2007 Alaska Sea Grant CATALOG
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About the Publisher

Alaska Sea Grant has published hundreds of books and other products to help Alaskans, and all Americans, understand and more wisely use our precious ocean waters. Alaska Sea Grant helps bolster the long-term value of Alaska’s marine resources by funding scientific research. Reports on new discoveries reach the public via publications and videos in this catalog, and through a statewide network of Marine Advisory agents. Proceeds from the sale of the publications and videos help fund marine education. Alaska Sea Grant is part of the National Oceanic and Atmospheric Administration’s National Sea Grant Program, a partnership of 30 state programs, 300 colleges and universities serving millions of people. Visit us at alaskaseagrant.org.

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Catalog design and layout by Dave Partee.
Cover photo of juvenile red king crab by Brad Stevens.
Alaska Coastal Calendar

We’ve collected some of the most spectacular images from Alaska’s coasts and waterways for our award-winning 16-month wall calendar. We’ve included breathtaking scenery, fascinating underwater sealife, and scenes of work and play that draw people to Alaska’s coasts.

Alaska has half the nation’s total coastline! Each month includes a brief description of interesting marine research happening from the panhandle to the Bering Sea to the ice floes of the Arctic Ocean.

The 2008 calendar focuses on the International Polar Year, and we’re highlighting both the natural beauty and the science of Alaska and the Arctic. You’ll also learn about the frontiers of knowledge being explored by dedicated scientists in the far north.

This 9 x 12, 16-month wall calendar is a great gift or memento.

The 2008 calendar will be available April 2007.

SG-ED-58 • $12.00 • ISBN 1-56612-118-3
Guide to Marine Mammals of Alaska

Kate Wynne. Illustrated by Pieter Folkens

*Guide to Marine Mammals of Alaska* is the only book that exclusively covers all 29 marine mammal species of Alaska. Each whale, porpoise, dolphin, seal, sea lion, walrus, sea otter, and polar bear is described and illustrated with color photos and surface profile drawings. Color range maps show distribution. Mammal characteristics are presented in a format that allows fast, accurate identification at sea.

The book is printed on durable water-resistant paper to give years of service outdoors and in the office, classroom, and home.

Winner of many awards, including: Agricultural Communicators in Education Critique and Awards Competition, first place; National Association of Government Communicators, first place.

MAB-44 • $20.00 • Wire-o binding, 80 pp. • ISBN 1-56612-044-6

2nd edition expected Spring 2007

Guide to Northeast Pacific Flatfishes: Families Bothidae, Cynoglossidae, and Pleuronectidae

Donald Kramer, William Barss, Brian Paust, and Barry Bracken

This guide makes it easy to identify all 40 species of flatfishes in the northeast Pacific. Illustrated with line drawings and color photos, and printed on water resistant paper. Useful to commercial fishermen and fisheries educators, processors, observers, managers, recreational fishermen, and divers. The second edition adds northern and southern rock sole, and updates names as recommended by the American Fisheries Society. Winner of a National Association of Government Communicators award.

MAB-47 • $20.00 • Wire-o binding, 112 pp. ISBN 1-56612-032-2
Field Guides

Field Guide to Bird Nests and Eggs of Alaska’s Coastal Tundra
Tim Bowman

With 450 photographs of birds, nests and nesting habitat, eggs, feathers, and wings of 70 species, this easy-to-use book helps in identification of nests and eggs of birds on Alaska’s coastal tundra. It covers the Alaska Peninsula, the Bering and Chukchi sea coasts, and the Arctic Coastal Plain including the Arctic National Wildlife Refuge. Written by a U.S. Fish and Wildlife Service ornithologist with 15 years of experience in Alaska; printed on waterproof paper.

SG-ED-44 • $25.00 • Wire-o binding, 80 pp.
ISBN 1-56612-085-3

Field Guide to Sharks, Skates, and Ratfish of Alaska
Expected Spring 2007
Duane E. Stevenson, James W. Orr, Gerald R. Hoff, and John D. McEachran. Cover by Ray Troll

This field guide is the most comprehensive overview of Alaska’s cartilaginous fishes ever produced. The authoritative book combines information from the scientific literature with morphology descriptions based on museum specimens, and distribution data from assessment surveys and observer collections. An identification key to 10 sharks, 15 skates, and one ratfish is included, as well as a key to egg cases. Color photos, illustrations, and distribution maps are provided for each species, supplemented with shark teeth drawings.

Sharks, skates, and ratfish are important to Alaska’s marine ecosystems, even though they do not support large commercial fisheries. In addition, because of their large size, longevity, and low reproduction rate, they may represent the most vulnerable components of the ecosystems. This book feeds the increasing curiosity in the diversity and conservation of cartilaginous fishes.

SG-ED-57 • $20.00 • ISBN 156612-113-2

or call toll free (888) 789-0090
Marine Mammals of the Eastern North Pacific
Handy! A color-illustrated brochure that shows all 50 marine mammals found in southern Alaska, the Hawaiian Islands, the Gulf of California, and along the west coast of North America. This waterproof guide helps with on-site identification, and is an excellent classroom tool. It also includes guidelines for watching marine mammals, habitat information, biology and diversity, and an illustrated glossary to habits and behaviors.

M-17 • $8.95 • Brochure, 5” x 8” (unfolds to 22”)
ISBN 1-89271-000-1

Common Edible Seaweeds in the Gulf of Alaska
Dolly Garza
Seven Alaska seaweed species are highlighted in this book—the ones that are most delicious and easiest to harvest. Illustrations and photos help the reader identify, harvest, and dry the seaweeds—plus one land plant, beach asparagus. In addition to seaweed biology and habitat, the reader is treated to more than 25 tasty recipes using the seaweeds.

SG-ED-46 • $10.00 • Softcover, 50 pp. • ISBN 1-56612-086-1

North Pacific Seaweeds
Rita M. O’Clair and Sandra C. Lindstrom
This illustrated guide to 154 of the most abundant seaweeds and seagrasses includes common names, descriptions, physiology and ecology, and recipes! Published by Plant Press.

M-14 • $24.95 • Softcover, 160 pp. • ISBN 0-96642-451-4

Guide to Northeast Pacific Rockfishes: Genera Sebastes and Sebastolobus
Donald Kramer and Victoria O’Connell
This guide helps identify all 37 rockfish species in Alaska and British Columbia, and most of the rockfish in Oregon and Washington.

MAB-25 • $20.00 • Wire-o binding, 78 pp.
ISBN 1-56612-079-9

Order online at alaskaseagrant.org
Guide to Marine Mammals and Turtles of the U.S. Atlantic and Gulf of Mexico

Kate Wynne and Malia Schwartz
Illustrated by Garth Mix
All U.S. Atlantic species of whales, dolphins, porpoises, seals, manatee, and sea turtles are depicted in this identification guide. Designed for the professional as well as the casual observer, it shows identifying characteristics for each species. The book follows the same format as Kate Wynne's Guide to Marine Mammals of Alaska. Printed on waterproof paper. Published by Rhode Island Sea Grant. Winner of a National Outdoor Book Award for best nature guidebook.

MAB-50 • $25.00 • Wire-o binding, 115 pp.
ISBN 0-938412-43-4

Charter Operators

Responsible Marine Wildlife Viewing in Alaska
Terry Johnson
Describes laws and guidelines for observing whales, sea lions, walruses, sea otters, coastal birds, and other animals. Charter operators and nature tour leaders find this issue a valuable source of information that ensures the comfort of the wildlife as customers get thrilling views. Alaska Seas & Coasts Vol. 2, 2006.

Download PDF (alaskaseagrant.org/bookstore/pubs/M-49.html) or order paper copies.
M-49 • Single copies free plus a $3.00 handling fee per shipment • 12 pp.

Preventing and Treating Seasickness
Terry Johnson
Charter businesses help customers prevent seasickness by providing this brochure at reservation time.

SG-ED-47 • Single copies free, 2-99 copies 50¢ each, 100 or more 25¢ each
Brochure

Scott Meyer
By educating themselves about rockfish-conserving tactics, Alaska anglers can prevent drastic fishing restrictions enforced elsewhere.

SG-ED-40 • Single copies free, 2-99 copies 50¢ each, 100 or more 25¢ each
Brochure

or call toll free (888) 789-0090
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Doug Coughenower and Cal Blood
Read about Pacific halibut biology, commercial fishery, and weight records, plus how to catch, ship, and cook halibut.
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How to operate a charter boat business is the topic of the 16 page Alaska’s Marine Resources. The charter industry has a major presence in Alaska port cities, and is a growing industry on freshwater rivers and in western Alaska. ONLINE ONLY, in PDF format. See alaskaseagrant.org/bookstore/pubs/M-07.html

What You Need to Know about Recreational Boat Insurance
Terry Johnson
The author explains off-the-shelf boat policies, yacht policies, marine policy components, how to keep premiums low, and how to file a claim.
ASG-36 • Single copies free, multiple copies 30¢ each • 6 pp.

Buying Insurance for Your Charterboat
Terry Johnson
Buying Insurance for Your Charterboat clarifies the unique insurance requirements for charter vessel owners, and offers solutions to selecting insurance.
ASG-35 • Single copies free, multiple copies 30¢ each • 6 pp.

Fishing Vessel Insurance—How Much Is Enough?
Terry Johnson
This article addresses four types of vessel insurance: hull and machinery, breach of warranty, cargo, and protection and indemnity (P&I).
ASG-34 • Single copies free, multiple copies 30¢ each • 8 pp.
Northern Harbors and Small Ports: Operation and Maintenance

Alan Sorum

Harbormasters at small ports, especially in northern regions, will find this book invaluable in the day-to-day operation and long-term maintenance of their harbors. The chief difference for northern harbors is the need for more robust structures built to withstand the severe climate. Topics include maintenance planning, repair and maintenance techniques, conducting inspections, creating a resource library, construction materials, harbor and port structures, effect of the environment on materials and structures, hazardous materials, utilities, harbor economics, and safety. Author Alan Sorum is the port director in Valdez, Alaska.

MAB-56 • $20.00 • Softcover, 162 pp. • ISBN 1-56612-102-7

2007 Alaska Tide books

Three regional 2007 tide booklets, for Southcentral, Southeastern, and Western Alaska, with daily tide times and marine safety pointers.

Free

M-56 • Southcentral Alaska
M-57 • Southeastern Alaska
M-55 • Western Alaska

Finding a Seasonal Job on Alaska’s Waters

Terry Johnson

Tells how to find seasonal work as a fishing guide, charter boat crew, kayak or raft guide, or in tour booking, housekeeping, food service, and logistics.

ASG-37 • Single copies free, multiple copies 30¢ each • 8 pp.
If you’re just getting started in the fishing business, or if you’ve been commercially fishing for years, Alaska Sea Grant’s fishing business guides have information that will assist you and your operation.

**How to Make a Directed Transfer of Your Fishing Business**

Sunny Rice  

*How to Make a Directed Transfer of Your Fishing Business* introduces established fishermen to the subject of retiring from fishing, discusses transfer strategies, and examines tax and retirement implications. By encouraging established fishermen to pass on their business skills, this book helps foster the next generation of Alaska fishermen.  

**MAB-59 • $5.00 • Softcover, 48 pp. • ISBN 1-56612-109-4**

**Business Resource Guide for Alaska Fishermen**

Terry Johnson (editor)  

An excellent resource list of state and federal agencies, fisheries organizations, private-nonprofits, and private companies. Also included are books, newsletters, magazines, videos, software, and Web sites. It is available in paper or as a PDF. The book is part of the Alaska Fisheries Business Assistance Project, providing information and resources to Alaska’s fishermen, processors, and marine-related businesses. Download PDF (seagrant.uaf.edu/bookstore/pubs/MAB-57.html) or order paper copies.

**MAB-57 • Single copies free • Softcover, 56 pp. • ISBN 1-56612-101-9**

**Tips for Direct Marketers: The Onboard DEC Inspection**

Torie Baker  

Written for Alaska fishermen with direct market permits, this publication informs captains of small vessels, who process their own fish, how to prepare for a Department of Environmental Conservation inspection. Operators are advised to have paperwork in order, and to demonstrate that they follow hazard analysis and sanitation protocols. Download PDF (alaskaseagrant.org/bookstore/pubs/ASG-45.html) or order paper copies.

**ASG-45 • Single copies free, multiple copies 30¢ each • 6 pp.**
Fishing Business Spreadsheets and Business Plan Writer

This CD includes business spreadsheets and tools designed for commercial fishermen. The programs allow the user to maintain electronic records, create asset/liability statements, perform “what if” analyses, and create an effective business plan. Spreadsheets are Mac/PC; business planning software is PC only.

MAB-58 • Data CD

Boatkeeper

Terry Johnson

Thirty-two award-winning articles on how to maintain and operate fishing vessels and equipment.

MAB-52 • Paper copies of all articles $5.00
ONLINE. See alaskaseagrant.org/boatkeeper

Trading Up, Saving Taxes

Terry Johnson

Fishermen who want a bigger boat or a different vessel can avoid taxes by trading up instead of selling and buying.

ASG-32 • 4pp. • Single copies free, multiple copies 30¢ each

Understanding Salmon Markets

Terry Johnson and Craig Wiese

Explains what a market is, where Alaska salmon product goes, how prices go up, and how inventories, etc., affect price.

ASG-33 • Single copies free, multiple copies 30¢ each • 12 pp.

Russian Far East Fisheries

Terry Johnson

Articles on fisheries management, boats and gear, seafood products, and marketing and trading, in the largest segment of Russia’s fisheries.

MAB-55 • $7.00 • Softcover, 24 pp. • ISBN 1-56612-087-X

Fishing Business

Terry Johnson (editor)

Helps fishermen learn strategies for distributing seafood, locating customers, packaging and shipping, and basic business planning.

MAB-53 • Single copies free • Softcover, 66 pp.

or call toll free (888) 789-0090  
Expected June 2007
Managing Fisheries—Empowering Communities: Workshop Proceedings

Paula Cullenberg (editor)

In order to recognize and strengthen the benefits of commercial fisheries to Alaska coastal economies, organizers of the Managing Fisheries—Empowering Communities conference brought together local residents, fishermen, leaders of fisheries cooperatives, NOAA and state fisheries leaders, and management decision-makers, as well as social scientists and anthropologists. Limited entry and quota share programs have, in some cases, seen fishing access move away from smaller communities. The presentations and work group summaries in this book represent a first step toward recognizing the importance of fisheries to rural economies before new management programs are developed.

AK-SG-05-05 • $10.00 • Softcover, 94 pp.
ISBN 156612-100-0

Sharing the Sea: Alaska’s CDQ Program (video)

Produced by Rick Steiner and Deborah Mercy

Tour the Bering Sea coast fishing industry, and learn how villages participate in offshore fisheries under the Community Development Quota Program.

MAPV-40 • $15.00 • VHS, 58 min.

Charting New Courses for Alaska Salmon Fisheries

Legal experts discuss issues on restructuring the Alaska salmon fishery, to improve its economic viability.

M-28 • Single copies free, multiple copies 25¢ each • 12 pp.

See Research and Proceedings section for more on fisheries management.
Seafood buyers pay top dollar for fish that looks good, smells good, feels good, and tastes good. These thorough yet brief booklets will help you learn how to make a better profit by treating your catch right and keeping quality high. The publications are based on laboratory research that confirms the best handling methods to use for Alaska fish.

Quality Is in Your Hands: Salmon Skiff Fishermen (video)
Directed by Deborah Mercy
This video was created for skiff fishermen, especially in Southwestern Alaska, to help improve the fishery product and their business. Fishermen are shown good practices—how to handle fish gently, bleed them, and ice immediately, to prevent bruising, gaping, scale loss, and bacterial spoilage. Skiff management includes keeping a clean boat, having an adequate holding area, and sanitizing after delivery to the processor. The DVD was filmed in Quinhagak and in lower Yukon/Kuskokwim areas, and is narrated by Carl Jack.

MAPV-62 • $15.00 • DVD, 16 min.

Care and Handling of Salmon: The Key to Quality
John P. Doyle
Learn how to produce a top quality salmon product by improving handling. Color photos show high quality seafood, and problems to avoid.
MAB-45 • Single copies free • Softcover, 66 pp.
ISBN 1-56612-010-1

Care of Halibut Aboard the Fishing Vessel
Donald Kramer and Brian Paust
Step-by-step instructions on how to land, prepare, and store halibut to produce top quality product and get higher prices.
MAB-18 • $1.00 • Softcover, 36 pp.

Halibut Dressing (video)
Demonstrates good handling on deck, and proper dressing and icing, to produce the highest quality product for the best price.
MAPV-05 • $15.00 • VHS, 8 min.

or call toll free (888) 789-0090
Quality Handling of Hook-Caught Rockfish
Brian Paust and John Svensson
The fisherman who takes care to produce consistently good quality product will have no trouble selling rockfish.
MAB-20 • $3.00 • Softcover, 20 pp.

Fishing for Octopus: A Guide for Commercial Fishermen
Brian Paust
Alaska fishermen who catch octopus incidentally can increase catch and earn money by selling octopus as bait.
AK-SG-88-03 • $5.00 • Softcover, 48 pp. • ISBN 1-56612-042-X

Gillnet Hanging
Paula Cullenberg
MAB-29 • $4.00 • Softcover, 22 pp.
ISBN 1-56612-045-4

Hanging a Gillnet (video)
The DVD shows how to plan the net, buy supplies, hang the net, and finish up.
MAPV-13D • $15.00 • DVD, 18 min.

Net Mending and Patching
Illustrated guide to mending and patching fishing nets, aimed at fishermen starting off in a net fishery.
M-47 • $3.00 • Booklet, 15 pp.
North Pacific Albatrosses
Liz Mitchell
Use this card to identify short-tailed, Laysan, and black-footed albatrosses.
M-04 • $4.00 • 8.5 x 11-inch laminated card, 3-hole punched

Marketing and Shipping Live Aquatic Products
Brian Paust and Allison Rice (editors)
How to improve efficiency and profitability in marketing and shipping live finfish, shellfish, plants, and ornamentals.
AK-SG-01-03 • $20.00 • Softcover, 320 pp.
ISBN 1-56612-067-5

Recoveries and Yields from Pacific Fish and Shellfish
Chuck Crapo, Brian Paust, and Jerry Babbitt
Average percent recovery is given for 65 species, from starting material to end product. For fishermen, plant managers, and foremen.
MAB-37 • $5.00 • Softcover, 36 pp. • ISBN 1-56612-012-8

Seafood Shelf Life as a Function of Temperature
John P. Doyle
Rapid chilling and gentle handling allow high quality seafood to stay on the shelves longer, yielding higher economic returns.
ASG-30 • Single copies free, multiple copies 30¢ each • 6 pp.

or call toll free (888) 789-0090
Air Shipment of Fresh Fish: A Primer for Shippers and Cargo Handlers
Chuck Crapo and Brian Paust
Describes causes of quality loss in fresh fish and how to prevent spoilage during shipment through proper packing, temperature control, and handling.
MAB-32 • $3.00 • Softcover, 32 pp. • ISBN 1-56612-001-2

Planning Seafood Cold Storage
Edward Kolbe, Donald Kramer, and Joseph Junker
This popular book guides seafood processors through the planning and building stages of a cold store unit. Written by veteran researchers in seafood science and refrigeration, the manual addresses everything from choosing the building site to designing shelving. Well-designed cold storage units enhance production of high quality and affordable Alaska seafoods. The 2006 edition has a U.S. West Coast focus with international application, expanded information on the effect of time and temperature on shelf life, updated cost estimates, and graphs on cost vs. unit size.
MAB-46 • $10.00 • Softcover, 78 pp. • ISBN 156612-104-3

Common Mistakes in HACCP
Liz Brown
Handouts clarify questions commonly asked by processors, to meet HACCP requirements. Download PDFs (alaskaseagrant.org/bookstore/pubs/ASG-38to41.html) or order paper copies.
1 page each, single copies free
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ASG-39 • Groundfish
ASG-40 • Cooked Crab
ASG-41 • Products for Export Only
ASG-42 • Government Agencies
ASG-43 • Sanitation Standard Operating Procedure
ASG-44 • Hot Smoked Salmon
Seafood Consumers

Seafood Safety: What Consumers Need to Know
Doris Hicks and Don Kramer
Advises consumers how to safely handle highly perishable fish and shellfish, including storing, thawing, cooking, and serving.
M-19 • Single copies free Brochure

Fish-Wurst: Recipes for Sausage from Fish
Doug Coughenower
Delicious recipes for fish sausage, with full-process instructions from raw fish to smoked links.
FISHWURST • Single copies free • Brochure

Seafood Recipe Bookmarks
For bookmark collectors! These beautifully illustrated, laminated bookmarks show species important to Alaska’s fisheries: chinook salmon, sidestriped shrimp, Pacific halibut, red king crab, Pacific oyster, and sockeye salmon, with delicious recipes such as grilled salmon and oysters Rockefeller printed on the reverse side. Each species is packaged separately, 50 total in a package. Recommended retail price $0.50 per bookmark.
$12.00 wholesale • 2.5 x 7 inches, package of 50
SG-ED-51 • Chinook salmon
SG-ED-52 • Sidestriped shrimp
SG-ED-53 • Red king crab
SG-ED-54 • Sockeye salmon
SG-ED-55 • Pacific oyster new!
SG-ED-56 • Pacific halibut

or call toll free (888) 789-0090
A little reading, regular drills, and an investment in safety equipment can go a long way to improve safety on Alaska’s seas and shores. These publications and videos can save your life and make you feel more comfortable at sea.

Survival at Sea Series
Set includes:
A Matter of Survival, When Seconds Count, Beating the Odds, Rescues at Sea
Four marine safety DVDs in one box for a bargain price. An $80 value for only $60. This set is useful to all boaters on commercial and noncommercial vessels.

M-35D • $60.00 • DVD

A Matter of Survival: Liferaft Survival Packs (video)
Shows proper use of the survival equipment pack, and how liferaft equipment can be upgraded.
M-34V (VHS) • M-34D (DVD) • $20.00 • Video, 26 min.

When Seconds Count: Care and Use of Immersion Suits (video)
Directed by Deborah Mercy
Shows features to look for when buying an immersion suit, how to put one on, how to use it, and how to take care of it.
MAPV-38 • $15.00 • VHS, 16 min.

Beating the Odds: Onboard Emergency Drills (video)
Demonstrates how to conduct drills and what to look for in post-drill debriefings.
M-24 • $20.00 • VHS, 32 min.

Rescues at Sea: A Guide to Helicopter Rescues and Dewatering Pump (video)
Learn how to prepare for helicopter arrival, medevac procedures, and dewatering pump delivery.
Fishing Vessel Stability: Operational Practices (video)

Directed by Deborah Mercy

Stability problems account for 35% of all vessel losses. This film outlines nine factors that affect stability of small fishing vessels—proper loading, free surface effect, watertight integrity, icing, lifting loads, shifting loads, weight creep, hang-ups, and heavy seas—and suggests procedures to improve safety. Footage of real fishing vessel capsizings, models, and survivor interviews illustrates the potentially tragic results of stability problems. Useful for all operators and crew on fishing vessels or small workboats.

MAPV-63 • $20.00 • DVD, 20 min.


Susan Clark Jensen and Jerry Dzugan

How to prevent and survive accidents on the fishing boat; and how to maintain safety gear and train crew so problems don’t escalate into disaster.

MAB-41 • $15.00 • Softcover, 248 pp. • ISBN 1-5662-094-2

Marine Survival Equipment and Maintenance

Hank Pennington

BOOK: Learn how to use an EPIRB, an immersion suit, a fire extinguisher, and a life raft.

SG-ED-06 • $4.00 • Softcover, 28 pp. • ISBN 1-56612-089-6

VIDEO: Demonstrates use of EPIRB, immersion suit, fire extinguisher, and life raft, plus mistakes commonly made by the unprepared.

MAPV-11 • $15.00 • VHS, 11 min.

Shore Survival

BOOK: Learn how to make decisions, build a shelter, make signals, what to eat and drink, and keep your spirits up.

CES-A-2-033 • $4.00 • Softcover, 39 pp.

VIDEO: Demonstrates seven steps to survival, and how to build an emergency shelter, create signals, and stay alive.

MAPV-04 • $15.00 • VHS, 22 min.

Sea Survival (video)

Shows seven steps to survival, and how to use a life raft; conserve body heat, energy, and water on a life raft; and board a rescue helicopter.

MAPV-03 • $15.00 • VHS, 21 min.

or call toll free (888) 789-0090
Hypothermia
BOOK: This illustrated book tells how to prevent, recognize, and treat hypothermia.
SG-ED-15 • $4.00 • Softcover, 20 pp. • ISBN 1-56612-006-3
VIDEO: Shows the danger of hypothermia on a fishing boat, how to recognize hypothermia, and what to do about it.
MAPV-01 • $15.00 • VHS, 15 min.

Cold Water Near-Drowning
BOOK: Steps in treating the victim, including CPR, are described and illustrated.
SG-ED-10 • $4.00 • Softcover, 19 pp. • ISBN 1-56612-029-2
VIDEO: This program demonstrates how to treat a cold water near-drowning victim, and shows CPR on an adult.
MAPV-02 • $15.00 • VHS, 20 min.

Frostbite and Other Cold Injuries
Deborah Mercy
BOOK: This easy-to-read book tells how to prevent, identify, and treat frostnip, frostbite, and immersion foot.
SG-ED-07 • $4.00 • Softcover, 20 pp. • ISBN 1-56612-008-X
VIDEO: Shows the danger of hypothermia on a fishing boat, how to recognize hypothermia, and what to do about it.
MAPV-17 • $15.00 • VHS, 16 min.

Cold Weather Safety and Survival
Learn how to prevent and treat hypothermia, cold water near-drowning, and frostbite. The video tape combines MAPV-01, MAPV-02, and MAPV-17, and comes with three workbooks. A $57.00 value for $25.00.
MAPV-20 • $25.00 • VHS and workbooks, 61 min.
Surviving on the Foods and Water from Alaska’s Southern Shores

Dolly Garza

This illustrated booklet describes wilderness sources of nutritious foods useful in a survival situation, or just for everyday consumption. The reader is advised how to make drinking water safe and how to find and prepare intertidal sea animals, bird eggs, land plants, and seaweeds for eating. Includes color pictures to help distinguish edible plants and animals from poisonous ones.

MAB-38 • $5.00 • Softcover, 28 pp.
ISBN 1-56612-115-9

A best seller!

Ocean Fury: Tsunamis in Alaska (video)

Produced by Kurt Byers, Elena Suleimani, and Roger Hanson, with Moving Images

The most powerful earthquake in U.S. history shook Alaska in 1964, generating tsunamis that killed more than 100 people and transformed several Alaska communities into tangled devastation. This program features recent interviews with Alaskans who witnessed the tsunami disaster up close. The program also presents the science of tsunamis using 3-D computer graphics, and tells how to prepare for the next big one. Produced with the University of Alaska Fairbanks Earthquake Information Center and the Alaska Division of Homeland Security and Emergency Management. Winner of several national awards.

M-25D (DVD) • M-25V (VHS) • $20.00
Video, 25 min.
ISBN 1-56612-095-0 (VHS)
ISBN 1-56612-096-9 (DVD)
Family Health & Safety

Water Wise: Safety for the Recreational Boater
Jerry Dzugan and Susan Clark Jensen
The U.S. boating public can improve safety preparedness and prevention with this all-in-one boating safety book.

**MAB-51** • $19.95 • Softcover, 200 pp.
ISBN 1-56612-058-6

It Could Have Been Prevented (video)
Issues such as alcohol, weather, and PFDs are demonstrated through a fictional story about a family traveling upriver.

**MAPV-18** • $15.00 • VHS, 17 min.

Outdoor Survival Training: Instructor Manual
Dolly Garza
This illustrated manual is geared to grades 5-7, and can also be used for grades K-12. Kids are taught skills that increase their chances of survival in an emergency situation. Teachers who buy the instructor manual will be supplied with free student manuals. When ordering, please specify how many student manuals are needed.

**SG-ED-16** • $8.00 • Softcover, 108 pp.

Outdoor Survival Training: Student Manual
Dolly Garza
Students learn about signals, shelters, fire building, PFDs, food gathering, and positive mental attitude. Instructors are encouraged to distribute the student manual free to kids taking the survival class, to share with family and friends.

**SG-ED-17** • Maximum 25 copies free with purchase of instructor manual
Softcover, 46 pp.

Order online at alaskaseagran.org
Cold Can Kill: Hypothermia
Christine Betz Hall
New adult readers learn about hypothermia from this illustrated book. Written at the fourth grade level.
SG-ED-23 • $3.00 • Softcover, 20 pp. • ISBN 1-56612-026-8

Cold Hurts: Frostbite, Frostnip, and Immersion Foot
Christine Betz Hall
New adult readers learn about cold injuries from this illustrated book. Written at the fourth grade level.
SG-ED-27 • $3.00 • Softcover, 24 pp. • ISBN 1-56612-035-7

Dressing for Cold
Christine Betz Hall
New adult readers learn how to dress for cold from this illustrated book. Written at the fourth grade level.
SG-ED-28 • $3.00 • Softcover, 32 pp. • ISBN 1-56612-040-3

Family Boating: Preparing for the Emergency
Dolly Garza
Provides safety information that boaters should be aware of, especially in cold waters.
ASG-31 • Single copies free, multiple copies 30¢ each 4 pp.
**Surviving Outdoor Adventures** is a 4-volume curriculum for training young people to be safe in the outdoors and near cold water. The series provides all the materials needed to give K-12 kids lifelong good habits in outdoor safety. The materials can be used to teach one lesson, a semester, or a yearlong program. The books won a Blue Ribbon Award, National Sea Grant Week Competition.

- Written by Alaska Marine Safety Education Association staff (Marian Allen et al.) and educators from Alaska and nationwide.
- Has in-depth background for teachers.
- Includes worksheets, handouts, stories, and templates.
- Based on Alaska content standards.
- A free CD with text and illustrations comes with each volume.

Alaska Marine Safety Education Association provides assistance for teachers:
- Books, videos, and teaching kits are available for loan.
- Participants in AMSEA teacher workshops can borrow safety gear.

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**Survivor! Surviving Outdoor Adventures, Vol. 1**

A complete outdoor safety curriculum for grades K-2.

SG-ED-36 • $30.00 • Looseleaf, 326 pp.
ISBN 1-56612-073-X

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**Cold Water Safety and Survival**

**Surviving Outdoor Adventures, Vol. 2**

The latest information on cold water survival, hypothermia, and personal flotation devices for grades 3-12.

SG-ED-37 • $30.00 • Looseleaf, 342 pp. • ISBN 1-56612-074-
Teacher Resources

Land Safety and Survival
Surviving Outdoor Adventures, Vol. 3

Presents units on preparing for a land adventure, maps and compasses, and emergencies for grades 3-12.

SG-ED-38 • $30.00 • Looseleaf, 260 pp.
ISBN 1-56612-075-6

Small Boat Safety and Survival
Surviving Outdoor Adventures, Vol. 4

Includes information on preparation for a boat trip, small boat skills, and boating emergencies for grades 3-12.

SG-ED-39 • $30.00 • Looseleaf, 312 pp.
ISBN 1-56612-076-4

Tlingit Moon and Tide Teaching Resource: Elementary Level

Dolly Garza

This book brings Alaska Native understanding of science and ecology to the elementary classroom.

SG-ED-33 • $10.00 • Softcover, 72 pp.
ISBN 1-56612-060-8

or call toll free (888) 789-0090
**Life on the Beach: Among Friends and Anemones (video)**

Produced by Kurt Byers and Marilyn Sigman

Kids explore the ecology of Alaska’s rocky intertidal zone near Homer, Kodiak, and Southeast Alaska. This video features a fascinating array of coastal creatures in the intertidal zone—including barnacles, sea stars, nudibranchs, limpets, anemones, sea cucumbers, crabs, sculpins, birds, and even sea otters and a black bear. A teacher guide with fun activities for upper-level elementary students is also included. Video production is by Earthwise Media, with Alaska Sea Grant. Co-produced by Center for Alaskan Coastal Studies. Funding was also provided by the Alaska Conservation Foundation.

**M-29V (VHS) • M-29D (DVD) • $20.00 Video, 19 min.**

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**Beach Explorations: A Curriculum for Grades 5-10**

Gloria Snively

The exciting world at the edge of the sea is the focus of this richly illustrated curriculum, with pretested lessons.

**M-08 • $26.95 • Softcover, 286 pp.**

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**Beachwalk**

Madelyn Yerden-Walker

Learn how to minimize environmental damage at the beach without stifling children’s curiosity and enthusiasm.

**SG-ED-21 • Single copies free, multiple copies 15¢ each • Brochure**

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Order online at alaskaseagrant.org
Salmon Migration Game

Illustrated by David Brenner

Color illustrated, laminated game takes players through the salmon life cycle, from egg-laying to spawning. It’s a fun way to learn salmon biology, including the dangers they face from natural predators, food supply, weather, and human influence. Suitable for grades 1-4. Winner of the Gold Award in graphic design, Agricultural Communicators in Education.

SG-ED-34 • $10.00 • 21.5 x 16.5 inches, packaged in tube • ISBN 1-56612-065-9

Discovering Alaska’s Salmon:
A Children’s Activity Book

Laurel Devaney and Putt Clark

The activity book has beautiful illustrations, activities, and information on Alaska’s five salmon species. Grades 2-4.

M-13 • $5.00 • Softcover, 29 pp.

Where Is Dinah Diatom?

Rita M. O’Clair and Katherine M. Hocker

Let Dinah Diatom and her friends take you on a journey along a food chain in the sea. Ages 4-9.

M-16 • $7.95 • Softcover, 16 pp. • ISBN 0-96642-452-2

or call toll free (888) 789-0090
Steller Sea Lions: In Jeopardy (video)
Deborah Mercy
This program takes the viewer on a field trip to sea lion rookeries in remote parts of the Gulf of Alaska and Aleutian Islands.
MAPV-35 • $15.00 • VHS, 27 min.

Strategies for Pursuing a Career in Marine Mammal Science
Tells about kinds of jobs, salaries, and ways to get practical experience. Full text is online at www.marinemammalogy.org/strat.htm.
MMS • Single copies free • 12 pp.

Living Marine Habitats of Alaska
With beautiful color photographs and text, this booklet explores living seafloor habitats off the coast of Alaska.
SG-ED-43 • Single copies free, multiple copies $5.00 each • Softcover, 20 pp.

Alaska’s Steller Sea Lions
Color maps and photos help tell the story of Steller sea lion fluctuations in Alaska.
To subscribe to Alaska Seas & Coasts, a periodical on Alaska marine resources, contact fypubs@uaf.edu.
ONLINE ONLY. 12 pp.
alaskaseagrant.org/bookstore/seasandcoasts
Ocean Treasure: Commercial Fishing in Alaska
Terry Johnson

*Ocean Treasure* is a full-color book about the Alaska fishing industry. It provides an overview of the seafood industry, with color photos and drawings of fish and invertebrates and the gear used to harvest them. *Ocean Treasure* tells how to recognize fishing boats and gear, what the fish look like, and how good they taste. Visitors to Alaska whose curiosity is piqued by the fishing vessels and dock activity they see, as well as “armchair” Alaska tourists, will be rewarded by the easy-to-read, friendly text of this book. Winner of two national awards.

*SG-ED-41 • $25.00 • Softcover, 200 pp. • ISBN 1-56612-080-2*
The Bering Sea and Aleutian Islands: Region of Wonders
Terry Johnson
This richly illustrated book unveils the mystery and wonder of the vast Bering Sea region, from the shores of Alaska, along the volcanic stretch of the Aleutian Islands, to the Russian coast. Author Terry Johnson tells how the biological and physical worlds above and below the sea meld to form a complex and rich natural environment. The book also covers history, from early Russian exploration and exploitation, through the U.S. purchase of Alaska, the international struggles of World War II and the Cold War, to present-day efforts to manage the abundant natural resources. To see photos from this book, visit alaskaseagrant.org/bookstore/beringsea. Winner of several national awards.

SG-ED-42 • $25.00 • Softcover, 199 pp. • ISBN 1-56612-081-0
The Alaska Sea Week program has been cited for excellence in environmental education by the National Science Teachers’ Association. All books can easily be adapted to several grade levels and even to adult education. Alaska State Teaching Standards are addressed for each lesson.

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or call toll free (888) 789-0090
Southwestern Alaska Subsistence poster

This colorful poster, with harvest seasons for 39 subsistence plants and animals traditionally used by Yupik Natives in Southwestern Alaska, educates about Alaska Native ways that are still practiced today. The multi-agency project brings a sense of unity to Alaskans from different cultural backgrounds.

Created by artist Frankie Mercado, the poster was the winner in a graphic arts competition at the University of Alaska Fairbanks. Names of harvested species, in English and Yup’ik, were compiled by UAF students enrolled in Natural and Sociocultural Resource Studies of Southwest Alaska Fisheries. The Bristol Bay Native Association and the U.S. Fish and Wildlife Service Office of Subsistence Management sponsored the project.

**SG-ED-49 • $5.00 plus $2 handling fee per shipment • Poster, 9 x 33 inches**

Alaska’s Ocean Bounty/How to Make Fish Prints

This laminated color poster depicts 33 of Alaska’s most important seafood species. Scientifically accurate drawings are accompanied by interesting facts about each species. On the back side of the poster, illustrated instructions show how to make art prints from fish. Also makes an excellent placemat.

**SG-ED-31 (English language)**
**SG-ED-32 (Japanese language, blank on back)**

$5.00 each plus $2.00 handling per shipment

Posters, 11 x 17 inches

Common Bivalves of Alaska/Truths and Myths about PSP

This two-sided poster shows the clam, mussel, scallop, cockle, and oyster species common on Alaska’s shores, plus PSP information.

**SG-ED-30 • $2.00 plus a $2.00 handling fee per shipment • Poster, 11 x 17 inches**
Posters

Coho Salmon Life Cycle
A colorful poster showing the 2,000-mile odyssey of the Pacific silver (coho) salmon.  
**SG-ED-25** • $2.00 each plus a $2.00 handling fee per shipment • Poster, 11 x 17 inches

Marine Mammals of Alaska
Rick Steiner
This poster has line drawings and descriptions of 28 Alaska marine mammals.  
**MMP** • $3.00 each plus a $2.00 handling fee per shipment • Poster, 17 x 22 inches

Alaska Wet and Wild Poster
This beautiful, national award-winning poster features a painting by Alaska artist Susan Ogle and a resource stewardship message composed by Alaska Native leaders. Presented in English and the eastern Aleut dialect translation, it reads “Oceans are a pathway to knowledge. To prepare for the journey, we must first explore the deep silence within us.” The poster makes a wonderful gift for those who are inspired by nature, embrace wise use of ocean resources, and appreciate traditional values and wisdom of Native American cultures.  
**SG-ED-26** • $15.00 **Sale price $7.50** each plus a $2.00 handling fee per shipment • Poster, 22 x 30 inches

or call toll free (888) 789-0090
Coastal Erosion Responses for Alaska: Workshop Proceeding

Orson P. Smith (editor)

While shoreline construction in Alaska is young and unproven, Alaskans can learn from tribulations in other parts of the world. Ten articles by coastal engineering experts, in this book, address coastal processes and trends that drive shoreline retreat and coastal erosion. Topics include non-structural coastal zone management, successfully proven constructed responses, and limitations of constructed works. Coastal managers will find the information useful in making wise decisions regarding coastal erosion responses for Alaska.

AK-SG-06-03 • $10.00 • Softcover, 80 pp.
ISBN 156612-111-6

The Gulf of Alaska: Biology and Oceanography

Phillip R. Mundy (editor)

The findings of expert researchers in several disciplines have been successfully brought together in this book on the science of the Gulf of Alaska, a productive ecosystem hard hit by the 1989 oil spill. The U.S. National Research Council critiqued the core parts of this book, and rated them “excellent.” A resource guide for scientists, students, and managers working in the Gulf of Alaska. Published by Alaska Sea Grant with financial support from the Exxon Valdez Trustee Council.

AK-SG-05-01 • $25.00 • Hardcover, 214 pp.
ISBN 1-56612-090-X

Dynamics of the Bering Sea

Thomas R. Loughlin and Kiyotaka Ohtani (editors)

A valuable resource for scientists, students, and managers working in the Bering Sea and similar ecosystems worldwide. The international scientific organization PICES brought together the findings of scientists, of many disciplines and countries, to provide a perspective on physical, chemical, and biological research on the Bering Sea.

AK-SG-99-03 • $40.00 • Hardcover, 840 pp.
ISBN 1-56612-062-4

Alaska Sea Grant is famous among fisheries experts worldwide for hosting quality conferences on key fisheries issues. These low-priced proceedings and technical books are invaluable tools for researchers.
Proceedings of the Arctic Biodiversity Workshop: New Census of Marine Life Initiative
Katrin Iken and Brenda Konar (editors)
This book summarizes arctic biodiversity knowledge held by researchers of the Circumpolar North, and points out information gaps.

M-26 • $7.00 • Softcover, 164 pp. • ISBN 1-56612-083-7

The Journey to PICES: Scientific Cooperation in the North Pacific
Sara Tjossem
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Twenty-five extended abstracts on bycatch management address concerns about fish, crustacean, mammal, and turtle bycatch in fisheries.

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Seabird Bycatch: Trends, Roadblocks, and Solutions
Edward Melvin and Julia Parrish (editors)
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Research and Proceedings

Biology, Assessment, and Management of North Pacific Rockfishes
J. Heifetz, J. DiCosimo, A.J. Gharrett, M.S. Love, V.M. O’Connell, and R.D. Stanley (editors)
Rockfish species are diverse, are difficult to distinguish, and have a large and enthusiastic following in the commercial and recreational fishery. More than 100 rockfish species in the Pacific are experiencing declines, especially off the coast of California, Oregon, and Washington. This symposium proceedings, with 28 peer-reviewed research articles on rockfish biology, ecology, assessment techniques, and management strategies, promotes sustainable management and conservation on both sides of the North Pacific.
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Expected Spring 2007

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Andrew Trites et al. (editors)
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The nation’s leading authorities on Alaska’s Steller sea lions report on sea lion declines in recent decades.

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Research updates on enhancing natural crab populations fill the pages of this book, contributed by international experts. Based on worldwide cultivation studies, scientists conclude that king crab enhancement in Alaska will be worth the high expense—depleted stock can be replenished, Alaska fishermen can become employed, and a high-value seafood product can be provided. However, much research still needs to be accomplished, for example on raising food, locating the best habitats, and establishing normal densities.
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This important book standardizes Chionoecetes data collection by fisheries observers and shoreside samplers, biologists, and fishermen.
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A.J. Paul et al. (editors)
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A.J. Paul (editor)

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In Alaska, shellfish aquaculture is a rapidly expanding business—with about 60 licensed farms. These publications and videos from Alaska Sea Grant provide expert information on aquaculture for sea farmers, and on salmon ranching for hatchery operators.

Spawn, Spat, and Sprains: A Manual for Aquaculture Safety in Alaska
Jerry Dzugan and Dan Falvey
The only book on the market that tells how to reduce injury risk faced by shellfish farmers and hatchery employees at the worksite.

Guidelines for Shellfish Farming in Alaska
Brian Paust and Ray RaLonde
This manual has guidelines, strategies, and warnings about starting a shellfish farming business in Alaska and other cold-water regions.

Growing Shellfish in Alaska
Learn about growing shellfish, how to get aquatic farm permits, one oyster farmer’s road to success, and an innovative school aquaculture program.

An Alaska Salmon Ranch (video)
A narrated video showing a successful salmon enhancement program in Southeast Alaska. Neet’s Bay Salmon Hatchery, a private nonprofit hatchery, each year rears over one hundred million fish that are released into the wild. Presented by the Southern Southeast Regional Aquaculture Association and produced by John Sabella and Associates.

Salmon Farming: Boom or Bust (video)
The controversial issue of salmon farms (banned in Alaska in 1990) is addressed by scientists, homeowners, aquaculturists, politicians, and fishermen.
Our most popular videos, and most recent videos, are displayed below. Alaska Sea Grant’s video topics focus on marine safety and seafood harvesting, and also include sea lions, tidepool education, hatcheries and aquaculture, history, and resource issue discussions. See page 44 for a video index.

**Life on the Beach: Among Friends and Anemones**

Kids explore Alaska’s rocky intertidal zone. This video features coastal creatures—barnacles, sea stars, limpets, anemones, sea cucumbers, crabs, birds, and even sea otters and a black bear.

See page 24 for full description.

M-29V (VHS) • M-29D (DVD) • $20.00 • Video, 19 min.

**Cold Weather Safety and Survival**

Using this video-workbook set, learn how to prevent and treat hypothermia, cold water near-drowning, and frostbite. The tape combines MAPV-01, MAPV-02, and MAPV-17, and comes with three workbooks. A $57.00 value for $25.00.

MAPV-20 • $25.00 • Video and workbooks, 61 min.

**Sea Survival**

Shows seven steps to survival, and how to use a life raft; conserve body heat, energy, and water on a life raft; and board a rescue helicopter.

MAPV-03 • $15.00 • Video, 21 min.

**Ocean Fury: Tsunamis in Alaska**

The most powerful earthquake in U.S. history shook Alaska in 1964, generating tsunamis that killed more than 100 people and devastated several Alaska communities. Includes interviews with survivors, the science of tsunamis, and how to prepare for the next one.

See page 19 for full description.

M-25V (VHS) • M-25D (DVD) • $20.00 • Video, 25 min.

ISBN 1-56612-095-0 (VHS) • ISBN 1-56612-096-9 (DVD)

**Quality Is in Your Hands: Salmon Skiff Fishermen**

Directed by Deborah Mercy

This video was created for skiff fishermen, especially in Southwestern Alaska, to help improve the fishery product and their business.

See page 11 for full description.

MAPV-62 • $15.00 • DVD, 16 min.
Survival at Sea Series
Set includes:

A Matter of Survival, When Seconds Count, Beating the Odds, Rescues at Sea
Four marine safety DVDs in one box for a bargain price. This set is useful to all boaters on commercial and noncommercial vessels. See page 16 for full description of these videos.

MAPV-63 • $60.00 • DVD

A Matter of Survival: Liferaft Survival Packs
M-34V (VHS) • M-34D (DVD) • $20.00 • Video, 26 min

When Seconds Count: Care and Use of Immersion Suits (video)
MAPV-38 • $15.00 • VHS, 16 min.

Beating the Odds: Onboard Emergency Drills
M-24 • $20.00 • VHS, 32 min.

Rescues at Sea: A Guide to Helicopter Rescues and Dewatering Pump
M-27 • $20.00 • VHS, 24 min.

Fishing Vessel Stability: Operational Practices
Directed by Deborah Mercy
Stability problems account for 35% of all vessel losses. This film outlines nine factors that affect operational stability of small fishing vessels—proper loading, free surface effect, watertight integrity, icing, lifting loads, shifting loads, weight creep, hang-ups, and heavy seas—and suggests procedures to enhance stability and improve safety conditions. See page 17 for full description.

MAPV-63 • $20.00 • DVD, 20 min.

For information on the Alaska Resource Issues Forum videos, visit alaskaseagrant.org/bookstore/pubs/Forum-V.html. Excellent for use in high school and junior high science and social studies classes.
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