The Affordable Broadcast Tool. 2001. **ORES-U-V-01-001.**

This video shows how organizations are using this innovative technology to reach location visitors.

Restoring Salmon and Watersheds: An Introduction. J. Cone. 1995. 8 minutes; color. Short introduction to **ORES-U-V-95-001** listed below. VHS video purchase \$12; rental \$5. **ORES-U-V-95-002.**

The above video has an accompanying booklet (**ORES-U-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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The Return of the Salmon: Restoring the Fish to Rivers and Watersheds. J. Cone. 1995. 33 minutes; color. VHS video purchase \$25; rental \$5. **ORES-U-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. **ORES-U-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. **ORES-U-FILM-82-001.**

Still relevant perspective on the Columbia River, highlighting the estuary's nature and uses.

Nature and the Environment

You Ought to Tell Somebody! Dealing with Aquatic Invasive Species. 2001. 23 minutes; color. **ORES-U-V-01-002.**

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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.

Farmers of the Sea. J. R. Larison, L. Weimer, and J. E. Lannan. 1984. 57 minutes; color. VHS video purchase \$30; rental \$5. ORESU-FILM-84-001.

Produced for NOVA, an optimistic view of aquaculture worldwide.

Farmers of the Sea. J. R. Larison, L. Weimer, and J. E. Lannan. 1985. 30 minutes; color. VHS video purchase \$20; rental \$5. ORESU-V-85-001.

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.

North Pacific Climatological Shifts: Beyond El Niño: A Seminar with Pete Lawson. 1998. 1 hour, 40 minutes; color. VHS video purchase \$12; rental \$5. ORESU-V-98-005.

Understanding Seafood Markets: A Seminar with Gil Sylvia. 1998. 1 hour, 55 minutes; color. VHS video purchase \$12; rental \$5. ORESU-V-98-006.

Anatomy of a Groundfish Stock Assessment: A Seminar with David Sampson. 1997. 1 hour, 38 minutes; color. VHS video purchase \$12; rental \$5. ORESU-V-97-001.

JOURNAL REPRINTS

Aquaculture

Kreeger, D. A., and C. J. Langdon. 1994. **Digestion and assimilation of protein by *Mytilus trossulus* (bivalvia: mollusca) fed mixed carbohydrate/protein microcapsules.** Marine Biology 118:479-488. ORESU-R-94-001.

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The Coastal Zone

Peterson, C. D., D. L. Doyle, and E. T. Barnett. 2000. **Coastal flooding and beach retreat from coseismic subsidence in the central cascadia margin, USA.** Environmental & Engineering Geoscience VI(3):255-269. ORESU-R-00-011.

Good, J. W., J. W. Weber, and J. W. Charland. 1999. **Protecting estuaries and coastal wetlands through state coastal zone management programs.** Coastal Management 27:139-186. ORESU-R-99-010.

Tillotson, K., and P. D. Komar. 1997. **The wave climate of the Pacific Northwest (Oregon and Washington): a comparison of data sources.** Journal of Coastal Research 13(2):440-452. ORESU-R-97-006.

Ruggiero, P., P. D. Komar, W. G. McDougal, and R. A. Beach. 1996. **Extreme water levels, wave runup and coastal erosion.** Coastal Engineering 1996 Proceedings, 25th International Conference, Coastal Engineering Research Council/ASCE, September 2-6, 1996, Orlando, Florida, pp. 2793-2805. ORESU-R-96-027.

Good, J. W. 1994. **Shore protection policy and practices in Oregon: an evaluation of implementation success.** Coastal Management 22:325-352. ORESU-R-94-023.

Shih, S.-M., and P. D. Komar. 1994. **Sediments, beach morphology and sea cliff erosion within an Oregon coast littoral cell.** Journal of Coastal Research 10(1):144-157. ORESU-R-94-003.

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