

Appendix A:

Titles included in the *Marine Science and Technology* section of Magazines for Libraries.

\$=<\$500; \$\$=\$500-\$1500; \$\$\$>\$1500.

<u>Journal Title</u>	<u>Author Archiving Rights</u>	<u>Aggregator</u>	<u>Publisher</u>	<u>Cost</u>	<u>Recommendation</u>
	Data obtained from SHERPA/RoMEO or Publisher's Website (italics)	Can journal be obtained via aggregator rather than subscription?		\$, \$\$ or \$\$\$	Abbreviated annotation from <i>Marine Science and Technology</i> section of upcoming edition of <u>Magazines for Libraries</u>
Advances in Marine Biology	Post-print		Academic	\$	A high-impact journal that is very affordable and essential to both academic and research libraries.
American Fisheries Society. Transactions	Pre-print; publisher's pdf	X	American Fisheries Society	\$	A core journal, reasonably priced in a package from the American Fisheries Society.
Annual Review of Marine Science	<i>Pre-print; post-print</i>		Annual Reviews	\$	A good choice for academic libraries that serve marine biology and

					oceanography programs.
Applied Ocean Research	Post-print	X	Pergamon	\$\$	Useful for specialized research collections with engineering interests in the marine environment.
Aquaculture	Post-print	X	Elsevier	\$\$\$	While specialized and expensive, essential for collections addressing fish and shellfish diet, life cycles and culture. Consider a consortial purchase.
Aquatic Botany	Post-print	X	Elsevier	\$\$\$	Recommended for academic collections that support botany and environmental

					studies. Consider a consortial purchase.
Aquatic Conservation	Pre-print; post-print w/embargo	X	Wiley and Sons	\$\$	Moderately expensive title recommended for academic consortia that serve aquatic, conservation, and resource management interests.
Aquatic Living Resources	Pre-print; post-print; publisher's pdf	X	EDP Sciences	\$	Affordable and appropriate for academic collections with a strong marine and fisheries focus.
Aquatic Mammals	<i>Publisher's pdf in lieu of reprint</i>	X	Western Illinois University Regional Center	\$	Inexpensive peer-reviewed journal appropriate for academic collections that support veterinary

					schools and marine mammal research.
Biological Bulletin	<i>Publisher's pdf w/12 month embargo</i>	X	Marine Biological Laboratory	\$	A core title for academic libraries collecting in experimental biology.
Botanica Marina	Pre-print	X	de Gruyter	\$\$\$	Recommended for consortia that support strong botany or marine plant programs.
Bulletin of Marine Science	Publisher's pdf for a fee	X	Rosenstiel School of Marine and Atmospheric Science	\$	Essential to those in tropical and subtropical settings, and useful to academic institutions with a global interest in marine biology.
Cahiers de Biologie Marine	<i>Author supplied with 25 offprints and pdf from publisher; no mention of archiving</i>	X	Station Biologique Roscoff	\$	Inexpensive and appropriate for academic institutions that

					support international marine biology research and education.
Canadian Journal of Fisheries and Aquatic Sciences	Pre-print; post-print; publisher's pdf w/restrictions	X	NRC Research Press	\$\$	Essential for libraries supporting any fisheries program and worth the cost.
Coastal Engineering	Post-print	X	Elsevier	\$\$\$	Only relevant for specialized research collections with engineering interests in the marine environment.
Coastal Management	Pre-print; post-print w/embargo	X	Taylor & Francis	\$\$	International in scope, moderately priced and a good addition to any library that supports research in marine policy or law of the sea.

Coastal Services	N/A		US National Oceanic and Atmospheric Administration	\$	A free US government newsletter, appropriate for public and academic collections with an audience interested in coastal issues and policy.
Continental Shelf Research	Post-print	X	Pergamon	\$\$\$	An expensive but core title for oceanography collections, although less important for biologically focused collections.

Coral Reefs	Pre-print; post-print	X	Springer	\$\$	Appropriate for academic marine science collections and possibly for environmental studies collections. Moderately expensive, so consider a single purchase within your consortia, especially as accessing the back file incurs an additional cost.
Cousteau Kids	N/A		Cousteau Society	\$	Useful for school and public libraries.
Current	<i>Not addressed in publisher website</i>		National Marine Educators Association	\$	Useful for public and academic collections that serve teachers, homeschoolers, and aquarium volunteers.

Deep-Sea Research. Part 1: Oceanographic Research Papers	Post-print	X	Pergamon	\$\$\$	Essential for any institution with a marine biology or oceanography program. Consider a single subscription within your consortium due to the expense of this title.
Deep-Sea Research. Part 2: Topical Studies in Oceanography	Post-print	X	Pergamon	\$\$\$	Essential for any institution with a marine biology or oceanography program. Due to the expense of this publication, consider a shared purchase within your consortium.
Dynamics of Atmospheres and Oceans	Pre-print w/restrictions; post-print	X	Elsevier	\$\$\$	Focused on technical aspects, appropriate for more specialized oceanography collections and given expense,

					consortial access appropriate.
Earth Interactions	<i>Pre-print w/acknowledgement</i>		American Geophysical Union	\$	Appropriate for academic libraries supporting programs examining human/earth systems.
Earth System Monitor	<i>N/A</i>		US National Oceanographic Data Center	\$	A free US government newsletter, appropriate for general audiences as well as marine scientists.
Environmental Biology of Fishes	Pre-print; post-print	X	Springer	\$\$\$	Expensive yet very useful for scholarly audiences examining complex relationships between animals and environments.

Estuaries and Coasts	<i>Not addressed in publisher website; can pay for Open Choice</i>	X	Springer	\$\$	Appropriate for academic collections with a near-shore focus or interest in environmental change.
Estuarine, Coastal and Shelf Science	Post-print	X	Academic	\$\$\$	An important part of any marine science collection, but expensive enough that a single copy should be purchased within your consortium.
Explorations (La Jolla)	N/A		Scripps Institution of Oceanography	\$	Appropriate for middle school audiences and academic collections supporting undergraduate marine programs.

Fish and Fisheries	Pre-print; post-print w/embargo	X	Wiley-Blackwell	\$\$	Becoming essential to programs with a focus on science and management issues.
Fisheries	Pre-print; publisher's pdf	X	American Fisheries Society	\$	Inexpensive and useful for broad fisheries collections as an overview to US issues and science.
Fisheries Management and Ecology	Pre-print; post-print w/embargo	X	Wiley-Blackwell	\$\$	Nice to have, especially for those interested in conservation, but not essential given the price.
Fisheries Oceanography	Pre-print; post-print w/embargo	X	Wiley-Blackwell	\$\$	Moderately expensive, but a core journal for collections that serve a fisheries program.

Fisheries Research	Pre-print; post-print	X	Elsevier	\$\$\$	An important resource for fishery scientists and economists as well as policy makers, but expensive so consider a consortial purchase.
Fishery Bulletin	DOAJ	X	U.S. National Marine Fisheries Service	\$	Free US government publication useful for collections supporting general fisheries science and management programs.
G3: Geochemistry, Geophysics, Geosystems	<i>Pre-print w/acknowledgement</i>	X	American Geophysical Union	\$	A priority title in <i>GeoRef</i> proving of interest to a broad geology/geophysics audience.
Geo-Marine Letters	Pre-print; post-print	X	Springer	\$\$	Specialized and useful primarily to programs supporting geologists.

Geophysical Research Letters	Pre-print; post-print; publisher's pdf w/restrictions	X	American Geophysical Union	\$\$\$	A priority title in <i>GeoRef</i> and essential for geophysics collections, yet expensive in AGU's package.
Global and Planetary Change	Post-print	X	Elsevier	\$\$\$	Expensive, but useful for a variety of academic institutions, particularly those with environmental studies and oceanography programs.
Global Biogeochemical Cycles	Pre-print; post-print and publisher's pdf after 6 months	X	American Geophysical Union	\$	An essential and affordable part of academic library collections that support oceanography and environmental studies programs.

Harmful Algae	Post-print	X	Elsevier	\$	Reasonably priced and appropriate for libraries that support research in marine science and botany, as well as those that serve an extensive environmental studies program.
ICES Journal of Marine Science: journal du conseil	<i>Pre-print; publisher's pdf w/acknowledgement</i>	X	Oxford	\$\$	Moderately priced and an essential title for marine science research collections.
IEEE Journal of Oceanic Engineering	Pre-print; post-print and publisher's pdf	X	IEEE	\$	More important and far more affordable than <i>Ocean Engineering</i> to both engineering and oceanographic collections.

Invertebrate Biology	Pre-print; post-print w/embargo	X	Wiley-Blackwell	\$	Covering all aspects of invertebrate biology this is a solid choice for libraries supporting a marine biology program.
Journal of Atmospheric and Oceanic Technology	Pre-print; post-print	X	American Meteorological Society	\$	Useful for atmospheric science collections.
Journal of Cetacean Research and Management	<i>Author receives publisher's pdf in lieu of reprints</i>		International Whaling Commission	\$	Global in scope and affordable. Essential to all marine science collections.
Journal of Coastal Research	Neither pre-print nor post-print allowed	X	Coastal Education and Research Foundation	\$	A solid choice for libraries with marine and geosciences collections although slightly expensive.

Journal of Experimental Marine Biology and Ecology	Post-print	X	Elsevier	\$\$\$	Of interest to marine ecologists, physiologists and biochemists. Appropriate for academic institutions with marine biology, oceanography and ecology programs. Purchase it as a consortium.
Journal of Fish Biology	Pre-print; post-print w/embargo	X	Wiley-Blackwell	\$\$\$	Somewhat limited scope, so useful but not essential given price.
Journal of Geophysical Research - Oceans	Pre-print; post-print and publisher's pdf w/restrictions	X	American Geophysical Union	\$\$	Relatively expensive, but crucial to programs supporting marine geology and volcanology.
Journal of Marine Research	<i>Not addressed in publisher's website</i>	X	Sears Fndtn. For Marine Research	\$	Global in scope and affordable. Appropriate for all marine science collections.

Journal of Marine Science and Technology	Pre-print; post-print	X	Springer	\$	Inexpensive, but appropriate only for libraries that support marine engineering studies.
Journal of Marine Systems	Post-print	X	Elsevier	\$\$\$	Expensive, but appropriate for research oceanography collections, especially those with a physical emphasis.
Journal of Oceanography	Pre-print; post-print	X	Springer	\$\$	Moderately expensive, and useful mostly for oceanography collections that support research in the Pacific.
Journal of Phycology	Pre-print; post-print w/restrictions	X	Wiley-Blackwell	\$\$	Core for any academic or special collection supporting basic or applied algae research.

Journal of Physical Oceanography	Post-print	X	American Meteorological Society	\$\$	An inexpensive, high-impact core journal for all academic libraries that serve an oceanography program.
Journal of Plankton Research	Pre-print; post-print w/embargo	X	Oxford	\$\$	A useful title for biological oceanography research collections, but moderately expensive. A single purchase within your consortium is recommended.
Journal of Sea Research	Post-print	X	Elsevier	\$\$	Affordable and appropriate for research collections in the marine sciences with an international focus

Journal of Shellfish Research	<i>Not addressed in publisher's website</i>	X	National Shellfisheries Association	\$	Essential for shellfish research programs and inexpensive.
Journal of Waterway, Port, Coastal, and Ocean Engineering	Post-print w/embargo	X	American Society of Civil Engineers	\$	Reasonably priced, essential for engineering collections with an interest in the marine and aquatic environments.
Limnology and Oceanography	Post-print	X	American Society of Limnology and Oceanography	\$\$	A top-ranking journal and essential for any academic institution with a marine biology or oceanography program.
Limnology and Oceanography: Methods	<i>Post-print w/permission</i>	X	American Society of Limnology and Oceanography	\$\$	Packaged with <i>L&O</i> , becoming more valuable to its audience.

Marine & Freshwater Research	Pre-print; post-print	X	CSIRO Publishing	\$\$\$	Recommended for academic libraries that support marine or aquatic-based programs.
Marine and Coastal Fisheries	Pre-print; publisher's pdf	FREE	American Fisheries Society	\$	A free, peer-reviewed online journal that is a good choice for all library collections that support a marine biology or fisheries program.
Marine Biodiversity Records	<i>Author supplied publisher's pdf in lieu of reprints</i>	X	Cambridge University Press	\$\$	Welcome outlet for short reports, but expensive as a bundle with <i>JMBA</i> .
Marine Biological Association of the United Kingdom. Journal.	<i>Pre-print or publisher's pdf</i>	X	Cambridge University Press	\$\$	Moderately priced and appropriate for all academic research libraries with a marine biology program.

Marine Biology	Pre-print; post-print	X	Springer	\$\$\$	Broadly focused journal essential to every marine science collection, but its high cost may dictate a shared purchase with another institution.
Marine Biology Research	Pre-print; post-print w/embargo	X	Taylor & Francis	\$	Affordable and a core title in academic and research institutions with marine biology or oceanography collections.
Marine Biotechnology	Pre-print; post-print	X	Springer	\$\$	A moderately priced but top-ranked journal appropriate for libraries that support marine biology and molecular biology research and advanced undergraduate

					studies.
Marine Chemistry	Post-print	X	Elsevier	\$\$\$	Appropriate for academic collections that support a research program in marine chemistry or oceanography, but expensive enough to warrant a single purchase within a consortium.
Marine Ecology Progress Series	Post-print; publisher's pdf with fee to waive embargo	X	Inter-Research	\$\$\$	Very expensive, yet a core title for libraries supporting teaching and research in environmental studies and marine biology. Consider a single

					copy for your consortium.
Marine Environmental Research	Post-print	X	Elsevier	\$\$\$	Moderately expensive, but useful for extensive marine science collections.
Marine Fisheries Review	N/A	X	US National Marine Fisheries Service	\$	Appropriate for all collections with an applied fisheries focus.
Marine Geodesy	Pre-print; post-print w/embargo	X	Taylor & Francis	\$\$	A relevant, modestly priced yet probably underutilized addition to research collections that support field-based oceanography

					programs.
Marine Geology	Post-print	X	Elsevier	\$\$\$	A core, but expensive, title for geologic oceanography collections, so consider a collaborative purchase with partner libraries.
Marine Geophysical Researches	Pre-print; post-print	X	Springer	\$\$	Affordable publication of interest to geologists and oceanographers and recommended for academic and research libraries that support these types of programs.

Marine Georesources and Geotechnology	Pre-print; post-print w/embargo	X	Taylor & Francis	\$\$	Affordable and useful for academic collections with marine engineering and applied geology programs.
Marine Mammal Science	Pre-print; post-print w/embargo	X	Wiley-Blackwell	\$	An inexpensive and a core title for libraries that serve a marine biology major.
Marine Policy	Post-print	X	Pergamon	\$\$	Moderately expensive, but a core title for academic collections with a marine policy or management component.

Marine Pollution Bulletin	Post-print	X	Elsevier	\$\$\$	A top-ranked journal appropriate for academic and research collections that support environmental science, marine management, and biological oceanography programs. Moderately expensive, so consider a single copy within your consortium.
Marine Technology Society Journal	Neither pre-print nor post-print allowed	X	Marine Technology Society	\$	A reasonably priced title for general collections that serve an audience with marine interests, as well as for academic collections that support broad marine programs.

Mariners Weather Log	N/A	FREE ONLINE	US Department of Commerce	\$	Not a core title, but a nice addition to both public and academic libraries.
Ocean & Coastal Management	Post-print	X	Pergamon	\$\$\$	A core title for academic collections with marine policy and management aspects, but it is expensive enough to warrant access through a consortial purchase.
Ocean Development and International Law	Pre-print; post-print w/embargo	X	Taylor & Francis	\$\$	Affordable and appropriate for libraries that support programs in aquaculture, resource management, and environmental law.

Ocean Engineering	Post-print	X	Pergamon	\$\$\$	Appropriate for specialized marine and engineering collections as interest in marine renewable energy increases, but it is very expensive.
Oceanography	Post-print w/permission	FREE ONLINE	Oceanographic Society	\$	An excellent choice for a college or public library for its general science collection.
Oceanography and Marine Biology	<i>General info from Taylor & Francis: Pre-print; post-print w/embargo</i>		Taylor & Francis	\$	This is an extremely affordable and essential element in any library that supports marine biology or environmental studies undergraduate education.

Oceanus	DOAJ	X	Woods Hole Oceanographic Institution	\$	Very affordable, and useful for general public collections as well as for high schools and academic institutions
Paleoceanography	Pre-print, post-print; and publisher's pdf after 6 months	X	American Geophysical Union	\$\$	This moderately expensive journal addresses changes on a regional or global scope and is useful to consortia supporting paleontology programs.
Progress in Oceanography	Post-print	X	Pergamon	\$\$\$	Belongs in libraries that support oceanography programs, and will be of interest to physical and chemical oceanographers as well as marine biologists. Due to

					the expense of this title, a single copy should be purchased by collaborating libraries.
Remote Sensing of Environment	<i>Pre-print; post-print</i>	X	Elsevier	\$\$\$	Expensive, so only useful for specialized programs needing satellite and air photography techniques.
Reviews in Fish Biology and Fisheries	Pre-print; post-print	X	Springer	\$\$	Appropriate for many audiences and a solid choice if somewhat expensive.
Sea Technology	<i>N/A</i>	X	Compass Publishing, Inc.	\$	Very inexpensive and appropriate for a general audience with technical and engineering

					interests.
Tellus: Series A	<i>Pre-print w/acknowledgement; publisher's pdf after 12 month embargo</i>	X	Wiley- Blackwell	\$	Good for libraries serving a combination of atmospheric scientists and oceanographers.