

MARINE SCIENCE AND TECHNOLOGY

articles. It is targeted at executives, and content is weighted toward successful practices of innovative companies. Articles that advance strategic management theory are given significant consideration as well. Additional informative content includes interviews with executives and academics, book reviews, and "Quick Takes," which present the key points and action steps of the feature articles. The clear and concise formatting of this journal is useful for time-challenged academics and executives, and even multi-tasking students. Recommended for academic libraries that support business programs. URL: www.emeraldinsight.com/journals

MARINE SCIENCE AND TECHNOLOGY

General Interest/Marine Biology/Marine Policy/Marine Technology/Ocean Science
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Introduction

People of all ages are intrigued by the ocean and its inhabitants, dynamics, and future. Our knowledge grows, but we change the ocean as we use its resources, thus creating environmental problems and management challenges. When this volume of MFL is published, the Gulf of Mexico will still not have recovered from the Deepwater Horizon oil spill. Also, ocean acidification is a growing problem. Corals reefs are dying due to rising ocean temperatures. Global warming and the sea level's rising; the Pacific Garbage Patch; the collapse of fisheries; endangered marine mammals; hypoxic zones—the list goes on. Periodicals are one place in which people look for the latest research as well as creative solutions to this list of challenges. However, there is a dearth of quality, focused marine science titles for the general public. National Geographic, Scientific American, and other general science and environmental periodicals are valuable resources. These, combined with the general interest titles listed in this section, provide a solid and affordable collection for public and school libraries.

For the academic and scientific audiences, the literature is multidisciplinary, interdisciplinary, and highly specialized. The needs of the audience, the library's budget, and consortial affiliations should shape the local collection. A university with a marine engineering program will need different journals than does one that teaches only marine biology or than does a high school library attempting to cover all of the sciences. Even the core academic collection, once simple to identify, eludes us as more specialized titles emerge, prices increase, and new topics develop. Librarians need to take particular care in marine science to delineate the scope of their collection. Such considerations include geographic focus, discipline segmentation, teaching needs, and research requirements. Breadth and depth are possible in a marine science collection, but at a high cost that is typical of publications in many scientific fields. Inflating journal prices make it virtually impossible for a single library to acquire all the core journals necessary to support a marine biology curriculum and research, so cooperative collaboration with other libraries in collection development is the answer. As well, when faced with a choice between journals, libraries and researchers should choose an option that allows the author to retain copyright. All journals in this list are "Green" publishers in the Sherpa Romeo classification, unless otherwise noted.

Identifying marine science information is also challenging because one index does not cover the field comprehensively. Web of Science provides adequate general access, but it is expensive. For the subfields of oceanography, the academic librarian will need access to resources such as SciFinder Scholar (Chemical Abstracts) or GeoRef, depending on the research question. Biosis and Zoological Record cover the biological aspects well, but they have considerable overlap. Aquatic Science and Fisheries Abstracts (ASFA) historically has been an essential resource for the applied science of the marine and estuarine environments. However, its timeliness and the consistency of its coverage have diminished in recent years. An alternative is Fish, Fisheries and Aquatic Biodiversity Worldwide.

3892. Explorations (La Jolla). Formed by the 1992 merger of: Scripps Institution of Oceanography Associates. Newsletter: (1983-1992); Scripps Institution of Oceanography. Annual Report: Which was formerly (1977-1983); Scripps Institution of Oceanography (Year): (until 1978); S I O Scripps Institution of Oceanography: (until 1976); Scripps Institution of Oceanography. Annual Report: (1971-1972); S I O: A Report on the Work and Programs of Scripps Institution of Oceanography. [ISSN: 1075-2560] 1994. q. Free. Ed(s): Nan P Cruiqui. Scripps Institution of Oceanography, Technical Publications Office, University of California at San Diego, 9500 Gilman Dr, La Jolla, CA 92093-0233; techpubs@slu.uscd.edu. Illus. Circ: 18000. Aud.: Ems, Hs, Ga.

This e-magazine serves as an outreach tool for UC San Diego's Scripps Institution of Oceanography. The content reflects the breadth of their marine research, both geographically and topically. A special section, "Voyager for Kids," features stories and activities for school-age children. The digital archive is complete for print issues, but the electronic version is not archived. Appropriate for middle school audiences and academic collections with a strong undergraduate marine program. Electronic only. URL: http://explorations.uscd.edu/Archives/

3893. Mariners Weather Log. [ISSN: 0025-3367] 1957. 3x/yr. USD 19 domestic; USD 26.60 foreign. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Weather Service, 1325 East West Hwy, Silver Spring, MD 20910; http://www.nws.noaa.gov. Illus., index. Vol. ends: Dec. Indexed: A22, AmStI, IUSGP, M&GPA, OceAb. Aud.: Ga, Ac, Sa.

This inexpensive print publication from the National Weather Service (NWS) is also freely available online. Articles address weather forecasting, marine weather phenomena, and news from over 10,000 ships involved in the NWS Voluntary Observing Program. The meteorological content will be of interest to the maritime community, including marine institutions, scientists, and educational and research facilities. This is not a core title, but a nice addition to both public and academic libraries. Available in print and electronically. URL: www.vos.noaa.gov/mwl.shtml

3894. Oceanography. [ISSN: 1042-8275] 1988. q. Free to members. Ed(s): Ellen S Kappel. Oceanography Society, 1931, Rockville, MD 20849-1931; anne@ccpo.odu.edu; http://tos.org/. Illus., adv. Refereed. Circ: 2000 Paid. Vol. ends: No. 4. Indexed: M&GPA, OceAb, ZooRec. Bk. rev.: 2, 1,000 words, signed. Aud.: Ga, Ac, Sa.

This title presents a range of research, technological developments, book reviews, and current events of interest to the broad community of scientists and managers involved with ocean science. Written for an informed and knowledgeable audience, it is highly readable, with strong supporting illustrations. Issues frequently focus on a special topic such as ocean modeling or climate change. Selected articles and features are freely available at the Oceanography Society's web site, including a recent issue on marine renewable energy. This is an excellent choice for a college or public library for its general science collection. Available in print and electronically via password. An Open Access white publisher.

3895. Oceanus: reports on research at the Woods Hole Oceanographic Institution. Incorporates in 1994: Woods Hole Oceanographic Institution. Reports on Research. [ISSN: 0029-8182] 1952. 3x/yr. USD 8. Ed(s): Laurence Lippsett. Woods Hole Oceanographic Institution, 266 Woods Hole Rd, Woods Hole, MA 02543; information@whoi.edu; http://www.whoi.edu. Illus., index, adv. Refereed. Vol. ends: No. 2. Microform: PQC. Indexed: A01, A22, EnvInd, M&GPA, MASUSE, OceAb, P02. Aud.: Hs, Ga, Ac, Sa.

The Woods Hole Oceanographic Institution (WHOI), one of the world's premier marine research organizations, resumed publication of this title in 2004, both in print and online. Articles by WHOI scientists and science writers report on current research, expeditions, and marine issues. Topics range from intertidal animals to oceanographic instrumentation. Short news items are interspersed with two- or three-page articles. All are profusely illustrated. The online version has additional features such as video and digital photos. This journal is very affordable, and useful for general public collections as well as for high schools and academic institutions. Available in print or electronically for free. URL: www.oceanusmag.com

Marine Biology
3896. Advances in Marine Biology. [ISSN: 0065-2881] 1963. irreg. USD 177 per vol. Ed(s): David W Sims. Academic Press, 3251 Riverport Ln, Maryland Heights, MO 63043; JournalCustomerService-usa@elsevier.com; http://www.elsevier.com. Index. Refereed. Indexed: A01, A22, ApEcolAb, ExcerptMed, OceAb, ZooRec. Aud.: Ac.

This publication provides in-depth, timely review articles on a wide range of topics in marine biology, fisheries science, ecology, zoology, and oceanography. One to three volumes are published annually, with some volumes containing three or four review articles on unrelated topics, while others focus on a theme such as aquatic geomicrobiology or biogeography of the oceans. A high-impact journal that is very affordable and essential to both academic and research libraries. Available in print only.

American Fisheries Society. Transactions. See Fish, Fisheries, and Aquaculture section.

3897. Annual Review of Marine Science. [ISSN: 1941-1405] 2008. a. USD 219. Ed(s): Stephen J Giovannoni, Craig A Carlson. Annual Reviews, PO Box 10139, Palo Alto, CA 94303; service@annualreviews.org; http://www.annualreviews.org. Indexed: AnBeAb, ApEcolAb, ForAb, HortAb, M&GPA, OceAb, S&F. Aud.: Ac.

Launched in 2009, this affordable journal features the quality review articles we have come to expect from all Annual Review titles. This publication covers a range of emerging marine topics such as ocean physics, biology, chemistry, and geology. The most frequently downloaded articles during the past 12 months focus on hot topics in marine science such as ocean acidification, bioluminescence, and larval dispersal. A good choice for academic libraries that serve marine biology and oceanography programs. Available in print or electronically. An Open Access yellow publisher.

Aquaculture. See Fish, Fisheries, and Aquaculture section.

3898. Aquatic Botany. [ISSN: 0304-3770] 1975. 8x/yr. EUR 1580. Ed(s): Jan Vermaat, Dr. G Bowes. Elsevier BV, Radarweg 29, PO Box 211, Amsterdam, 1000 AE, Netherlands; JournalsCustomerServiceEMEA@elsevier.com; http://www.elsevier.nl. Illus., index, adv. Refereed. Vol. ends: No. 4. Microform: PQC. Indexed: A01, A22, ApEcolAb, BioIAb, CABA, EnvInd, FPA, ForAb, HortAb, OceAb, S&F, SWRA, WAE&RSA. Bk. rev.: 1-2, 1,000-3,000 words; signed. Aud.: Ac, Sa.

This publication focuses on structure, function, dynamics, and classification of aquatic and marine plant communities. Coverage is split between freshwater and salt/brackish water, with a strong interest in various types of wetlands. While highly specialized, it is recommended for academic collections that support botany and environmental studies. This title is moderately expensive, so consider purchasing a single subscription within your consortium. Available in print or electronically.

3899. Aquatic Conservation: marine and freshwater ecosystems. [ISSN: 1052-7613] 1991. 7x/yr. GBP 695. Ed(s): John M Baxter, Philip Boon. John Wiley & Sons Ltd., The Atrium, Southern Gate, Chichester, PO19 8SQ, United Kingdom; customer@wiley.co.uk; http://www.wiley.com. Illus., adv. Sample. Refereed. Vol. ends: No. 4. Microform: PQC. Reprint: PSC. Indexed: A22, Agr, ApEcolAb, BioIAb, CABA, EnvInd, FPA, ForAb, HortAb, IndVet, OceAb, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, WRCInf, ZooRec. Bk. rev.: 3, 500-1,000 words. Aud.: Ac, Sa.

Practical management issues and more basic considerations of the biology and ecology of freshwater, brackish, and saltwater environments are examined. Topics are wide-ranging, for example: effect of invasive species on habitats; questions of management and resource use; species distribution; and habitat modeling for conservation ends. Special issues appear annually, usually as supplements, and address issues such as wetlands management. This

moderately expensive title is recommended for academic consortia that serve aquatic, conservation, and resource management interests. Available in print or electronically. An Open Access yellow publisher.

**3900. Aquatic Living Resources: international journal devoted to aquatic resources.** Incorporates: *Revue des Travaux de l'Institut des Pêches Maritimes*; Formerly (until 1987): *Aquatic Living*; *I F R E M E R. Revue des Travaux*. [ISSN: 0990-7440] 1928. q. EUR 391 combined subscription domestic (print & online eds.); EUR 404 combined subscription in the European Union (print & online eds.); EUR 439 combined subscription elsewhere (print & online eds.). E D P Sciences, 17 Ave du Hoggar, Parc d'Activités de Courtabouef, BP 112, Les Ulis, F-91944, France; subscribers@edpsciences.org; <http://www.edpsciences.org>. Illus. Referred. Circ: 950. Indexed: A01, A22, BiolAb, C&ISA, CABA, CerAb, HortAb, IAA, IndVet, OceAb, PollutAb, S&F, SWRA, VB, WAE&RSA, ZooRec. Aud.: Ac.

Fisheries science, aquaculture, aquatic botany, and ecology are the primary focus of this title. Coverage is worldwide, with a non-North American bias. Research papers and shorter notes address resource biology as it relates to management and exploitation of those resources. Typically, one of the four issues per volume is dedicated to a special issue, such as an ecosystem approach to fisheries or fish stock assessments; and the full text of many of these special issues is freely available online. Affordable and appropriate for academic collections with a strong marine and fisheries focus. Available in print or electronically. URL: [www.alf-journal.org/](http://www.alf-journal.org/)

**3901. Aquatic Mammals.** [ISSN: 0167-5427] 1972. 3x/yr. USD 190 (Individuals, USD 95). Ed(s): Jeanette Thomas. Western Illinois University Regional Center, 3561 60th St, Moline, IL 61265. Illus. Referred. Circ: 300. Vol. ends: No. 3. Indexed: A01, A22, BiolAb, OceAb, ZooRec. Bk. rev.: 1, 1,000 words. Aud.: Ac, Sa.

The International Association for Aquatic Mammals, the Alliance of Marine Mammals Parks and Aquariums, and the International Marine Animal Trainers' Association share a strong interest in the husbandry, care, and conservation of aquatic mammals. Articles reflect this interest, covering health issues and human interactions as well as basic life history of various species. They vary in length from brief observations of behavior to in-depth descriptions of diseases. The journal focuses more on medicine and care than *Marine Mammal Science*. Another of the few titles that address marine mammals. This inexpensive peer-reviewed journal is appropriate for academic collections that support veterinary schools and marine mammal research. Available in print, on CD, or electronically.

**Biological Bulletin.** See Zoology section.

**3902. Botanica Marina.** [ISSN: 0006-8055] 1957. bi-m. EUR 1289; USD 1841; EUR 1483 combined subscription (print & online eds.). Ed(s): A R O Chapman. Walter de Gruyter GmbH & Co. KG, Genthiner Str 13, Berlin, 10785, Germany; info@degruyter.com; <http://www.degruyter.de>. Illus., index, adv. Sample. Referred. Circ: 350 Paid. Reprint: PSC. Indexed: A01, A22, ApEcolAb, BiolAb, CABA, DSA, E01, FPA, ForAb, HortAb, IBR, IBZ, IndVet, OceAb, RRTA, S&F, SWRA, VB, ZooRec. Aud.: Ac, Sa.

This journal is global in scope, but expensive. Covering basic research in marine botany, microbiology, and mycology for scientists at the university level, it includes work on taxonomy and basic biology, as well as on the utilization of marine plants and algae. It differs from *Aquatic Botany*, which focuses on aquatic plant communities. *Botanica Marina* is accredited with the International Association for Plant Taxonomy for the registration of new names of algae and fungi (including fossils). Recommended for consortia that support strong botany or marine plant programs. Available in print and electronically. An Open Access yellow publisher.

**3903. Bulletin of Marine Science.** Formerly (until 1964): *Bulletin of Marine Science of the Gulf and Caribbean*. [ISSN: 0007-4977] 1951. bi-m. USD 465 (print & online eds.) Individuals, USD 200 (print & online eds.) Ed(s): Su Sponaugle. Rosenstiel School of Marine and Atmospheric Science, 4600 Rickenbacker Causeway, Miami, FL

33149-1098; bms@rsmas.miami.edu; <http://www.rsmas.miami.edu/bms/>. Referred. Circ: 1000 Paid. Indexed: A01, A22, AnBeAb, ApEcolAb, BiolAb, CABA, EnvInd, ForAb, HortAb, IBR, IBZ, IndVet, M&GPA, OceAb, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, ZooRec. Bk. rev.: 3, 300 words, signed. Aud.: Ac.

A geographic focus on the Gulf of Mexico and Caribbean provides the context for contributions on varied aspects of marine biology. Those involved with research in tropical and subtropical oceans will find this journal useful, as it covers marine science in its broadest sense, including both science and management. Essential to those in tropical and subtropical settings, and useful to academic institutions with a global interest in marine biology. Inexpensive, and available in print and electronically.

**3904. Cahiers de Biologie Marine.** [ISSN: 0007-9723] 1960. q. EUR 226.89 domestic; EUR 222.22 foreign. Ed(s): Bernard Kloareg. Station Biologique de Roscoff, Place Georges Teissier, BP 74, Roscoff, Cedex 29682, France; [jouin@sb-roscoff.fr](mailto:jouin@sb-roscoff.fr); [http://www.sb-roscoff.fr/cbminiro\\_eng.html](http://www.sb-roscoff.fr/cbminiro_eng.html). Illus., adv. Referred. Circ: 400. Indexed: A22, BiolAb, CABA, FPA, ForAb, HortAb, IBR, IBZ, IndVet, OceAb, S&F, SWRA, WAE&RSA, ZooRec. Aud.: Ac.

This title covers all aspects of biological oceanography and the biology of marine organisms, with a geographic bias toward the eastern Atlantic Ocean and the Mediterranean Sea. There is particular interest in the biology of species near shore. Inexpensive and appropriate for academic institutions that support international marine biology research and education. Available in print and electronically.

**Canadian Journal of Fisheries and Aquatic Sciences.** See Fish, Fisheries, and Aquaculture section.

**3905. Coral Reefs.** Formerly: *International Society for Reef Studies Journal*. [ISSN: 0722-4028] 1982. 4x/yr. EUR 1131 (print & online eds.). Ed(s): Barbara E Brown. Springer, Tiergartenstr 17, Heidelberg, 69121, Germany. Adv. Referred. Microform: PQC. Reprint: PSC. Indexed: A22, Agr, BiolAb, E01, OceAb, PollutAb, SWRA, ZooRec. Aud.: Ac, Sa.

The International Society for Reef Studies produces this journal as a focal point for all aspects of reef-related research. Given the recent focus on coral reefs as indicators of problems in the marine environment, articles cover a wide time frame and geographic range. One aim of the journal is to emphasize the importance of experimentation, modeling, quantification, and applied science in reef studies. This title is 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. Available in print and electronically.

**3906. Deep-Sea Research, Part 2: Topical Studies in Oceanography.** Supersedes in part (in 1992): *Deep-Sea Research, Part A, Oceanographic Research Papers*; Which was formerly (until 1978): *Deep-Sea Research*; (until 1979): *Deep-Sea Research and Oceanographic Abstracts*; (until 1962): *Deep-Sea Research*. [ISSN: 0967-0645] 1993. 26x/yr. EUR 3973. Ed(s): John D Milliman. Pergamon, The Blvd, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom; JournalsCustomerService@elsevier.com; <http://www.elsevier.com>. Sample. Referred. Microform: PQC. Indexed: A01, A22, ApEcolAb, C&ISA, CerAb, EngInd, IAA, M&GPA, OceAb, ZooRec. Aud.: Ac, Sa.

Topical issues of this journal include results of international or interdisciplinary projects and collections of conference papers. Recent examples of thematic issues include drifting sea ice and habitats of the Mid-Atlantic Ridge. Issues frequently have non-text supporting materials (numerical data, images, and video), which are made available electronically. Along with its companion journal, *Deep-Sea Research, Part 1: Oceanographic Research Papers*, this title is 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. Available in print or electronically.

**Environmental Biology of Fishes.** See Fish, Fisheries, and Aquaculture section.

**3907. Estuaries and Coasts.** Former titles (until 2006): *Estuaries*; (until 1978): *Chesapeake Science*; (until 1960): *Maryland Tidewater News*. [ISSN: 1559-2723] 19???. bi-m. EUR 347 (print & online eds.). Ed(s): Carlos Duarte, J Cloern. Springer New York LLC, 233 Spring St, New York, NY 10013; [journals@springer-ny.com](mailto:journals@springer-ny.com); <http://www.springer.com>. Illus., index, adv. Referred. Circ: 1800. Vol. ends: No. 4. Microform: MIM; PQC. Reprint: PSC. Indexed: A22, Agr, AnBeAb, ApEcolAb, BiolAb, CABA, E01, ForAb, HortAb, IndVet, M&GPA, OceAb, PollutAb, RRTA, S&F, SWRA, VB, WRCInf, ZooRec. Bk. rev.: 2, 500 words. Aud.: Ac.

*Estuaries and Coasts* (formerly *Estuaries*) is more limited but also less expensive than *Estuarine, Coastal and Shelf Science*. It contains articles on research relating to physical, chemical, geological, or biological systems of habitats within the ocean/land interface. Recent articles explore the evolution of tidal creeks and wetlands, restoration models, and food resources for sturgeon. Appropriate for academic collections with a near-shore focus or interest in environmental change. Reasonably priced, and available in print and electronically.

**3908. Estuarine, Coastal and Shelf Science.** Formerly (until 1981): *Estuarine and Coastal Marine Science*. [ISSN: 0272-7714] 1973. 20x/yr. EUR 3512. Ed(s): D S McClusky, I Valiela. Academic Press, 32 Jamestown Rd, Camden, London, NW1 7BY, United Kingdom; [corporatesales@elsevier.com](mailto:corporatesales@elsevier.com); <http://www.elsevier.com/>. Illus., index, adv. Sample. Referred. Vol. ends: No. 6. Reprint: PSC. Indexed: A01, A22, ApEcolAb, BiolAb, C&ISA, CABA, CerAb, E01, EnvInd, FPA, ForAb, HortAb, IAA, IndVet, M&GPA, OceAb, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, WRCInf, ZooRec. Aud.: Ac.

This title provides a focused forum that deals with the study of estuaries, coastal zones, and continental shelf seas. *Estuarine, Coastal and Shelf Science* is both international and multidisciplinary, and presents research conducted from the upper limits of the tidal zone to the outer edge of the continental shelf. The scope of this journal includes research on the wide range of biological, anthropogenic, physical, and meteorological influences that come to play within estuaries and coasts. This journal is an important part of any marine science collection, but expensive enough that a single copy should be purchased within your consortium. Available in print and electronically.

**Fish and Fisheries.** See Fish, Fisheries, and Aquaculture section.

**Fisheries.** See Fish, Fisheries, and Aquaculture section.

**Fisheries Management and Ecology.** See Fish, Fisheries, and Aquaculture section.

**3909. Fisheries Oceanography.** [ISSN: 1054-6006] 1992. bi-m. GBP 705. Ed(s): Dr David Checkley, Jr. Wiley-Blackwell Publishing Ltd., 9600 Garsington Rd, Oxford, OX4 2DQ, United Kingdom; [customerservices@blackwellpublishing.com](mailto:customerservices@blackwellpublishing.com); <http://www.wiley.com/>. Adv. Sample. Referred. Microform: PQC. Reprint: PSC. Indexed: A01, A22, BiolAb, E01, M&GPA, OceAb, ZooRec. Aud.: Ac.

This journal, from the Japanese Society of Fisheries Oceanography, is global in scope and offers a forum for the exchange of information among fisheries scientists worldwide. Typical articles may examine entire food chains, recruitment and abundance of fish species, and dynamics of fish populations. This is a highly ranked journal for a field that has gained repute in the past decade. Moderately expensive, but a core journal for collections that serve a fisheries program. Available in print or electronically. An Open Access yellow publication.

**Fisheries Research.** See Fish, Fisheries, and Aquaculture section.

**Fishery Bulletin.** See Fish, Fisheries, and Aquaculture section.

**3910. Harmful Algae.** [ISSN: 1568-9883] 2002. 6x/yr. EUR 437. Ed(s): Theodore Smayda, Dr Sandra E Shumway. Elsevier BV, Radarweg 29, PO Box 211, Amsterdam, 1000 AE, Netherlands; JournalsCustomerService@elsevier.com; <http://www.elsevier.nl>. Indexed: A01, BiolAb, CABA, FS&TA, ForAb, HortAb, IndVet, OceAb, RRTA, S&F, VB, WAE&RSA, ZooRec. Aud.: Sa.

This title provides a forum for information on harmful microalgae and cyanobacteria in both fresh and marine waters. It focuses on the life histories, physiology, toxicology, monitoring, and management of blooms, and includes both original research and reviews. This journal is 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. Available in print or electronically.

**3911. I C E S Journal of Marine Science: journal du conseil.** Former titles (until 1991): *Conseil International pour l'Exploration de la Mer. Journal*; (until 1968): *Conseil Permanent International pour l'Exploration de la Mer. Journal*; (until 1926): *Conseil Permanent International pour l'Exploration de la Mer. Publications de Circumstance*. [ISSN: 1054-3139] 1903. 9x/yr. GBP 719. Ed(s): Andrew I L Payne, Panayiota Apostolaki. Oxford University Press, Great Clarendon St, Oxford, OX2 6DP, United Kingdom; [enquiry@oup.co.uk](mailto:enquiry@oup.co.uk); <http://www.oxfordjournals.org>. Adv. Sample. Referred. Reprint: PSC. Indexed: A01, A22, BiolAb, C&ISA, CABA, CerAb, E01, EnvInd, FS&TA, HortAb, IAA, IBR, IBZ, IndVet, OceAb, RRTA, S&F, VB, WAE&RSA, ZooRec. Aud.: Ac.

The International Council for the Exploration of the Sea (ICES) coordinates and promotes applied research in the North Atlantic. Its journal is an outlet for that research, as well as for other information contributing to a broad understanding of all marine systems, their resources, and the effects of human activity on both. Articles address management and conservation issues, biology, ecology, fishing and other human activities, climate change, and changes in technology. Typically, one or two issues of the eight per year are symposium proceedings; ICES offers these as a separate series, but it is more efficient to purchase through the journal subscription. This journal is moderately priced and an essential title for marine science research collections. Available in print and electronically.

**Invertebrate Biology.** See Zoology section.

**3912. The Journal of Cetacean Research and Management.** Former titles (until 1999): *International Whaling Commission Report*; (until 1978): *International Commission on Whaling Report*. [ISSN: 1561-0713] 1950. 3x/yr. GBP 110 (Individuals, GBP 75; GBP 25 per issue). Ed(s): G P Donovan. International Whaling Commission, The Red House, 135 Station Rd, Impington, CB24 9NP, United Kingdom; [secretariat@iwcoffice.org](mailto:secretariat@iwcoffice.org); <http://www.iwcoffice.org>. Referred. Indexed: BiolAb, OceAb, ZooRec. Aud.: Ac, Sa.

This title replaces the scientific section of *Reports of the International Whaling Commission* (IWC) and publishes peer-reviewed papers important to the conservation and management of cetaceans. The focus tends toward population abundance and distribution, and the effects of harvest and other human interactions, with occasional notes on unusual sightings or behavior. An annual supplement includes the *Reports of the IWC Scientific Committee*, which contains population trends, discussion of issues and concerns, and management updates. Inexpensive and appropriate for research collections with strong marine mammal programs. Available in print only.

**3913. Journal of Coastal Research: an international forum for the Littoral Sciences.** Formerly (until 1985): *Littoralia*. [ISSN: 0749-0208] 1984. bi-m. USD 499 (print & online eds.) Individuals, USD 173 (print & online eds.); Members, USD 85 (print & online eds.). Ed(s): Charles W Finkl, Jr., Tracy Candelaria. Coastal Education & Research Foundation, Inc., 1656 Cypress Row Dr, West Palm Beach, FL 33411; <http://www.cerf-jcr.org>. Illus., index, adv. Referred. Vol. ends: No. 4. Indexed: A01, A22, BiolAb, C&ISA, CABA, CerAb, E01, ForAb, HortAb, IAA, IndVet, M&GPA, OceAb, P02, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, ZooRec. Bk. rev.: 2, 1,000 words; signed. Aud.: Ac.

This title covers the coastal zone in-depth and internationally. Research topics range from validating surf observations to sediment transport patterns, to seabed geomorphology. Several issues each year have a thematic section that addresses a geographic area or topic of interest. The quality of the illustrations is excellent. This journal is a solid choice for libraries with marine and geosciences collections, and is reasonably priced and available in print and electronically. An Open Access white publisher.

**3914. Journal of Experimental Marine Biology and Ecology.** [ISSN: 0022-0981] 1967-28/yr. EUR 5407. Ed(s): Dr. Sandra E. Shumway, S. Thrush, Elsevier BV, Radarweg 29, PO Box 211, Amsterdam, 1000 AE, Netherlands; JournalsCustomerService@elsevier.com; <http://www.elsevier.nl>. Illus., index, adv. Refereed. Vol. ends: No. 2. Microform: PQC. Indexed: A01, A22, ApEcolAb, BiolAb, C&ISA, CABA, DSA, EnvInd, ForAb, HortAb, IndVet, OecAb, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, ZooRec. Bk. rev.: 1,000 words; signed. Aud.: Ac.

The focus of this journal is laboratory and field experimental study, and its scope includes biochemistry, physiology, behavior, genetics, ecosystems, and ecological modeling. Of interest to marine ecologists, physiologists, and biochemists, this title is appropriate for academic institutions with marine biology, oceanography, and ecology programs. Due to the expense of this publication, libraries will need to purchase it as a consortium. Available in print and electronically.

*Journal of Fish Biology.* See Fish, Fisheries, and Aquaculture section.

**3915. Journal of Marine Research.** [ISSN: 0022-2402] 1937. bi-m. USD 160 (print & online eds.) Individuals, USD 60 (print & online eds.). Ed(s): George Veronis. Sears Foundation for Marine Research, c/o Yale University, 210 Whitney Ave, PO Box 208109, New Haven, CT 06520. Illus., index, Refereed. Vol. ends: No. 6. Microform: PMC; PQC. Indexed: A01, A22, ApEcolAb, ApMecr, BiolAb, M&GPA, OecAb, P02, PollutAb, ZooRec. Aud.: Ac.

The scope of this journal includes physical, biological, and chemical oceanography, and preference is given to articles that report on a combination or interaction of ecological and physical processes. This publication is global in scope and affordable. Essential to all marine science collections. Available in print and electronically.

*Journal of Phycology.* See Botany section.

**3916. Journal of Plankton Research.** [ISSN: 0142-7873] 1979. 13x/yr. GBP 677. Ed(s): Roger Harris. Oxford University Press, Great Clarendon St, Oxford, OX2 6DP, United Kingdom; [jin.orders@oup.co.uk](mailto:jin.orders@oup.co.uk); <http://www.oxfordjournals.org>. Illus., index, adv. Refereed. Circ: 620. Vol. ends: No. 3. Reprint: PQC. Indexed: A01, A22, AnBeAb, ApEcolAb, BiolAb, CABA, E01, IndVet, OecAb, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, ZooRec. Bk. rev.: 1, 500 words; signed. Aud.: Ac. Sa.

Ecology, physiology, taxonomy, and behavior of plankton are covered in this journal, with a majority of the articles describing marine species. Contributors address these drifting organisms (zooplankton and phytoplankton) with research articles and short communications. Occasional "Horizons" pieces challenge traditional views or review current trends. This is an essential title for biological oceanography research collections, but is moderately expensive, so a single purchase within your consortium is recommended. Available in print and/or electronically. An Open Access yellow publisher.

*Journal of Shellfish Research.* See Fish, Fisheries, and Aquaculture section.

**3917. Marine and Coastal Fisheries: dynamics, management, and ecosystem science.** [ISSN: 1942-5120] 2008. q. Free. Ed(s): Dan Noakes. American Fisheries Society, 5410 Grosvenor Ln, Ste 110, Bethesda, MD 20814; [journals@fisheries.org](mailto:journals@fisheries.org); <http://www.fisheries.org>. Refereed. Indexed: ZooRec. Aud.: Ac.

Launched in 2008, this free, peer-reviewed, open-access publication is a welcome addition to the literature of marine biology. From the American Fisheries Society, this journal presents innovative research on marine, coastal,

and estuarine fisheries, and its mission is to improve the conservation and sustainability of fishery resources and ecosystems. It is a good choice for all library collections that support a marine biology or fisheries program. Available electronically.

**3918. Marine & Freshwater Research: advances in the aquatic sciences.** Formerly (until 1995): *Australian Journal of Marine and Freshwater Research*. [ISSN: 1323-1650] 1950. m. USD 1850 combined subscription (print & online eds.). Ed(s): K Hunter, A J Boulton, C S I R O Publishing, 150 Oxford St, PO Box 1139, Collingwood, VIC 3066, Australia; [publishing@csiro.au](mailto:publishing@csiro.au); <http://www.publish.csiro.au/home.htm>. Illus., index, adv. Sample. Refereed. Vol. ends: No. 8. Microform: PQC. Indexed: A22, Agr, AnBeAb, ApEcolAb, BiolAb, C&ISA, CABA, CerAb, DSA, E01, EnvInd, FPA, FS&TA, ForAb, HortAb, IAA, IndVet, M&GPA, OecAb, RRTA, S&F, SWRA, VB, WAE&RSA, ZooRec. Aud.: Ac. Sa.

This journal includes a broad range of interdisciplinary research in ecology, hydrology, biogeochemistry, and oceanography, with the overarching goal of highlighting the interconnectedness of aquatic environments, processes, and management applications. Specific subjects can include fisheries science, biogeochemistry, physiology, genetics, biogeography, and toxicology. Although published in Australia, this journal is global in scope. It is recommended for academic libraries that support marine or aquatic-based programs, and is moderately priced. Available in print and electronically.

**3919. Marine Biodiversity Records.** Formerly (until 2008): *Marine and Freshwater Biodiversity*. [ISSN: 1755-2672] 2008. a. GBP 790. Ed(s): Ann L. Pulsford, Paul F. Clark. Cambridge University Press, The Edinburgh Bldg, Shaftesbury Rd, Cambridge, CB2 8RU, United Kingdom; [journals@cambridge.org](mailto:journals@cambridge.org); <http://www.cambridge.org/uk>. Indexed: A01, A22, E01. Aud.: Ac. Sa.

This e-only addition to the *Journal of the Marine Biological Association of the United Kingdom* purports to be a rapid, peer-reviewed publication that addresses issues that are somewhat time-sensitive. It focuses on changes in geographical location of marine organisms as well as habitat loss. Articles are short and document new species, new locations for species, and changes in habitat and behavior. This outlet for short reports is welcome; however, the publisher's bundling it with the subscription to the print journal makes it expensive for many. Available electronically only.

**3920. Marine Biological Association of the United Kingdom. Journal.** [ISSN: 0025-3154] 1887. bi-m. GBP 894. Ed(s): P E Gibbs, Ann L Pulsford. Cambridge University Press, The Edinburgh Bldg, Shaftesbury Rd, Cambridge, CB2 8RU, United Kingdom; [information@cambridge.org](mailto:information@cambridge.org); <http://www.cambridge.org/uk>. Illus., index, adv. Sample. Refereed. Circ: 1600. Vol. ends: No. 4. Microform: BHP; PQC. Reprint: PQC. Indexed: A22, AnBeAb, ApEcolAb, BiolAb, CABA, DSA, E01, ForAb, HortAb, IndVet, OecAb, PollutAb, RRTA, S&F, VB, WAE&RSA, WRCInf, ZooRec. Aud.: Ac. Sa.

This journal is international in scope and includes articles on all aspects of marine biology: ecological surveys; population studies of oceanic, coastal, and shore communities; physiology and experimental biology; taxonomy, morphology, and life history of marine animals and plants; and chemical and physical oceanographic work that relates closely to the biological environment. This journal is moderately priced and appropriate for all academic research libraries with a marine biology program. *Marine Biodiversity Records*, a rapid, peer-reviewed new journal, is now bundled with this title. Available in print and electronically.

**3921. Marine Biology: international journal on life in oceans and coastal waters.** [ISSN: 0025-3162] 1967. m. EUR 5542 (print & online eds.). Ed(s): Ulrich Sommer. Springer, Tiergartenstr 17, Heidelberg, 69121, Germany. Illus., adv. Sample. Refereed. Vol. ends: No. 4. Microform: PQC. Reprint: PQC. Indexed: A01, A22, Agr, AnBeAb, ApEcolAb, BiolAb, CABA, E01, EnvInd, FS&TA, ForAb, HortAb, IBR, IBZ, IndVet, OecAb, P02, RRTA, S&F, SWRA, VB, WAE&RSA, ZooRec. Aud.: Ac. Sa.

This journal is very broad in scope, and includes articles on all aspects of plankton research, biological and biochemical oceanography, environmental-organism interrelationships, experimental biology, metabolic rates and routes, biochemical research on marine organisms, biosystem research, energy budgets, dynamics and structures of communities, use of marine resources, anthropogenic influences on marine environments, evolution, modeling, and scientific apparatus and techniques. This is a broadly focused journal essential to every marine science collection, but its high cost may dictate a shared purchase with another institution. Available in print and electronically.

**3922. Marine Biology Research.** Formed by the merger of (1961-2005): *Sarsia*; (1964-2005): *Ophelia*. [ISSN: 1745-1000] 2005. bi-m. GBP 270 (print & online eds.) Individuals, GBP 77. Ed(s): Franz Uiblein, Tom Fenchel. Taylor & Francis Ltd., 4 Park Sq, Milton Park, Abingdon, OX14 4RN, United Kingdom; [subscriptions@tandf.co.uk](mailto:subscriptions@tandf.co.uk); <http://www.tandf.co.uk/journals>. Sample. Reprint: PQC. Indexed: A01, A22, ApEcolAb, BiolAb, CABA, E01, HortAb, IndVet, OecAb, S&F, VB, ZooRec. Aud.: Ac. Sa.

This journal came about as a merger of the long-standing core titles *Sarsia* and *Ophelia*. It aims to provide an international forum for all areas of marine biology and oceanography, including ecology, behavior, taxonomy, environment, and evolution. Articles on applied research that contribute to general biological insight are also included. Affordable and a core title in academic and research institutions with marine biology or oceanography collections. An Open Access yellow publisher.

**3923. Marine Biotechnology: an international journal focusing on marine genomics, molecular biology and biotechnology.** Formed by the merger of (1930-1999): *Molecular Marine Biology and Biotechnology*; (1993-1999): *Journal of Marine Biotechnology*. [ISSN: 1436-2228] 1998. bi-m. EUR 856 (print & online eds.). Ed(s): J Grant Burgess, Shigetoh Miyachi. Springer New York LLC, 233 Spring St, New York, NY 10013; [service-ny@springer.com](mailto:service-ny@springer.com); <http://www.springer.com/>. Illus., adv. Sample. Refereed. Vol. ends: No. 4. Reprint: PQC. Indexed: A22, ABIn, Agr, BiolAb, CABA, E01, EngInd, ExcerptMed, FS&TA, HortAb, IndVet, OecAb, PollutAb, S&F, VB, ZooRec. Aud.: Ac. Sa.

This title is global in scope, and typical topics include molecular biology, genomics, proteomics, cell biology, biochemistry, and biotechnology. Notably excluded from the journal are articles on genomic or microsatellite sequences or expressed sequence tags, unless this research addresses a larger biological issue. This is a moderately priced but top-ranked journal appropriate for libraries that support marine biology and molecular biology research and advanced undergraduate studies. Available in print and electronically.

**3924. Marine Ecology - Progress Series.** [ISSN: 0171-8630] 1979. 25x/yr. EUR 4950 combined subscription domestic (print & online eds.); EUR 5100 combined subscription foreign (print & online eds.). Ed(s): Otto Kinne. Inter-Research, Nordbunte 23, Oldendorf, 21385, Germany; [ir@int-res.com](mailto:ir@int-res.com); <http://www.int-res.com>. Illus., index, adv. Refereed. Circ: 1000. Vol. ends: No. 3. Indexed: A22, AnBeAb, ApEcolAb, BiolAb, CABA, DSA, ForAb, HortAb, IBR, IBZ, IndVet, OecAb, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, ZooRec. Aud.: Ac. Sa.

This journal features research articles, reviews, and notes on both fundamental and applied topics in marine ecology. The scope includes botany, zoology, ecological aspects of fisheries and aquaculture, resource management, and ecosystem research. Occasional "theme" sections will synthesize information on a topic by a multi-author team. This journal is highly ranked in both the marine biology and oceanography fields; and issues older than five years are freely available on the web. This is a very expensive journal and yet a core title for libraries that support teaching and research in environmental studies and marine biology; therefore, libraries may want to acquire a single copy for their consortium. Available in print and electronically. An Open Access blue publisher.

**3925. Marine Environmental Research.** Incorporates (in 1991): *Oil and Chemical Pollution*; which was formerly (until 1982): *Journal of Oil and Petrochemical Pollution*. [ISSN: 0141-1136] 1978. 10x/yr. EUR 1877. Ed(s): Dr. Robert Spies, Dr. John Widdows. Elsevier Ltd, The Blvd, Langford Ln, Oxford, OX5 1GB, United Kingdom;

[journalscustomerservice@elsevier.com](mailto:journalscustomerservice@elsevier.com); <http://www.elsevier.com>. Illus., index, adv. Sample. Refereed. Vol. ends: No. 5. Microform: PQC. Indexed: A01, A22, BiolAb, C&ISA, CABA, CerAb, EngInd, EnvInd, ExcerptMed, FS&TA, ForAb, HortAb, IAA, IndVet, OecAb, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, WRCInf, ZooRec. Aud.: Ac. Sa.

This journal focuses on chemical, physical, and biological interactions within the marine realm. Articles examine processes and environmental change with an eye toward understanding systems to facilitate more informed management.

The international scope enhances the sharing of information on marine environmental science. It is moderately expensive, but useful for extensive marine science collections. Available in print and electronically.

*Marine Fisheries Review.* See Fish, Fisheries, and Aquaculture section.

**3926. Marine Mammal Science.** [ISSN: 0824-0469] 1985. q. GBP 186 (print & online eds.). Ed(s): Daryl Boness. Wiley-Blackwell Publishing, Inc., 111 River St, Hoboken, NJ 07030; [info@wiley.com](mailto:info@wiley.com); <http://www.wiley.com/>. Illus., adv. Sample. Refereed. Reprint: PQC. Indexed: A22, Agr, AnBeAb, ApEcolAb, BiolAb, CABA, DSA, E01, ForAb, IndVet, OecAb, RRTA, S&F, VB, ZooRec. Bk. rev.: 3, 2,000 words. Aud.: Ac. Sa.

Few journals address research on marine mammals even though students, the public, and scientists find them highly interesting. This journal, along with *Journal of Cetacean Research*, is such an outlet. Typical articles address form and function, evolution, systematics, physiology, biochemistry, behavior, population biology, life history, genetics, ecology, and conservation of marine mammals. Articles, review articles, notes, opinions, and letters are all included, and editorial staff screen articles for appropriate experimental procedures involving these often-protected species. This is an inexpensive and a core title for libraries that serve a marine biology major. Available in print and electronically. An Open Access yellow publisher.

**3927. Oceanography and Marine Biology: an annual review.** [ISSN: 0078-3218] 1963. a. Ed(s): R N Gibson. Taylor & Francis Ltd., 4 Park Sq, Milton Park, Abingdon, OX14 4RN, United Kingdom; [subscriptions@tandf.co.uk](mailto:subscriptions@tandf.co.uk); <http://www.taylorandfrancis.com>. Indexed: A22, OecAb, ZooRec. Aud.: Ac.

These authoritative review articles, including comprehensive reference lists, are appropriate introductory material for students and are also useful for researchers keeping abreast of topics beyond their own field of research. Sample topics from a recent issue include global ecology of kelp, diversity in benthic communities, and effects of climate change on marine life. This is an extremely affordable and essential element in any library that supports marine biology or environmental studies undergraduate education. Starting in 2010, it is available in print or as an e-book.

*Reviews in Fish Biology and Fisheries.* See Fish, Fisheries, and Aquaculture section.

## Marine Policy

**3928. Coastal Management: an international journal of marine environment, resources, law and society.** Formerly (until 1987): *Coastal Zone Management Journal*. [ISSN: 0892-0753] 1973. bi-m. USD 1074 (print & online eds.). Ed(s): Patrick Christie. Taylor & Francis Inc., 325 Chestnut St, Ste 800, Philadelphia, PA 19106; [orders@taylorandfrancis.com](mailto:orders@taylorandfrancis.com); <http://www.taylorandfrancis.com>. Illus., adv. Sample. Refereed. Microform: WSH. Reprint: PQC. Indexed: A22, B01, C&ISA, CABA, CLI, CerAb, E01, EngInd, EnvInd, IAA, IBR, IBZ, IndVet, OecAb, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, ZooRec. Aud.: Ac.

This official journal of *The Coastal Society* focuses on issues relating to the use of coastal environments and resources. Current topics concern coastal tourism, planning and management of seaports and waterfronts, sea level rise, ocean policy and planning, and rise in the sea level. International in scope, this moderately priced publication would be a good addition to any library that supports research in marine policy or law of the sea. Available in print or electronically. An Open Access yellow publisher.

**3929. Marine Policy.** [ISSN: 0308-597X] 1977. 6x/yr. EUR 1205. Ed(s): E D Brown, Pergamon, The Blvd, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom; JournalsCustomerServiceEMEA@elsevier.com; http://www.elsevier.com. Illus., index, adv. Sample. Refereed. Vol. ends: No. 6. Microform: PQC. Indexed: A22, C&ISA, CerAb, EnvInd, IAA, IBSS, OceAb, PollutAb. Aud.: Ac, Sa.

The focus of policy formulation and analysis addresses the needs of lawyers, marine resource managers, economists, political scientists, and other social scientists. Recent volumes have an increased focus on fisheries policy, although maritime issues and marine management tools are also covered. Occasionally, issues may contain historical overviews or discussions of emerging trends. This journal is moderately expensive, but a core title for academic collections with a marine policy or management component. Available in print and electronically.

**3930. Ocean & Coastal Management.** Formerly (until 1992): *Ocean and Shoreline Management*; Which was formed by the merger of (1973-1988): *Ocean Management*; (1985-1988): *Journal of Shoreline Management*. [ISSN: 0964-5691] 1988. n. EUR 1784. Ed(s): B Cicin-Sain, Pergamon, The Blvd, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom; JournalsCustomerServiceEMEA@elsevier.com; http://www.elsevier.com. Illus., adv. Sample. Refereed. Vol. ends: No. 44. Microform: PQC. Indexed: A22, EngInd, EnvInd, M&GPA, OceAb, PollutAb, SWRA, ZooRec. Bk. rev.: 1-2, 300-600 words. Aud.: Ac, Sa.

This multidisciplinary, international journal covers near-shore and coastal environmental issues. Topics include coastal zone management throughout the world, environmental impacts of ocean use, and resolution of multiple-use conflicts. One or two issues of the 12 annually are dedicated to special topics on coastal management. This is a core title for academic collections with marine policy and management aspects, but it is expensive enough to warrant access through a consortial purchase. Available in print and electronically.

**3931. Ocean Development and International Law.** Formerly (until 1973): *Ocean Development and International Law Journal*. [ISSN: 0090-8320] 1973. q. GBP 447 (print & online eds.). Ed(s): Ted L. McDorman, Taylor & Francis Inc., 325 Chestnut St, Ste 800, Philadelphia, PA 19106; orders@taylorandfrancis.com; http://www.taylorandfrancis.com. Adv. Sample. Refereed. Microform: WSH. Reprint: PSC. Indexed: A01, A22, ABS&EES, B01, C&ISA, CABA, CLI, CerAb, E01, EnvInd, IAA, IBSS, IPSA, IndIslam, JEL, LRI, OceAb, P02, PSA, WAE&RSA. Aud.: Sa.

Less specialized than *Marine Policy*; this journal contains articles on law of the sea, comparative domestic ocean law, shipping, ocean engineering, marine economics, and marine science that will be of interest to those involved in the management or utilization of ocean resources. It is affordable and appropriate for libraries that support programs in aquaculture, resource management, and environmental law. Available in print and electronically. An Open Access yellow publisher.

### Marine Technology

**3932. Applied Ocean Research.** [ISSN: 0141-1187] 1979. q. EUR 1129. Ed(s): M Kashiwahi, Pergamon, The Blvd, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom; JournalsCustomerServiceEMEA@elsevier.com; http://www.elsevier.com. Adv. Refereed. Microform: PQC. Indexed: A01, A22, ApMeor, EngInd, M&GPA, OceAb. Aud.: Ac, Sa.

Ocean engineering is a very specialized discipline with a limited readership. This title provides solid research articles on topics ranging from mooring systems to wave dynamics. This title is moderately expensive and more so for electronic access, but useful for specialized research collections with engineering interests in the marine environment. Available in print or electronically.

**3933. Coastal Engineering.** [ISSN: 0378-3839] 1977. 12x/yr. EUR 1875. Ed(s): Hans F Burcharth, Elsevier BV, Radarweg 29, PO Box 211, Amsterdam, 1000 AE, Netherlands; JournalsCustomerServiceEMEA@elsevier.com; http://www.elsevier.nl. Refereed. Microform: PQC. Indexed: A01, A22, ApMeor, C&ISA, CerAb, EngInd, IAA, M&GPA, OceAb, SWRA, WRCInf. Aud.: Ac, Sa.

Another example of a highly specialized title, *Coastal Engineering* is the more expensive sister journal to *Applied Ocean Research*. The focus here is on marine and coastal technology, with particular interest in coastal structures (breakwaters and jetties) and the wave dynamics of this environment. One volume annually is usually devoted to special topics, such as coastal video monitoring systems. Only relevant for specialized research collections with engineering interests in the marine environment. Available in print and electronically.

**3934. IEEE Journal of Oceanic Engineering.** [ISSN: 0364-9059] 1976. q. USD 345; USD 430 combined subscription (print & online eds.). Ed(s): Christian de Moustier, IEEE, 445 Hoes Ln, Piscataway, NJ 08854; contactcenter@ieee.org; http://www.ieee.org. Illus., index, adv. Vol. ends: No. 4. Indexed: A22, C&ISA, CerAb, EngInd, IAA, M&GPA, OceAb. Aud.: Ac, Sa.

The IEEE Oceanic Engineering Society encourages articles and technical communications that apply electrical, electronics, and instrumentation engineering to the marine environment. Topics vary from specific design of new instruments for marine research, such as satellite tags, to investigation of ambient noise. Occasional issues are dedicated to special topics such as sediment acoustic processes. This journal is more important and far more affordable than *Ocean Engineering* to both engineering and oceanographic collections. Available in print and electronically.

**3935. Journal of Marine Science and Technology.** [ISSN: 0948-4280] 1996. q. EUR 207 (print & online eds.). Ed(s): Yoshiaki Kodama, Springer Japan KK, No 2 Funato Bldg, 1-11-11 Kudan-kita, Tokyo, 102-0073, Japan; http://www.springer.jp. Refereed. Reprint: PSC. Indexed: A01, A22, Agr, E01, EngInd, OceAb. Aud.: Ac, Sa.

This title focuses on issues relating to ocean and marine engineering and can include articles on naval architecture, hull design, stability modeling, and material strength; it is important to the field, but not terribly relevant to others in marine science. It is inexpensive, but appropriate only for libraries that support marine engineering studies. Available in print and electronically.

**3936. Journal of Waterway, Port, Coastal, and Ocean Engineering.** Former titles (until 1983): *American Society of Civil Engineers Waterway, Port, Coastal and Ocean Division Journal*; (until 1977): *American Society of Civil Engineers Waterways, Harbors, and Coastal Engineering Division Journal*; (until 1970): *American Society of Civil Engineers Waterways and Harbors Division Journal*; (until 1956): *American Society of Civil Engineers Waterways Division Journal*; (until 1955): *American Society of Civil Engineers Proceedings*. [ISSN: 0733-950X] 1873. bi-m. USD 455. Ed(s): Vijay Panchang, American Society of Civil Engineers, 1801 Alexander Bell Dr, Reston, VA 20191; journal-services@asce.org; http://www.asce.org. Illus., adv. Refereed. Microform: PQC. Indexed: A01, A22, C&ISA, CerAb, EngInd, EnvInd, H&SSA, HRIS, IAA, M&GPA, OceAb, PollutAb, SWRA, WRCInf. Aud.: Ac, Sa.

This international journal focuses on the applied issues of civil engineering in the aquatic environment, from bridge construction to wave action on breakwaters, to forcing action in open waters. It is sponsored by the American Society of Civil Engineers, and the technical papers, notes, and discussion items address issues of interest globally, while describing local solutions. This journal is essential for engineering collections with an interest in the marine and aquatic environments. Reasonably priced in print and electronically. An Open Access white publisher.

**3937. Marine Geodesy: an international journal of ocean surveys, mapping and sensing.** [ISSN: 0149-0419] 1977. q. USD 637 (print & online eds.). Ed(s): Rongxing Li, Taylor & Francis Inc., 325 Chestnut St, Ste 800, Philadelphia, PA 19106; orders@taylorandfrancis.com; http://www.taylorandfrancis.com. Illus., adv. Sample. Refereed. Vol. ends: No. 4. Reprint: PSC. Indexed: A01, A22, E01, EnvInd, IBR, IBZ, M&GPA, OceAb. Bk. rev.: 3, 500 words. Aud.: Ac, Sa.

This international journal covers the highly specialized science of measuring and monitoring the ocean. Articles describe instrument bias and calibration challenges, boundary datum, and use of remote sensing. This is a relevant yet probably underutilized addition to research collections that support field-based oceanography programs. It is relatively inexpensive. Available in print and electronically. An Open Access yellow publisher.

**3938. Marine Georesources & Geotechnology.** Formed by the merger of (1975-1993): *Marine Geotechnology*; (1977-1993): *Marine Mining*. [ISSN: 1064-119X] 1993. q. USD 530 (print & online eds.). Ed(s): John C Wiltshire, Ronald C Chaney, Taylor & Francis Inc., 325 Chestnut St, Ste 800, Philadelphia, PA 19106; orders@taylorandfrancis.com; http://www.taylorandfrancis.com. Illus., index, adv. Sample. Refereed. Vol. ends: No. 4. Microform: PQC. Reprint: PSC. Indexed: A01, A22, BiolAb, C&ISA, CerAb, E01, EngInd, IAA, OceAb, PollutAb, SWRA. Aud.: Ac, Sa.

A companion title to *Marine Geology*, this journal focuses on applied research relating to seafloor sediments and rocks. Topics range from characterizations of dredged materials to restoration of marine macrofauna, to the effect of nodule mining. It is affordable and useful for academic collections with marine engineering and applied geology programs. Available in print and electronically. An Open Access yellow publisher.

**3939. Marine Pollution Bulletin.** [ISSN: 0025-326X] 1970. 24x/yr. EUR 1705. Ed(s): Charles Sheppard, Elsevier Ltd, The Blvd, Langford Ln, Oxford, OX5 1GB, United Kingdom; journalscustomer-service@elsevier.com; http://www.elsevier.com. Illus., index, adv. Sample. Refereed. Circ: 2000 Paid. Vol. ends: No. 12. Microform: PQC. Indexed: A22, ApEcolAb, BiolAb, C&ISA, CABA, CerAb, EngInd, EnvInd, ExcerptMed, FS&TA, ForAb, HortAb, IAA, IBR, IBZ, IndVet, M&GPA, OceAb, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, WRCInf, ZooRec. Bk. rev.: 2, 500 words. Aud.: Ac, Sa.

Using a variety of features, this inclusive and rigorous journal documents conditions, effects of human activity, and responses to pollutants in the marine environment. The editorials and invited reviews offer in-depth insight into marine environmental issues and briefer news items cover pollution events around the globe. In addition to the monthly issues, special issues focus on conferences or topics such as water quality in a specific geographic region. This is 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. Available in print and electronically.

**3940. Marine Technology Society Journal: the international, interdisciplinary society devoted to ocean and marine engineering, science and policy.** Formerly (until 1968): *Journal of Ocean Technology*; Incorporated: *Ocean Soundings*. [ISSN: 0025-3324] 1966. q. USD 120 domestic; USD 135 foreign. Ed(s): Justin Manley, Marine Technology Society, 5565 Sterrett Pl, Ste 108, Columbia, MD 21044; mispubs@erols.com; http://www.msociety.org/shop/. Illus., index, adv. Refereed. Circ: 3200. Vol. ends: No. 4. Indexed: A22, EngInd, EnvInd, HRIS, M&GPA, OceAb, PollutAb, SWRA, ZooRec. Bk. rev.: 1-3, 500 words. Aud.: Ga, Ac, Sa.

This publication addresses all aspects of marine technology—how it works, how to use it in science, how it affects society. Articles are written for a wide audience. Regular issues focus on uses of technology in marine sciences, with articles written by both scientists and industry researchers. Special issues address such topics as acoustic tracking of fish, ocean education, and marine sanctuary management. This is 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. Available in print and electronically via password. An Open Access white publisher.

**3941. Ocean Engineering.** [ISSN: 0029-8018] 1968. 18x/yr. EUR 3052. Ed(s): Atilla Incecik, R Cengiz Ertekin, Pergamon, The Blvd, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom; JournalsCustomerServiceEMEA@elsevier.com; http://www.elsevier.com. Illus., index, adv. Sample. Refereed. Vol. ends: No. 28. Microform: PQC. Indexed: A01, A22, ApMeor, C&ISA, CerAb, EngInd, H&SSA, IAA, IBR, IBZ, OceAb, SWRA. Aud.: Ac, Sa.

This highly specialized journal covers marine engineering from ships to structures to instrumentation. It is aimed at engineers, and the coverage of its research articles ranges from offshore engineering to naval architecture. Issues may include review articles as well as short communications on recent field work, instrument modeling, and testing. It is appropriate for specialized marine and engineering collections as interest in marine renewable energy increases, but it is very expensive. Available in print and electronically.

**Remote Sensing of Environment.** See Environment and Conservation section.

**3942. Sea Technology.** Formerly (until 1973): *Undersea Technology and Oceanology International & Offshore Technology*; Which was formed by the merger of (1971-1972): *Oceanology International Offshore Technology*; (1961-1972): *Undersea Technology*; Which was formerly (until 1961): *Underwater Engineering*; (until 1960): *Underwater Engineering News*. [ISSN: 0093-3651] 1972. m. USD 55 domestic (Free to qualified personnel). Ed(s): Lauren Masterson, Compass Publications, Inc. (Arlington), 1501 Wilson Blvd, Ste 1001, Arlington, VA 22209. Illus., index, adv. Vol. ends: No. 12. Microform: PQC. Indexed: A22, ApMeor, C&ISA, CerAb, EngInd, H&SSA, HRIS, IAA, M&GPA, OceAb, PollutAb. Aud.: Sa.

This monthly trade journal for marine technology and engineering combines short articles on issues and new developments with product reviews and news from the industry and the U.S. government. Articles address such topics as homeland security, toxicity sensors, and remotely operated vehicles. This journal is very inexpensive and appropriate for a general audience with technical and engineering interests. Available in print and most features are free electronically. URL: www.sea-technology.com/features/index.html

### Ocean Science

**3943. Continental Shelf Research.** [ISSN: 0278-4343] 1982. 20x/yr. EUR 2576. Ed(s): Richard W Sternberg, Michael B Collins, Pergamon, The Blvd, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom; JournalsCustomerServiceEMEA@elsevier.com; http://www.elsevier.com. Sample. Refereed. Vol. ends: No. 21. Microform: PQC. Indexed: A01, A22, ApEcolAb, C&ISA, CABA, CerAb, ForAb, IAA, M&GPA, OceAb, PollutAb, RRTA, S&F, SWRA, WAE&RSA, WRCInf, ZooRec. Aud.: Ac, Sa.

This journal focuses on the shallow marine environment that is defined as the coast to the continental shelf break. All aspects of marine science are covered, with an emphasis on processes and innovative techniques applied in this environment. Two to four issues every year address special topics, such as physical oceanographic modeling and harmful algal blooms. This is an expensive but core title for oceanography collections, although it is less important for biologically focused collections. Available in print or electronically.

**3944. Deep-Sea Research. Part I: Oceanographic Research Papers.**

Supersedes in part (in 1992): *Deep-Sea Research. Part A: Oceanographic Research Papers*; Which was formerly (until 1979): *Deep-Sea Research*; (until 1977): *Deep-Sea Research and Oceanographic Abstracts*; (until 1962): *Deep-Sea Research*. [ISSN: 0967-0637] 1993. 12x/yr. EUR 2990. Ed(s): M Bacon, Pergamon, The Blvd, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom; JournalsCustomerServiceEMEA@elsevier.com; http://www.elsevier.com. Illus., index, adv. Sample. Refereed. Vol. ends: No. 10. Microform: PQC. Indexed: A01, A22, BiolAb, C&ISA, CerAb, EngInd, IAA, M&GPA, OceAb, P02, SWRA, ZooRec. Aud.: Ac, Sa.

This journal focuses on the ocean beyond the continental shelf, including geological, physical, chemical, and biological aspects. It concentrates on research that reports results on theoretical, instrumentation-related, and methodological problems. Along with its companion journal, *Deep-Sea Research, Part 2: Topical Studies in Oceanography*, this title is 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. Available in print or electronically.

*Dynamics of Atmospheres and Oceans.* See Atmospheric Sciences section.

*Earth Interactions.* See Atmospheric Sciences section.

G3: *Geochemistry, Geophysics, Geosystems: an electronic journal of the earth sciences.* See Earth Sciences and Geology section.

\* *Geo-Marine Letters: an international journal of marine geology.* See Earth Sciences and Geology section.

*Geophysical Research Letters.* See Earth Sciences and Geology section.

3945. *Global and Planetary Change.* [ISSN: 0921-8181] 1988. 20x/yr. EUR 1883. Ed(s): T M Cloetingh. Elsevier BV, Radarweg 29, PO Box 211, Amsterdam, 1000 AE, Netherlands; JournalsCustomerService@elsevier.com; http://www.elsevier.nl. Illus., index, adv. Refereed. Vol. ends: No. 6. Microform: PQC. Indexed: A01, A22, ApEcolAb, C&ISA, CABA, CerAb, EnvInd, FR, ForAb, IAA, IndVet, M&GPA, OecAb, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, ZooRec. Aud.: Ac, Sa.

This journal focuses on the record of change in the earth's history and presents multidisciplinary analysis of recent and future changes. Topics include changes in the chemical composition of the oceans and atmosphere, climate change, sea level variations, human geography, global geophysics and tectonics, global ecology, and biogeography. One or two issues annually focus on a special topic or theme. Relatively expensive, but useful for a wide variety of academic institutions, particularly those with environmental studies and oceanography programs. Available in print and electronically.

3946. *Global Biogeochemical Cycles: an international journal of global change.* [ISSN: 0886-6236] 1987. q. USD 750. Ed(s): Meinrat O Andreae. American Geophysical Union, 2000 Florida Ave, NW, Washington, DC 20009, service@agu.org; http://www.agu.org. Illus., adv. Refereed. Vol. ends: No. 4. Indexed: A22, Agr, ApEcolAb, CABA, FPA, ForAb, HortAb, M&GPA, OecAb, PollutAb, S&F, SWRA. Aud.: Ac, Sa.

This journal exemplifies the relationship between oceanography and atmospheric science. Articles examine large-scale interactions in the geosphere and biosphere—changes resulting from marine, hydrologic, atmospheric, extraterrestrial, geologic, and human causes over time scales large and small. This is an essential and affordable part of academic library collections that support oceanography and environmental studies programs. Pricing is relevant to the size of the institution. Available in print and electronically.

*Journal of Atmospheric and Oceanic Technology.* See Atmospheric Sciences section.

*Journal of Geophysical Research: Oceans.* See Earth Sciences and Geology section.

3947. *Journal of Marine Systems.* [ISSN: 0924-7963] 1990. 20x/yr. EUR 2813. Ed(s): W Fennel. Elsevier BV, Radarweg 29, PO Box 211, Amsterdam, 1000 AE, Netherlands; JournalsCustomerService@elsevier.com; http://www.elsevier.nl. Illus., adv. Refereed. Vol. ends: No. 4. Microform: PQC. Indexed: A01, A22, C&ISA, CerAb, EnvInd, IAA, M&GPA, OecAb, PollutAb, ZooRec. Aud.: Ac, Sa.

As implied in its title, this journal examines interdisciplinary, system-driven questions in the marine environment. With its coverage ranging in scale from lagoons to ocean basins, its articles focus on how the marine system shapes the biological, chemical, and physical environment. Coverage is international. It is expensive, but appropriate for research oceanography collections, especially those with a physical emphasis. Available in print and electronically.

3948. *Journal of Oceanography.* Supersedes in part (in 1992):

*Oceanographical Society of Japan. Journal.* [ISSN: 0916-8370] 1941. bi-m. EUR 1132 (print & online eds.). Springer Netherlands, Van Godewijkstraat 30, Dordrecht, 3311 GX, Netherlands; http://www.springer.com. Illus., adv. Refereed. Circ: 2100. Reprint: PSC. Indexed: A22, Agr, E01, M&GPA, OecAb, PollutAb, ZooRec. Aud.: Ac, Sa.

Originally published as the outlet for the Oceanographic Society of Japan, this journal continues to be biased toward basic oceanographic research in the Pacific Basin. Relevant topics include current dynamics, chemical fluxes, and occasional biological phenomena. Moderately expensive, and useful mostly for oceanography collections that support research in the Pacific. Available in print and electronically.

3949. *Journal of Physical Oceanography.* [ISSN: 0022-3670] 1971. m. Members. USD 611 (print & online eds.); Non-members. USD 815 (print & online eds.). Ed(s): Michael Spall. American Meteorological Society, 45 Beacon St, Boston, MA 02108; amspubs@ametsoc.org; http://www.ametsoc.org. Illus., index, adv. Refereed. Vol. ends: No. 12. Indexed: A01, A22, ApMeer, CCMJ, E01, EngInd, M&GPA, MSN, MathR, OecAb, SWRA. Aud.: Ac, Sa.

Contributions to this journal relate to the physics of the ocean and the processes that operate at its boundaries. The primary aim of the journal is to promote understanding of the ocean and its role within the earth system. Typical articles address surface phenomena, oceanography (large- and small-scale), circulation, and modeling. An inexpensive, high-impact core journal for all academic libraries that serve an oceanography program. Available in print and electronically.

3950. *Journal of Sea Research.* Formerly (until vol.35, 1996): *Netherlands Journal of Sea Research.* [ISSN: 1385-1101] 1961. 8x/yr. EUR 722. Ed(s): Carlos Heip. Elsevier BV, Radarweg 29, PO Box 211, Amsterdam, 1000 AE, Netherlands; JournalsCustomerService@elsevier.com; http://www.elsevier.nl. Refereed. Circ: 600. Indexed: A01, A22, ApEcolAb, BiolAb, C&ISA, CABA, CerAb, EnvInd, ForAb, HortAb, IAA, IndVet, M&GPA, OecAb, S&F, VB, WAE&RSA, ZooRec. Aud.: Ac, Sa.

Another of the many titles that examine coastal and shelf ecosystems, this journal has a northern European bias, yet it covers topics of interest to marine biologists and oceanographers everywhere. Affordable and appropriate for research collections in the marine sciences with an international focus. Available in print and electronically.

3951. *Limnology and Oceanography.* [ISSN: 0024-3590] 1956. 8x/yr. USD 975 (print & online eds.). Ed(s): Everett Fee. American Society of Limnology and Oceanography, Inc., 1444 Eye St, NW #200, Washington, DC 20005; business@aslo.org; http://www.aslo.org. Illus., index. Refereed. Circ: 5300 Paid. Vol. ends: No. 8. Indexed: A01, A22, AnBeAb, ApEcolAb, BiolAb, CABA, EnvInd, FPA, ForAb, HortAb, IBR, IBZ, IndVet, M&GPA, PollutAb, RRTA, S&F, SWRA, VB, WAE&RSA, WRCInf, ZooRec. Bk. rev.: 2, 750 words; signed. Aud.: Ac, Sa.

This journal is published by the American Society of Limnology and Oceanography, but global in scope. The focus of this journal is aquatic ecosystems, and it includes original research articles on all aspects of limnology and oceanography. This journal is only available as part of a package that also includes the more specialized partner journal *Limnology and Oceanography: Methods* (electronic-only) and the society's *Bulletin*. A top-ranking journal and essential for any academic institution with a marine biology or oceanography program. Available in print and electronically. An Open Access white publisher.

3952. *Limnology and Oceanography: Methods.* [ISSN: 1541-5856] 2003. m. Free. Ed(s): Paul F Kemp, Susana Feng. American Society of Limnology and Oceanography, Inc., 5400 Bosque Blvd, Ste 680, Waco, TX 76710; business@aslo.org; http://www.aslo.org. Refereed. Indexed: ApEcolAb, OecAb, WRCInf, ZooRec. Aud.: Ac, Sa.

Developed as a companion to the long-standing *Limnology and Oceanography*, this electronic-only journal is bundled with that as well as with the society's bulletin. *Methods* provides a mechanism for rapid publication of articles that address problems and solutions in aquatic science methodology. It is becoming more valuable to its audience, and carries the cachet of the American Society of Limnology and Oceanography.

3953. *Marine Chemistry.* [ISSN: 0304-4203] 1972. 20x/yr. EUR 2617. Ed(s): Frank J Millero. Elsevier BV, Radarweg 29, PO Box 211, Amsterdam, 1000 AE, Netherlands; JournalsCustomerService@elsevier.com; http://www.elsevier.nl. Illus., adv. Refereed. Vol. ends: No. 4. Microform: PQC. Indexed: A01, A22, BiolAb, C&ISA, CerAb, IAA, M&GPA, OecAb, PollutAb, SWRA, WRCInf. Aud.: Ac, Sa.

This highly-ranked journal includes original research and occasional reviews that address the dynamics of chemistry of the marine environment. It is an international forum, and will be of interest to marine chemists, chemical oceanographers, and geochemists. This journal is 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. Available in print and electronically.

3954. *Marine Geology.* [ISSN: 0025-3227] 1964. 44x/yr. EUR 4227. Ed(s): John T Wells, G de Lange. Elsevier BV, Radarweg 29, PO Box 211, Amsterdam, 1000 AE, Netherlands; JournalsCustomerService@elsevier.com; http://www.elsevier.nl. Illus., index, adv. Refereed. Vol. ends: No. 4. Microform: PQC. Indexed: A01, A22, C&ISA, CerAb, EngInd, IAA, M&GPA, OecAb, PollutAb. Aud.: Ac, Sa.

Along with *Journal of Geophysical Research*, this top-ranked title contains articles on marine geology, geochemistry, and geophysics. The focus is on the science of marine geology rather than its management or hydrodynamics. Multiple volumes are published annually, with one or two addressing a special topic such as tidal sedimentation or prodelta systems. This is a core, but expensive, title for geologic oceanography collections, so consider a collaborative purchase with partner libraries. Available in print and electronically.

3955. *Marine Geophysical Researches: an international journal for the study of the earth beneath the sea.* [ISSN: 0025-3235] 1970. q. EUR 750 (print & online eds.). Ed(s): Shu-Kun Hsu, Peter Clift. Springer Netherlands, Van Godewijkstraat 30, Dordrecht, 3311 GX, Netherlands; http://www.springer.com. Illus., adv. Refereed. Microform: PQC. Reprint: PSC. Indexed: A01, A22, E01, EngInd, IBR, IBZ, M&GPA, OecAb. Aud.: Ac, Sa.

This publication has traditionally dealt with data on the deep ocean basins, but recently has expanded to include the global mid-ocean ridge system and the geophysics of continental margins. Typical articles address techniques and tools for deep-sea-floor imaging and measurement. This affordable publication will be of interest to geologists and oceanographers. Recommended for academic and research libraries that support these types of programs. Available in print and electronically.

*Paleoceanography.* See Paleontology section.

3956. *Progress in Oceanography.* [ISSN: 0079-6611] 1963. 16x/yr. EUR 3047. Ed(s): Cisco Werner, Gregory R Lough. Pergamon, The Blvd, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom; JournalsCustomerService@elsevier.com; http://www.elsevier.com. Illus., index, adv. Sample. Refereed. Vol. ends: No. 4. Microform: PQC. Indexed: A01, A22, ApMeer, C&ISA, CerAb, EngInd, IAA, M&GPA, OecAb, PollutAb, SWRA, ZooRec. Aud.: Ac, Sa.

This is essential reading for oceanographers. It includes longer, comprehensive articles that review aspects of oceanography or offer a treatise on a developing aspect of oceanographic research. Some volumes include collections of papers and conference proceedings. This title 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. Available in print and electronically.

*Tellus, Series A: Dynamic Meteorology and Oceanography.* See Atmospheric Sciences section.

## ■ MARRIAGE AND DIVORCE

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### Introduction

No one planning to marry expects their marriage to end in divorce. While the U.S. divorce rate has declined since hitting a high point in the early 1980s, the lifetime probability of divorce or separation for the average couple marrying for the first time remains between 40 and 50 percent (National Marriage Project, *The State of Our Unions 2007*, <http://marriage.rutgers.edu/Publications/SOUU/SOUU2007.pdf>, p. 18).

Factors contributing to marital stability include higher age, education, and income levels, coming from an intact family, and being religious (*The State of Our Unions 2007*, p. 20). The Tax Foundation reported in October 2005 that the prevalence of dual incomes among married couples had increased by 31 percent between 1980 and 2003, enhancing financial security. Steven P. Martin, in a 2004 paper titled "Growing Evidence for a 'Divorce Divide'?" Education, Race, and Marital Dissolution Rates in the U.S. since the 1970s," found that rates of marital dissolution had decreased by almost half from the 1970s to the 1990s among four-year college graduates (*Working Paper on Social Dimensions of Inequality*, New York: Russell Sage Foundation, 2004, [www.popcenter.umd.edu/people/martin\\_steven/papers/marital\\_dissolutions.doc](http://www.popcenter.umd.edu/people/martin_steven/papers/marital_dissolutions.doc)).

For couples wishing to end their marriages, however, the process of obtaining divorces or dissolutions has eased over the last several decades, and the stigma once associated with doing so has lessened. No-fault divorce laws are on the books in all 50 states. A booming industry of lawyers, mental health experts, and self-help media stands ready to serve those who decide to dissolve their marriages.

The literature of marriage and divorce includes publications that focus on nurturing marriages, plus a few that offer support and information for people who divorce; journals concerned with family, marital, sexual, and relationship counseling, for opposite-sex as well as same-sex couples; and those that report current research findings on the sociology and history of marriage and divorce. Many magazines and journals that include articles on marriage and divorce topics will be found in the Family section, since the dynamic of the marital relationship is so profoundly interwoven with that of the resulting family unit. Some general-interest magazines carry sections on marriage and divorce, for example, *Ladies' Home Journal* with its perennially popular feature called "Can This Marriage Be Saved?" For listings of professionals such as lawyers, counselors, and financial planners, as well as for state-specific information on divorce, you will find up-to-date resources on web sites such as DivorceNet ([www.divorcenet.com](http://www.divorcenet.com)) and Divorce Online ([www.divorceonline.com](http://www.divorceonline.com)).

### Basic Periodicals

Ga: *Fathering Magazine, Ladies' Home Journal, Marriage Magazine*; Ac: *Journal of Divorce & Remarriage, Journal of Family and Economic Issues, Journal of Marriage and Family, Marriage & Family Review; Sa: Contemporary Family Therapy, The Family Journal: Counseling and Therapy for Couples and Families, Family Law Quarterly, Journal of Couple & Relationship Therapy, Journal of Marital and Family Therapy, Journal of Sex & Marital Therapy, Sexual and Relationship Therapy.*