

## MARINE SCIENCE AND TECHNOLOGY

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The primary objective of the *Journal of Business Strategy* is to present practical research designed to facilitate the development of business strategies. This content includes case studies, best practices, survey results, and analyses. Articles are written for middle management across a wide spectrum of industries and organizations. Topics are also diverse and include innovation, marketing strategy, human resources, and mergers and acquisitions, to name just a few. This is the journal to consult for coverage of unique and controversial business topics. Opinion pieces and book reviews are also frequently included. This journal would appeal to academics, students, and practitioners. Recommended for academic libraries that support business programs, corporate libraries, and larger public libraries. URL: www.emeraldinsight.com/journals

**4182. Long Range Planning.** [ISSN: 0024-6301] 1968. 6x/yr. EUR 1598. Ed(s): C. Baden-Fuller. Pergamon, The Boulevard, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom. Illus., index, adv. Refereed. Circ: 4700. Vol. ends: Dec. Microform: MIM; PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* ABIn, AgeL, BPI, EngInd, EnvAb, ExcerptMed, FutSurv, PAIS, PsycInfo, SSCI, SUSA. *Bk. rev.:* 4-7, 400-2,000 words. *Aud.:* Ac, Sa.

Published in association with the Strategic Planning Society (U.K.-based) and the European Strategic Planning Federation, this scholarly journal is devoted to publishing strategic management research with relevance to theorists and practitioners. It presents five to seven research articles six times per year, and the accessible and engaging content covers a plethora of topics, trends, and current developments in the business world. Recent articles address risk management; organizational crisis-preparedness; integrating cross-border acquisitions; and social capital and business incubation. Executive summaries of each article and descriptive book reviews are regular features. The audience of this international journal consists of researchers, executives, and educators, and many of these individuals are affiliated with MBA programs. Appropriate for large academic libraries that support business programs. URL: www.elsevier.com/inca/publications/store/3/5/8/index.htm

**4183. Strategic Management Journal.** [ISSN: 0143-2095] 1979. 13x/yr. USD 1917 print or online ed. Ed(s): Dan Schendel. John Wiley & Sons Ltd., The Atrium, Southern Gate, Chichester, PO19 8SQ, United Kingdom; customer@wiley.co.uk; http://www.wiley.co.uk. Illus., index, adv. Refereed. Circ: 4000. Vol. ends: Dec. Microform: PQC. Online: EBSCO Host; JSTOR (Web-based Journal Archive); OCLC Online Computer Library Center, Inc.; OhioLINK; ProQuest LLC (Ann Arbor); SwetsWise Online Content; Wiley InterScience. Reprint: PSC. *Indexed:* ABIn, ArtHuCI, BAS, BPI, CJA, EngInd, IBSS, PsycInfo, RiskAb, SSCI. *Aud.:* Ac, Sa.

The official publication of the Strategic Management Society, this title presents original material aimed at developing theory or practice in all areas of strategic management. Topics include, but are not limited to, strategic resource allocation, entrepreneurship, competitive technology, organizational purpose and structure, leadership, and strategic decision processes. This journal is published 13 times per year, and each issue contains four to six research articles written by academics. Additional content includes research notes and commentaries. This highly cited journal is recommended for academic libraries that support business programs. URL: http://strategicmanagement.net/pub/smj.php

**4184. Strategy + Business.** [ISSN: 1083-706X] 1995. q. USD 38 domestic; USD 48 foreign. Ed(s): Art Kleiner. Booz & Company, 101 Park Ave, New York, NY 10178. Adv. Circ: 52340 Paid. *Indexed:* C&ISA, CerAb, IAA, LogistBibl. *Aud.:* Ac, Sa.

Published by the consulting firm of Booz & Company, this quarterly publication presents analysis, research, and practical information related to the global business environment. Tapping into their rich history of management consulting experience, the publishers are able to present insightful content with an insider's perspective on the significant issues and trends that impact business today. Lengthy feature articles, regular columns, interviews, and essays are written by a diverse group of contributors that include consultants, academics, and corporate strategists. Much of the content is available on the journal's web site with a free registration. Appropriate for academic, corporate, and public libraries. URL: www.strategy-business.com/magazine

**4185. Strategy & Leadership.** Incorporates (1996-2001): *The Antidote*; Formerly (until 1996): *Planning Review*; Which superseded (in 1985): *Managerial Planning*; Which was formerly: *Budgeting*. [ISSN: 1087-8572] 1972. bi-m. EUR 1449 combined subscription in Europe (print & online eds.); USD 949 combined subscription in North America (print & online eds.); AUD 2749 combined subscription in Australasia (print & online eds.). Ed(s): Mr. Robert Randall. Emerald Group Publishing Limited, Howard House, Wagon Ln, Bingley, BD16 1WA, United Kingdom; information@emeraldinsight.com; http://www.emeraldinsight.com. Illus., adv. Refereed. Vol. ends: Nov/Dec. Reprint: PSC. *Indexed:* ABIn, ATI, BPI, PAIS. *Bk. rev.:* Number and length vary. *Aud.:* Ac, Sa.

*Strategy & Leadership* presents a well-balanced mix of research-based articles and practical knowledge written by academics, consultants, and business professionals. It is published six times per year, and each issue includes six feature 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 presents 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

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### Introduction

Our oceans surround us, and we depend upon them for food, transportation, and recreation. They affect us daily as they shape our climate and rattle our world with unexpected events. Current headlines indicate that they are in flux and perhaps in trouble. Coral reefs are dying due to rising ocean temperatures. Fisheries throughout the world are collapsing, threatening ecosystems and livelihoods. Hypoxic zones suggest that ocean conditions are either shifting from one cycle to another or perhaps into a very different status. Increasing acidification raises concerns for the future of marine life. Are the oceans actually dying or just changing? Inquiring minds want to know.

Librarians serving these inquiring minds face a range of distinct questions. Research scientists examine the problems and explore solutions or answers. The general populace wonders how the shifting ocean environment affects the present and future of the earth. Students want help tackling difficult questions. The marine environment is complex, and its literature is multidisciplinary, interdisciplinary, and highly specialized. Much of the research focuses on the four classic oceanographic disciplines—physical, biological, chemical, and geological. However, general audiences want information that crosses all disciplines.

The audience and the questions being asked should help shape the local collection. A university with a marine engineering program will need different journals than do universities focused on teaching marine biology or high school libraries attempting to cover all of the sciences. Even the core academic

collection, once simple to identify, eludes us as more specialized titles emerge; the general titles expand coverage, causing users to be overwhelmed with information on multiple scales. Librarians need to take particular care in marine science to recognize 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 costs typical to many scientific fields.

There is a dearth of quality, focused marine science titles for the general public, yet the subject is covered in *National Geographic*, *Scientific American*, and other general science and environmental periodicals. The ocean environment intrigues many, so the issues and questions appear frequently throughout the print and electronic media. As with any environmental field, bias can be an issue, making balanced selection essential.

Identifying marine science information is also challenging because not one index covers the field comprehensively. *Web of Science* provides adequate general access. 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. *Aquatic Science and Fisheries Abstracts* (ASFA) is an essential resource for the applied science of the marine and estuarine environments. Policy and management information remains more difficult to access and requires multiple indexes including ASFA, *Google Scholar*, and relevant social sciences databases. For general public and basic academic collections, an index such as EBSCO's *Academic Search Premier* is adequate.

Our relationship with the ocean will not disappear. People will continue to want timely information on ocean conditions, its inhabitants, and its problems. The scientists continue their exploration. New journals emerge to address the timely issues in new and traditional ways. The American Fisheries Society will launch its open-access journal, *Marine and Coastal Fisheries*, sometime in late 2008 or early 2009. A new annual review is due in late 2008 as well, *Annual Review of Marine Science*. The ever-changing and dynamic nature of the ocean is well reflected in the information that describes it.

## Basic Periodicals

Hs, Ga: *Coastal Kids*, *Current*, *Explorations (La Jolla)*, *Oceanus*; Ac: *Advances in Marine Biology*, *Deep-Sea Research, Parts 1 and 2*, *Journal of Experimental Marine Biology and Ecology*, *Journal of Marine Research*, *Journal of Physical Oceanography*, *Limnology and Oceanography*, *Marine Biology*, *Marine Ecology-Progress Series*, *Marine Geology*, *Marine Mammal Science*, *Oceanography*, *Oceanography and Marine Biology*, *Progress in Oceanography*.

## Basic Abstracts and Indexes

*Aquatic Sciences and Fisheries Abstracts*, *BIOSIS*, *National Sea Grant Library Database* (<http://nsgl.gso.uri.edu>), *Web of Science*.

**4186. *Advances in Marine Biology*.** [ISSN: 0065-2881] 1963. irreg. Ed(s): David W Sims. Academic Press, 525 B St, Ste 1900, San Diego, CA 92101-4495; [apsubs@acad.com](mailto:apsubs@acad.com); <http://www.elsevier.com>. Index. Refereed. *Indexed:* ApEcolAb, B&AI, ChemAb, OceAb, SCI, ZooRec. *Aud.:* Ac.

This provides in-depth, timely reviews 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 to four review articles on unrelated topics, while others focus on a theme such as aquatic geomicrobiology or biogeography of the oceans. Essential to both academic and research libraries.

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

**4187. *Applied Ocean Research*.** [ISSN: 0141-1187] 1979. 6x/yr. EUR 1044. Ed(s): M Kashiwahi, S K Chakrabarti. Pergamon, The Boulevard, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom;

<http://www.elsevier.nl>. Adv. Refereed. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* ApMecR, EngInd, M&GPA, OceAb, PetrolAb, SCI, SWRA. *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. Useful for specialized research collections with engineering interests in the marine environment. Available in print and electronically.

**4188. *Aquatic Botany*.** [ISSN: 0304-3770] 1975. 8x/yr. EUR 1461. Ed(s): Jan Vermaat, Dr. G Bowes. Elsevier BV, Radarweg 29, Amsterdam, 1043 NX, Netherlands; [ninfo-f@elsevier.nl](mailto:ninfo-f@elsevier.nl); <http://www.elsevier.nl>. Illus., index, adv. Refereed. Vol. ends: No. 4. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* ApEcolAb, BiolAb, CABA, ChemAb, EnvAb, EnvInd, ExcerptMed, ForAb, HortAb, IndVet, OceAb, RRTA, S&F, SCI, SWRA, VB. *Bk. rev.:* 1-2, 1,000-3,000 words, signed. *Aud.:* Ac, Sa.

This title addresses research on aquatic and marine plant communities. Coverage is fairly evenly split between freshwater and saltwater/brackish, with a strong interest in various types of wetlands. Articles examine community dynamics as well as plant structure and function. While highly specialized, it is recommended for academic collections supporting botany and environmental studies. Available in print and electronically.

**4189. *Aquatic Conservation: marine and freshwater ecosystems*.** [ISSN: 1052-7613] 1991. 7x/yr. USD 1156 print or online ed. Ed(s): John M. Baxter, Philip Boon. John Wiley & Sons Ltd., The Atrium, Southern Gate, Chichester, PO19 8SQ, United Kingdom; [customer@wiley.co.uk](mailto:customer@wiley.co.uk); <http://www.wiley.co.uk>. Illus., adv. Refereed. Circ: 500. Vol. ends: No. 4. Microform: PQC. Online: EBSCO Host; OhioLINK; SwetsWise Online Content; Wiley InterScience. Reprint: PSC. *Indexed:* ApEcolAb, BiolAb, CABA, EnvAb, EnvInd, FPA, ForAb, HortAb, IndVet, OceAb, PollutAb, RRTA, S&F, SCI, 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 range from the effect of invasive species on habitats, to the relationship of land/water use, to species distribution, to habitat modeling for conservation ends. Special issues appear annually, usually as supplements, and address issues such as wetlands management. Recommended for academic collections with aquatic, conservation, and resource management interests. Available in print and electronically.

**4190. *Aquatic Living Resources: international journal devoted to aquatic resources*.** Incorporates: *Revue des Travaux de l'Institut des Peches Maritimes*; Formerly (until 1987): *Aquatic Living*; *I F R E M E R. Revue des Travaux*. [ISSN: 0990-7440] 1928. q. EUR 383 combined subscription domestic print & online eds.; EUR 396 combined subscription in the European Union print & online eds.; EUR 430 combined subscription elsewhere print & online eds. Ed(s): B Milcendau. E D P Sciences, 17 Ave du Hoggar, Parc d'Activites de Courtaboeuf, BP 112, Les Ulis, F-91944, France; [subscribers@edpsciences.org](mailto:subscribers@edpsciences.org); <http://www.edpsciences.org>. Illus. Refereed. Circ: 950. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* BiolAb, C&ISA, CABA, CerAb, ForAb, HortAb, IAA, IndVet, OceAb, RRTA, S&F, SCI, SWRA, VB, WAE&RSA, ZooRec. *Aud.:* Ac.

Applied research on the living resources in aquatic habitats, from freshwater to marine, is 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 is dedicated to a special issue such as fish aggregating devices or cephalopod life history and fisheries. Appropriate for academic collections with a strong marine and fisheries focus. Available in print and electronically. URL: [www.alr-journal.org](http://www.alr-journal.org).

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- 4191. 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. Refereed. Circ: 300. Vol. ends: No. 3. *Indexed:* BiolAb, IndVet, OceAb, VB, ZooRec. *Bk. rev.:* 1, 1,000 words. *Aud.:* Ac, Sa.

The European Association for Aquatic Mammals and the Alliance of Marine Mammals Parks and Aquariums share a strong interest in the care and conservation of aquatic mammals. Articles reflect this interest, covering health issues and human interaction as well as basic life history of various species. They vary in length from brief observations of behavior to in-depth descriptions of disease. The journal focuses more on medicine and care than *Marine Mammal Science*, another of the few titles addressing marine mammals. Appropriate for academic collections with marine mammal research and veterinary schools. Available in print and electronically. URL: [www.eaam.org/journal\\_aquatic\\_mammals](http://www.eaam.org/journal_aquatic_mammals).

*Biological Bulletin.* See Zoology section.

- 4192. Botanica Marina.** [ISSN: 0006-8055] 1957. bi-m. EUR 1169; EUR 1344 combined subscription print & online eds. Ed(s): A R O Chapman. Walter de Gruyter GmbH & Co. KG, Genthiner Str 13, Berlin, 10785, Germany; [bot.mar.editorial@degruyter.de](mailto:bot.mar.editorial@degruyter.de); <http://www.degruyter.com/journals/bm>. Illus., adv. Sample. Refereed. Circ: 450 Paid. Online: EBSCO Host; OCLC Online Computer Library Center, Inc.; SwetsWise Online Content. Reprint: PSC. *Indexed:* ApEcolAb, BiolAb, CABA, ChemAb, DSA, FPA, ForAb, HortAb, OceAb, S&F, SCI, SWRA, WAE&RSA, ZooRec. *Aud.:* Ac, Sa.

This journal covers all aspects of marine algae and marine angiosperms and is global in scope. It includes work on taxonomy and basic biology as well as 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 academic collections, especially those with strong botany or marine collections. Available in print and electronically.

- 4193. 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](mailto:bms@rsmas.miami.edu); <http://www.rsmas.miami.edu/bms/>. Refereed. Circ: 1000 Paid. *Indexed:* AnBeAb, ApEcolAb, B&AI, BiolAb, CABA, ChemAb, EnvAb, EnvInd, ExcerptMed, ForAb, HortAb, IBR, IndVet, M&GPA, OceAb, PetrolAb, PollutAb, RRTA, S&F, SCI, 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. Available in print and electronically.

- 4194. 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/cbmintrou\\_eng.html](http://www.sb-roscoff.fr/cbmintrou_eng.html). Illus., adv. Refereed. Circ: 400. *Indexed:* BiolAb, CABA, ChemAb, FPA, ForAb, HortAb, IndVet, OceAb, PollutAb, S&F, SCI, 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. Appropriate for academic institutions supporting international marine biology research and education.

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

- 4195. Coastal Engineering.** [ISSN: 0378-3839] 1977. 12x/yr. EUR 1734. Ed(s): H F Burcharth. Elsevier BV, Radarweg 29, Amsterdam, 1043 NX, Netherlands; [ninfo-f@elsevier.nl](mailto:ninfo-f@elsevier.nl); <http://www.elsevier.nl>. Refereed. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* ApMecR, C&ISA, CerAb, EngInd, EnvAb, IAA, M&GPA, OceAb, PetrolAb, PollutAb, SCI, SWRA, WRCInf. *Aud.:* Ac, Sa.

Another example of a highly specialized title, *Coastal Engineering* is a sister journal to *Applied Ocean Research*. The focus here is on near-shore engineering issues, with particular interest in coastal structures (breakwaters and jetties) and 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.

- 4196. Coastal Services: the magazine that links people, resources and information.** 1998. bi-m. National Oceanic and Atmospheric Administration (NOAA), Coastal Services Center, 2234 S Hobson Ave, Charleston, SC 29405-2413. *Indexed:* SWRA. *Aud.:* Hs, Ac, Sa.

This newsletter provides useful information for coastal resource managers and others interested in coastal issues. Produced by the U.S. National Oceanic and Atmospheric Administration's Coastal Services Center, it highlights projects throughout the country and solutions or strategies to address real issues. The print version is more attractive than the online edition, yet the latter is convenient for the links to other resources. Appropriate for public and academic collections with an audience interested in coastal issues and policy. Available in print and electronically.

- 4197. Continental Shelf Research.** [ISSN: 0278-4343] 1982. 20x/yr. EUR 2381. Ed(s): Richard W Sternberg, Michael B Collins. Pergamon, The Boulevard, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom. Refereed. Vol. ends: No. 21. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* ApEcolAb, C&ISA, CABA, CerAb, DSA, ForAb, IAA, IndVet, M&GPA, OceAb, PollutAb, S&F, SCI, SWRA, VB, WRCInf, ZooRec. *Aud.:* Ac, Sa.

This journal focuses on the shallow marine environment 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. A core title for oceanography collections, although less important for biologically focused collections. Available in print and electronically.

- 4198. Coral Reefs.** Formerly: *International Society for Reef Studies. Journal*. [ISSN: 0722-4028] 1982. 4x/yr. EUR 1072 (print & online eds.). Ed(s): Barbara E Brown. Springer, Tiergartenstr 17, Heidelberg, 69121, Germany. Adv. Refereed. Microform: PQC. Online: EBSCO Host; IngentaConnect; OhioLINK; Springer LINK; SwetsWise Online Content. Reprint: PSC. *Indexed:* BiolAb, OceAb, PollutAb, SCI, 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 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. Appropriate for academic marine science collections and possibly for environmental studies collections. Available in print and electronically.

*Coastal Kids.* See Children section.

**4199. Current: the journal of marine education.** [ISSN: 0889-5546] 1976. q. Membership, USD 40. Ed(s): Lisa Tooker. National Marine Educators Association, David Niebuhr, Mote Marine Laboratory, Sarasota, FL 34236; <http://www.marine-ed.org>. Illus., adv. Refereed. Circ: 1500. Aud.: Ac, Sa.

The National Marine Educators Association compiles this journal for science teachers. However, this title provides well-written, scientifically accurate articles of interest to students and the general reader. Each issue focuses on a single topic (e.g., hydrothermal vents, invasive species), providing a variety of articles, classroom activities, and additional resources. Useful for public and academic collections involved with teachers, home schoolers, and aquarium volunteers.

**4200. Deep-Sea Research. Part 1: Oceanographic Research Papers.**

Supersedes in part (until 1993): *Deep-Sea Research. Part A: Oceanographic Research Papers*; Which had former titles (until 1979): *Deep-Sea Research (New York, 1977)*; (until 1977): *Deep-Sea Research and Oceanographic Abstracts*; (until 1961): *Deep-Sea Research (New York, 1953)*. [ISSN: 0967-0637] 1953. 12x/yr. EUR 2764. Ed(s): M Bacon. Pergamon, The Boulevard, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom. Illus., index, adv. Refereed. Vol. ends: No. 10. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. Indexed: BiolAb, C&ISA, CABA, CerAb, ChemAb, EngInd, ExcerptMed, IAA, M&GPA, OceAb, PetrolAb, SCI, 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 reporting results on theoretical, instrumentation, 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. Available in print and electronically.

**4201. Deep-Sea Research. Part 2: Topical Studies in Oceanography.**

Supersedes in part (in 1993): *Deep-Sea Research. Part A, Oceanographic Research Papers*; Which was formerly (until 1978): *Deep-Sea Research (New York, 1977)*; (until 1976): *Deep-Sea Research and Oceanographic Abstracts*; (until 1961): *Deep-Sea Research (New York, 1953)*. [ISSN: 0967-0645] 1993. 26x/yr. EUR 3692. Ed(s): John Milliman. Pergamon, The Boulevard, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom. Refereed. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. Indexed: C&ISA, CABA, CerAb, ChemAb, EngInd, IAA, M&GPA, OceAb, S&F, SCI, ZooRec. Aud.: Ac, Sa.

Topical issues 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 nontext supporting materials (numerical data, images, and video) that 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. Available in print and electronically.

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

**Earth Interactions.** See Atmospheric Sciences section.

**4202. Earth System Monitor.** [ISSN: 1068-2678] 1991. q. Free. U.S. National Oceanographic Data Center, NOAA NESDIS E/OC, SSMC3, 4th Flr, Silver Spring, MD 20910-3282; [nodc.services@noaa.gov](mailto:nodc.services@noaa.gov); <http://www.nodc.noaa.gov>. Indexed: BiolDig, EnvAb, EnvInd, OceAb, PollutAb, SWRA. Aud.: Ga, Ac.

National Oceanic and Atmospheric Association research programs, information products, and services are described in this freely available newsletter. Short articles and links to additional information on NOAA environmental data and

research programs explain current problems and issues related to the ocean and the atmosphere. Appropriate for general audiences as well as marine scientists. Available in print and electronically. URL: [www.nodc.noaa.gov/General/NODCPubs/ESM/esm.html](http://www.nodc.noaa.gov/General/NODCPubs/ESM/esm.html).

**4203. Estuaries and Coasts.** Former titles (until Feb. 2006): *Estuaries; Chesapeake Science*. [ISSN: 1559-2723] 1978. bi-m. EUR 317 (print & online eds.). Ed(s): Carlos Duarte, J Cloern. Springer New York LLC, 233 Spring St, New York, NY 10013-1578; [journals@springer-ny.com](mailto:journals@springer-ny.com); <http://www.springer.com>. Illus., index, adv. Refereed. Circ: 1800. Vol. ends: No. 4. Microform: MIM; PMC; PQC. Online: EBSCO Host; IngentaConnect; JSTOR (Web-based Journal Archive). Indexed: Agr, AnBeAb, ApEcolAb, BiolAb, CABA, ChemAb, ExcerptMed, ForAb, HortAb, M&GPA, OceAb, PollutAb, RRTA, S&F, SCI, SWRA, WAE&RSA, WRCInf, ZooRec. Bk. rev.: 2, 500 words. Aud.: Ac.

More limited than *Estuarine, Coastal and Shelf Science, Estuaries and Coasts* (formerly *Estuaries*) focuses on the ecology, dynamics, and habitats within the ocean/land interface. Many of the articles describe eastern U.S. projects, with a handful on the Pacific coast and other parts of the world. 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. Available in print and electronically.

**4204. Estuarine, Coastal and Shelf Science.** Formerly (until 1982):

*Estuarine and Coastal Marine Science*. [ISSN: 0272-7714] 1973. 20x/yr. EUR 3247. Ed(s): D S McClusky, I Valiela. Academic Press, Harcourt Pl, 32 Jamestown Rd, London, NW1 7BY, United Kingdom; [apsubs@acad.com](mailto:apsubs@acad.com); <http://www.elsevier.com/>. Illus., index, adv. Refereed. Vol. ends: No. 6. Online: EBSCO Host; Gale; IngentaConnect; OCLC Online Computer Library Center, Inc.; OhioLINK; ScienceDirect; SwetsWise Online Content. Reprint: PSC. Indexed: ApEcolAb, BiolAb, C&ISA, CABA, CerAb, ChemAb, EnvAb, EnvInd, ExcerptMed, FPA, ForAb, HortAb, IAA, IndVet, M&GPA, OceAb, PetrolAb, PollutAb, RRTA, S&F, SCI, SWRA, VB, WAE&RSA, WRCInf, ZooRec. Aud.: Ac.

This title provides a focused forum dealing 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. An important part of any marine science collection. Available in print and electronically.

**European Journal of Phycology** See Botany section.

**4205. 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 Criqui. Scripps Institution of Oceanography, Technical Publications Office, University of California at San Diego, 9500 Gilman Dr, La Jolla, CA 92093-0233; [techpubs@sio.uscd.edu](mailto:techpubs@sio.uscd.edu). Illus. Circ: 18000. Aud.: Ems, Hs, Ga.

The research of the Scripps Institution of Oceanography is reported in feature articles, short highlights, and profiles of scientists. This e-magazine serves its purpose as an outreach tool to the public and those interested in the Scripps Institution. The content reflects the breadth of Scripps marine research both geographically and topically. A special section, "Voyager for Kids," targets school-age children with stories and activities. The digital archives are complete for past print issues but limited to selected sections of the recent web versions. Appropriate for middle school audiences and academic collections with a strong undergraduate marine program. Electronic only.

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

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

**G3: Geochemistry, Geophysics, Geosystems.** See Earth Sciences section.

**4206. *Global and Planetary Change*.** [ISSN: 0921-8181] 1988. 20x/yr.

EUR 1741. Ed(s): T M Cloetingh. Elsevier BV, Radarweg 29, Amsterdam, 1043 NX, Netherlands; nlinfo-f@elsevier.nl; <http://www.elsevier.nl>. Illus., index, adv. Refereed. Vol. ends: No. 6. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* ApEcolAb, C&ISA, CABA, CerAb, EnvAb, EnvInd, FR, ForAb, IAA, M&GPA, OceAb, PollutAb, S&F, SCI, SSCI, SWRA, 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. Useful for a wide variety of academic institutions, particularly those with environmental studies and oceanography programs. Available in print and electronically.

**4207. *Global Biogeochemical Cycles: an international journal of global change*.** [ISSN: 0886-6236] 1987. q. USD 604. Ed(s): Meinrat O.

Andreae. American Geophysical Union, 2000 Florida Ave, NW, Washington, DC 20009-1277; <http://www.agu.org>. Illus., adv. Refereed. Vol. ends: No. 4. Online: EBSCO Host. *Indexed:* Agr, ApEcolAb, CABA, ChemAb, FPA, ForAb, HortAb, M&GPA, OceAb, PollutAb, S&F, SCI, SWRA, WAE&RSA. *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. An essential part of academic library collections supporting oceanography and environmental studies programs. Available in print and electronically.

**4208. *Harmful Algae*.** [ISSN: 1568-9883] 2002. 6x/yr. EUR 382. Ed(s):

Theodore Smayda, Dr. Sandra E. Shumway. Elsevier BV, Radarweg 29, Amsterdam, 1043 NX, Netherlands; nlinfo-f@elsevier.nl; <http://www.elsevier.nl>. *Indexed:* BiolAb, CABA, FS&TA, HortAb, IndVet, OceAb, RRTA, S&F, SCI, VB, 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. Appropriate for libraries supporting research in marine science and botany as well as those serving an extensive environmental studies program.

**4209. *ICES 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*. [ISSN: 1054-3139] 1926. 9x/yr. GBP 629. Ed(s): A I L Payne. 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. Refereed. Circ: 1000. Online: EBSCO Host; Gale; HighWire Press; IngentaConnect; OCLC Online Computer Library Center, Inc.; OhioLINK; SwetsWise Online Content. Reprint: PSC. *Indexed:* BiolAb, C&ISA, CABA, CerAb, ChemAb, EnvAb, EnvInd, FS&TA, HortAb, IAA, IndVet, OceAb, PollutAb, RRTA, S&F, SCI, SWRA, 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 through biology and 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. An essential title for marine science research collections. Available in print and electronically.

**4210. *IEEE Journal of Oceanic Engineering*.** [ISSN: 0364-9059] 1976. q.

USD 305. Ed(s): Christian de Moustier. IEEE, 445 Hoes Ln, Piscataway, NJ 08854-1331; [subscription-service@ieee.org](mailto:subscription-service@ieee.org); <http://www.ieee.org>. Illus., index, adv. Refereed. Vol. ends: No. 4. Online: Pub.; EBSCO Host. *Indexed:* AS&TI, C&ISA, CerAb, EngInd, H&SSA, IAA, M&GPA, OceAb, PetrolAb, SCI. *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. More important than *Ocean Engineering* to both engineering and oceanographic collections. Available in print and electronically, though mainly the latter through IEEE. URL: [www.oceanicengineering.org/main.cfm?id=7&r1=6.00&level=1](http://www.oceanicengineering.org/main.cfm?id=7&r1=6.00&level=1).

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

**4211. *The Journal of Cetacean Research and Management*.** [ISSN:

1561-0713] 1999. 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, CB4 9NP, United Kingdom; [secretariat@iwcoffice.org](mailto:secretariat@iwcoffice.org); <http://www.iwcoffice.org>. Refereed. *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*, containing population trends, discussion of issues and concerns, and management updates. Appropriate for research collections with strong marine mammal programs.

**4212. *Journal of Coastal Research: an international forum for the littoral sciences*.** Formerly (until 1984): *Litoralia*. [ISSN: 0749-0208] 1985. q.

Individuals, USD 125 print & online eds. Ed(s): Charles W Finkl, Jr. Coastal Education & Research Foundation, Inc., PO Box 210187, Royal Palm Beach, FL 33421-0187; [cfinkl@gate.net](mailto:cfinkl@gate.net); <http://www.cerf-jcr.com>. Illus., index, adv. Refereed. Circ: 1500. Vol. ends: No. 4. *Indexed:* AS&TI, BiolAb, BiolDig, C&ISA, CABA, CerAb, ExcerptMed, ForAb, HortAb, IAA, M&GPA, OceAb, PollutAb, RRTA, S&F, SCI, SSCI, SWRA, 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 addressing a geographic area or topic of interest. The quality of the illustrations is excellent. A solid choice for libraries with marine and geosciences collections. Available in print and electronically.

**4213. *Journal of Experimental Marine Biology and Ecology*.** [ISSN:

0022-0981] 1967. 28x/yr. EUR 4999. Ed(s): Dr. Sandra E. Shumway, R Hughes. Elsevier BV, Radarweg 29, Amsterdam, 1043 NX, Netherlands; nlinfo-f@elsevier.nl; <http://www.elsevier.nl>. Illus., index, adv. Refereed. Vol. ends: No. 2. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* ApEcolAb, B&AI, BiolAb, CABA, ChemAb, DSA, EnvAb, EnvInd, ExcerptMed, ForAb, HortAb, IndVet, OceAb, PollutAb, RRTA, S&F, SCI, SSCI, SWRA, VB, 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. Available in print and electronically.

*Journal of Geophysical Research.* See Earth Sciences section.

**4214. *Journal of Marine Research.*** [ISSN: 0022-2402] 1937. bi-m. USD 150 (Individuals, USD 50). Ed(s): George Veronis. Sears Foundation for Marine Research, Kline Geology Laboratory, Yale University, New Haven, CT 06520-8109; jmr@yale.edu. Illus., index. Refereed. Circ: 1000. Vol. ends: No. 6. Microform: PMC; PQC. Online: EBSCO Host; Gale; IngentaConnect. *Indexed:* ApEcolAb, ApMecR, B&AI, BiolAb, ChemAb, ExcerptMed, GSI, M&GPA, OceAb, PetrolAb, PollutAb, SCI, SWRA, 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 affordably priced. Essential to all marine science collections. Available in print and electronically.

**4215. *Journal of Marine Science and Technology.*** [ISSN: 0948-4280] 1996. q. EUR 207 (print & online eds.). Ed(s): Y 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:* EngInd, OceAb, SCI. *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; important to the field, but not terribly relevant to others in marine science. Appropriate only for libraries supporting marine engineering studies.

**4216. *Journal of Marine Systems.*** [ISSN: 0924-7963] 1990. 20x/yr. EUR 2590. Ed(s): W Fennel. Elsevier BV, Radarweg 29, Amsterdam, 1043 NX, Netherlands; [nlinfo-f@elsevier.nl](mailto:nlinfo-f@elsevier.nl); <http://www.elsevier.nl>. Illus., adv. Refereed. Vol. ends: No. 4. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* C&ISA, CABA, CerAb, EngInd, EnvAb, IAA, M&GPA, OceAb, PollutAb, S&F, SCI, SWRA, ZooRec. *Aud.:* Ac, Sa.

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

**4217. *Journal of Oceanography.*** Supersedes in part (in 1992): *Oceanographical Society of Japan. Journal.* [ISSN: 0916-8370] 1941. bi-m. EUR 1073 (print & online eds.). Springer Netherlands, Van Godewijckstraat 30, Dordrecht, 3311 GX, Netherlands; <http://www.springer.com>. Illus., adv. Refereed. Circ: 2100. *Indexed:* ChemAb, M&GPA, OceAb, PollutAb, SCI, SWRA, 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. Most useful for oceanography collections supporting research in the Pacific. Available in print and electronically.

*Journal of Phycology.* See Botany section.

**4218. *Journal of Physical Oceanography.*** [ISSN: 0022-3670] 1971. m. USD 428. Ed(s): Peter Muller. American Meteorological Society, 45 Beacon St, Boston, MA 02108; [amsinfo@ametsoc.org](mailto:amsinfo@ametsoc.org); <http://ams.allenpress.com>. Illus., index, adv. Refereed. Circ: 1397. Vol. ends: No. 12. Online: Allen Press Inc.; EBSCO Host; Northern Light

Technology, Inc.; OCLC Online Computer Library Center, Inc.; ProQuest K-12 Learning Solutions; ProQuest LLC (Ann Arbor). *Indexed:* ApMecR, BioDig, CCMJ, ChemAb, EngInd, IAA, M&GPA, MSN, MathR, OceAb, PetrolAb, SCI, 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. A core journal for all academic libraries serving an oceanography program. Available in print and electronically.

**4219. *Journal of Plankton Research.*** [ISSN: 0142-7873] 1979. 13x/yr. GBP 591. Ed(s): Roger Harris. Oxford University Press, Great Clarendon St, Oxford, OX2 6DP, United Kingdom; [jnl.orders@oup.co.uk](mailto:jnl.orders@oup.co.uk); <http://www.oxfordjournals.org>. Illus., index, adv. Refereed. Circ: 620. Vol. ends: No. 3. Online: EBSCO Host; Gale; HighWire Press; IngentaConnect; OCLC Online Computer Library Center, Inc.; OhioLINK; Ovid Technologies, Inc.; Oxford Journals; ProQuest LLC (Ann Arbor); SwetsWise Online Content. Reprint: PSC. *Indexed:* AnBeAb, ApEcolAb, AriHuCI, B&AI, BiolAb, CABA, ChemAb, FPA, ForAb, IndVet, OceAb, PollutAb, RRTA, S&F, SCI, SWRA, 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 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. An essential title for biological oceanography research collections. Available in print and electronically.

**4220. *Journal of Sea Research.*** Formerly (until vol.35, 1996): *Netherlands Journal of Sea Research.* [ISSN: 1385-1101] 1961. 8x/yr. EUR 649. Ed(s): C. J.M. Philippart, H G Epping. Elsevier BV, Radarweg 29, Amsterdam, 1043 NX, Netherlands; [nlinfo-f@elsevier.nl](mailto:nlinfo-f@elsevier.nl); <http://www.elsevier.nl>. Refereed. Circ: 600. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* ApEcolAb, BiolAb, C&ISA, CABA, CerAb, ChemAb, EnvAb, EnvInd, ExcerptMed, IAA, M&GPA, OceAb, S&F, SCI, ZooRec. *Aud.:* Ac, Sa.

Another of the many titles examining coastal and shelf ecosystems, this journal has a northern European bias, yet covers topics of interest to coastal scientists everywhere. Appropriate for research collections in the marine sciences. Available in print and electronically.

**4221. *Journal of Waterway, Port, Coastal, and Ocean Engineering.*** Former titles (until 1982): *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 1973): *American Society of Civil Engineers. Waterways and Harbors Division. Journal;* (until 1956): *American Society of Civil Engineers. Waterways Division. Journal.* [ISSN: 0733-950X] 1956. bi-m. USD 394 (Members, USD 94). Ed(s): Vijay Panchang. American Society of Civil Engineers, 1801 Alexander Bell Dr, Reston, VA 20191-4400; <http://www.asce.org>. Illus. Refereed. Circ: 2000. Microform: PQC. Online: American Institute of Physics, Scitation; EBSCO Host; SwetsWise Online Content. *Indexed:* AS&TI, C&ISA, CerAb, EngInd, EnvAb, EnvInd, H&SSA, HRIS, IAA, M&GPA, OceAb, PetrolAb, PollutAb, SCI, 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. Essential for engineering collections with interest in the marine and aquatic environments. Available in print and electronically.

**4222. *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:* AnBeAb, ApEcolAb, B&AI, BiolAb, CABA, ChemAb, EnvAb, EnvInd, ExcerptMed, ForAb, GSI, IndVet, M&GPA, OceAb, PollutAb, S&F, SCI, 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 it is not limited to North America in geographic scope. The 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*. The focus of this journal is aquatic ecosystems and includes original research articles on all aspects of limnology and oceanography. An essential journal for any academic institution with a marine biology or oceanography program. Available in print and electronically.

**4223. *Limnology and Oceanography: Methods*.** [ISSN: 1541-5856] 2003. m. American Society of Limnology and Oceanography, Inc., 5400 Bosque Blvd, Ste 680, Waco, TX 76710-4446; business@aslo.org; http://www.aslo.org. Refereed. *Indexed:* ApEcolAb, M&GPA, OceAb, SCI, SWRA, 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 addressing 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.

**4224. *Marine and Freshwater Research*.** Formerly (until 1995): *Australian Journal of Marine and Freshwater Research*. [ISSN: 1323-1650] 1950. m. AUD 1775 (print & online eds.). Individuals, AUD 200 (print & online eds.). Ed(s): K Hunter, A J Boulton. C S I R O, 150 Oxford St, PO Box 1139, Collingwood, VIC 3066, Australia; publishing@csiro.au; http://www.publish.csiro.au/. Illus., index, adv. Refereed. Circ: 700. Vol. ends: No. 8. Microform: PQC. Online: EBSCO Host; Gale; OCLC Online Computer Library Center, Inc.; SwetsWise Online Content. *Indexed:* AnBeAb, ApEcolAb, BiolAb, C&ISA, CABA, CerAb, ChemAb, EnvAb, EnvInd, ExcerptMed, FPA, FS&TA, ForAb, HortAb, IAA, IndVet, M&GPA, OceAb, PollutAb, RRTA, S&F, SCI, 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. Recommended for academic libraries supporting marine or aquatic-based programs.

**4225. *Marine Biological Association of the United Kingdom. Journal*.** [ISSN: 0025-3154] 1887. bi-m. GBP 825. Ed(s): Ann Pulsford. Cambridge University Press, The Edinburgh Bldg, Shaftesbury Rd, Cambridge, CB2 2RU, United Kingdom; journals@cambridge.org; http://www.journals.cambridge.org. Illus., index, adv. Refereed. Vol. ends: No. 4. Microform: BHP; PQC. Online: Pub.; EBSCO Host; OCLC Online Computer Library Center, Inc.; OhioLINK; SwetsWise Online Content. *Indexed:* AnBeAb, ApEcolAb, B&AI, BiolAb, CABA, ChemAb, DSA, ForAb, HortAb, IndVet, OceAb, PollutAb, S&F, SCI, VB, 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. Appropriate for all academic research libraries with a marine biology program.

**4226. *Marine Biology: international journal on life in oceans and coastal waters*.** [ISSN: 0025-3162] 1967. m. EUR 5598 (print & online eds.). Ed(s): Ulrich Sommer. Springer, Tiergartenstr 17, Heidelberg, 69121, Germany. Illus., adv. Sample. Refereed. Vol. ends: No. 4. Microform: PQC. Online: EBSCO Host; IngentaConnect; OhioLINK; ProQuest LLC (Ann Arbor); Springer LINK; SwetsWise Online Content. Reprint: PSC. *Indexed:* AnBeAb, ApEcolAb, B&AI, BiolAb, CABA, ChemAb, DSA, EnvAb, EnvInd, ExcerptMed, FS&TA, ForAb, HortAb, IBR, IndVet, OceAb, S&F, SCI, SWRA, VB, ZooRec. *Aud.:* Ac, Sa.

This journal is very broad in scope, and includes articles on all aspects of plankton research, biological and biochemical oceanography, environment-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. A broadly focused journal essential to every marine science collection.

**4227. *Marine Biology Research*.** Formed by the merger of (1961-2005): *Sarsia*; (1964-2005): *Ophelia*. [ISSN: 1745-1000] 2005. bi-m. GBP 223 print & online eds. Ed(s): Tom Fenchel, Franz Uiblein. Taylor & Francis Ltd., 4 Park Sq, Milton Park, Abingdon, OX14 4RN, United Kingdom; info@tandf.co.uk; http://www.tandf.co.uk/journals. Reprint: PSC. *Indexed:* ApEcolAb, BiolAb, CABA, HortAb, IndVet, OceAb, SCI, 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. Core to academic and research institutions with marine biology or oceanography collections.

**4228. *Marine Biotechnology*.** Formed by the merger of (1992-1998): *Molecular Marine Biology and Biotechnology*; (1993-1998): *Journal of Marine Biotechnology*. [ISSN: 1436-2228] 1998. bi-m. EUR 776 (print & online eds.). Ed(s): J Grant Burgess, Zhanjiang Liu. Springer New York LLC, 233 Spring St, New York, NY 10013-1578; journals@springer-ny.com; http://www.springer.com/. Illus., adv. Refereed. Vol. ends: No. 4. Online: EBSCO Host; IngentaConnect; OhioLINK; Springer LINK; SwetsWise Online Content. Reprint: PSC. *Indexed:* BioEngAb, BiolAb, CABA, ChemAb, DSA, EngInd, FS&TA, ForAb, HortAb, IndVet, OceAb, PollutAb, S&F, SCI, 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. Appropriate in libraries supporting marine biology and molecular biology research and advanced undergraduate studies.

**4229. *Marine Chemistry*.** [ISSN: 0304-4203] 1972. 20x/yr. EUR 2419. Ed(s): Frank J Millero. Elsevier BV, Radarweg 29, Amsterdam, 1043 NX, Netherlands; nlinfo-f@elsevier.nl; http://www.elsevier.nl. Illus., adv. Refereed. Vol. ends: No. 4. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* BiolAb, C&ISA, CerAb, ChemAb, ExcerptMed, IAA, M&GPA, OceAb, PetrolAb, PollutAb, SCI, SWRA, WRCInf. *Aud.:* Ac, Sa.

This title includes original research and occasional reviews addressing 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. Appropriate for academic collections supporting a research program in marine chemistry or oceanography.

**4230. *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; <http://www.int-res.com>. Illus., index, adv. Refereed. Circ: 1000. Vol. ends: No. 3. *Indexed:* AnBeAb, ApEcolAb, BiolAb, CABA, ChemAb, DSA, ForAb, HortAb, IBR, IndVet, M&GPA, OceAb, PollutAb, RRTA, S&F, SCI, 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. A core title for libraries supporting teaching and research in environmental studies and marine biology.

**4231. 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 1735. Ed(s): Dr. R. Spies, Dr. John Widdows. Elsevier Ltd., The Boulevard, Langford Ln, Oxford, OX5 1GB, United Kingdom. Illus., index, adv. Refereed. Vol. ends: No. 5. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* BiolAb, C&ISA, CABA, CerAb, ChemAb, DSA, EngInd, EnvAb, EnvInd, ExcerptMed, FPA, FS&TA, ForAb, HortAb, IAA, IndVet, OceAb, PetrolAb, PollutAb, RRTA, S&F, SCI, 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. Useful for extensive marine science collections.

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

**4232. Marine Geodesy: an international journal of ocean surveys, mapping and sensing.** [ISSN: 0149-0419] 1977. q. GBP 329 print & online eds. Ed(s): Dr. Narendra K Saxena, Rongxing Li. Taylor & Francis Inc., 325 Chestnut St, Ste 800, Philadelphia, PA 19016; [orders@taylorandfrancis.com](mailto:orders@taylorandfrancis.com); <http://www.taylorandfrancis.com>. Illus. Refereed. Vol. ends: No. 4. Online: EBSCO Host; Gale; IngentaConnect; OCLC Online Computer Library Center, Inc.; SwetsWise Online Content. Reprint: PSC. *Indexed:* EnvAb, EnvInd, IBR, M&GPA, OceAb, SCI, SSCI. *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. A relevant yet probably underutilized addition to research collections supporting field-based oceanography programs.

**4233. Marine Geology.** [ISSN: 0025-3227] 1964. 44x/yr. EUR 3951. Ed(s): John T Wells, G de Lange. Elsevier BV, Radarweg 29, Amsterdam, 1043 NX, Netherlands; [ninfo-f@elsevier.nl](mailto:ninfo-f@elsevier.nl); <http://www.elsevier.nl>. Illus., index, adv. Refereed. Vol. ends: No. 4. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* C&ISA, CerAb, ChemAb, EngInd, IAA, M&GPA, OceAb, PetrolAb, PollutAb, SCI. *Aud.:* Ac, Sa.

Along with *Journal of Geophysical Research*, this 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. A core title for geologic oceanography collections.

**4234. Marine Geophysical Researches: an international journal for the study of the earth beneath the sea.** [ISSN: 0025-3235] 1970. q. EUR 681 (print & online eds.). Ed(s): S K Hsu, Peter Clift. Springer Netherlands, Van Godewijkstraat 30, Dordrecht, 3311 GX, Netherlands; <http://www.springer.com>. Illus., adv. Refereed. Microform: PQC. Online:

EBSCO Host; Gale; IngentaConnect; OCLC Online Computer Library Center, Inc.; OhioLINK; Ovid Technologies, Inc.; Springer LINK; SwetsWise Online Content. Reprint: PSC. *Indexed:* ChemAb, EngInd, M&GPA, OceAb, PetrolAb, SCI. *Aud.:* Ac, Sa.

This publication has traditionally dealt with data on the deep ocean basins, but recently has expanded in focus 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 publication will be of interest to geologists and oceanographers. Recommended for academic and research libraries supporting these types of programs.

**4235. Marine Georesources and Geotechnology.** Formed by the merger of (1975-1993): *Marine Geotechnology*; (1977-1993): *Marine Mining*. [ISSN: 1064-119X] 1993. q. GBP 291 print & online eds. Ed(s): Ronald C Chaney, John C Wiltshire. Taylor & Francis Inc., 325 Chestnut St, Ste 800, Philadelphia, PA 19016; [orders@taylorandfrancis.com](mailto:orders@taylorandfrancis.com); <http://www.taylorandfrancis.com>. Illus., index, adv. Refereed. Circ: 260. Vol. ends: No. 4. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OCLC Online Computer Library Center, Inc.; SwetsWise Online Content. Reprint: PSC. *Indexed:* AS&TI, BiolAb, C&ISA, CerAb, ChemAb, EngInd, EnvAb, IAA, OceAb, PetrolAb, PollutAb, SCI, 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. Useful for academic collections with marine engineering and applied geology programs.

**4236. Marine Mammal Science.** [ISSN: 0824-0469] 1985. q. USD 248 print & online eds. Ed(s): Daryl Boness. Wiley-Blackwell Publishing, Inc., Commerce Place, 350 Main St, Malden, MA 02148; [customerservices@blackwellpublishing.com](mailto:customerservices@blackwellpublishing.com); <http://www.blackwellpublishing.com>. Illus., adv. Refereed. Reprint: PSC. *Indexed:* AnBeAb, ApEcolAb, BiolAb, CABA, DSA, ForAb, IndVet, OceAb, RRTA, SCI, VB, ZooRec. *Bk. rev.:* 3, 2,000 words. *Aud.:* Ac, Sa.

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. A core title for libraries serving a marine biology major.

**4237. Marine Policy.** [ISSN: 0308-597X] 1977. 6x/yr. EUR 1047. Ed(s): E D Brown. Pergamon, The Boulevard, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom. Illus., index, adv. Refereed. Vol. ends: No. 6. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* C&ISA, CJA, CerAb, EnvAb, EnvInd, ExcerptMed, FutSurv, IAA, IBSS, OceAb, PAIS, PollutAb, SSCI, WAE&RSA. *Aud.:* Ac, Sa.

The focus of this journal is policy formulation and analysis and the audience includes 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. A core title for academic collections with a marine policy or management component.

**4238. Marine Pollution Bulletin.** [ISSN: 0025-326X] 1970. 24x/yr. EUR 1490. Elsevier Ltd., The Boulevard, Langford Ln, Oxford, OX5 1GB, United Kingdom; [JournalsCustomerServiceEMEA@elsevier.com](mailto:JournalsCustomerServiceEMEA@elsevier.com); <http://www.elsevier.com>. Illus., index, adv. Refereed. Circ: 2000 Paid. Vol. ends: No. 12. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* ApEcolAb, BiolAb, C&ISA, CABA, CerAb, ChemAb, DSA,

EngInd, EnvAb, EnvInd, ExcerptMed, FPA, FS&TA, ForAb, HortAb, IAA, IndVet, M&GPA, OceAb, PetrolAb, PollutAb, RRTA, S&F, SCI, SSCI, SWRA, VB, WAE&RSA, WRClnt, 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. A core title for academic and research collections supporting environmental science, marine management, and biological oceanography programs.

**4239. *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; mtspubs@erols.com; <http://www.mtsociety.org>. Illus., index, adv. Refereed. Circ: 3200. Vol. ends: No. 4. Online: Northern Light Technology, Inc.; OCLC Online Computer Library Center, Inc.; ProQuest LLC (Ann Arbor); H.W. Wilson. *Indexed*: AS&TI, B&AI, ChemAb, EngInd, EnvAb, EnvInd, ExcerptMed, HRIS, M&GPA, OceAb, PetrolAb, PollutAb, SCI, SSCI, 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. A useful title for general collections serving an audience with marine interests as well as academic collections supporting broad marine programs.

**4240. *Mariners Weather Log: a climatic review of North Atlantic and North Pacific Ocean and Great Lake areas.*** [ISSN: 0025-3367] 1957. s-a. USD 13 domestic; USD 18.20 foreign. Ed(s): Robert A Luke. 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, adv. Circ: 8100. Vol. ends: Dec. *Indexed*: AmStI, IUSGP, M&GPA, OceAb. *Aud.*: Ga, 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. Not a core title, but a nice addition to both public and academic libraries.

**4241. *Ocean & Coastal Management.*** Formerly (until 1992): *Ocean and Shoreline Management*; Which was formed by the merger of (1973-1986): *Ocean Management*; (1985-1987): *Journal of Shoreline Management*. [ISSN: 0964-5691] 1988. 12x/yr. EUR 1649. Ed(s): B Cicin-Sain. Pergamon, The Boulevard, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom. Illus., adv. Refereed. Vol. ends: No. 44. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed*: EngInd, EnvAb, EnvInd, ExcerptMed, IPSA, M&GPA, OceAb, PAIS, PollutAb, SCI, SSCI, SWRA, WAE&RSA, 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. A core title for academic collections with marine policy and management aspects.

**4242. *Ocean Development and International Law.*** Formerly (until 1973): *Ocean Development and International Law Journal*. [ISSN: 0090-8320] 1973. q. GBP 408 print & online eds. Ed(s): Ted L McDorman. Taylor & Francis Inc., 325 Chestnut St, Ste 800, Philadelphia, PA 19016; orders@taylorandfrancis.com; <http://www.taylorandfrancis.com>. Adv. Refereed. Microform: WSH. Online: EBSCO Host; Gale; IngentaConnect; OCLC Online Computer Library Center, Inc.; SwetsWise Online Content. Reprint: PSC. *Indexed*: ABS&EES, C&ISA, CABA, CJA, CLI, CerAb, EnvAb, EnvInd, IAA, IBSS, ILP, IPSA, IndIslam, JEL, LRI, OceAb, PAIS, PRA, PSA, SSCI, 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. Appropriate for libraries supporting programs in aquaculture, resource management, and environmental law.

**4243. *Ocean Engineering.*** [ISSN: 0029-8018] 1968. 18x/yr. EUR 2812. Ed(s): Atilla Incecik, R Cengiz Ertekin. Pergamon, The Boulevard, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom. Illus., index, adv. Refereed. Circ: 1200. Vol. ends: No. 28. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed*: AS&TI, ApMecR, C&ISA, CerAb, ChemAb, EngInd, ExcerptMed, H&SSA, IAA, OceAb, PetrolAb, SCI, SWRA. *Aud.*: Ac, Sa.

This highly specialized journal covers marine engineering from ships to structures to instrumentation. Aimed at engineers, research articles range from offshore engineering to naval architecture. Issues may include review articles as well as short communications on recent field work, instrument modeling, and testing. Appropriate for specialized marine and engineering collections.

**4244. *Oceanography.*** [ISSN: 1042-8275] 1988. q. Free to members. Ed(s): Ellen S Kappel. Oceanography Society, 1931, Rockville, MD 20849-1931; [anne@ccpo.edu](mailto:anne@ccpo.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. An excellent choice for a college or public library for its general science collection.

**4245. *Oceanography and Marine Biology: an annual review.*** [ISSN: 0078-3218] 1963. a. Ed(s): Margaret Barnes, R J A Atkinson. Taylor & Francis Ltd., 4 Park Sq, Milton Park, Abingdon, OX14 4RN, United Kingdom; <http://www.tandf.co.uk/books/>. *Indexed*: ChemAb, M&GPA, OceAb, SCI, 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. An essential element in any library supporting marine biology or environmental studies undergraduate education.

**4246. *Oceanus: reports on research at the Woods Hole Oceanographic Institution.*** Incorporates in 1994: *Woods Hole Oceanographic Institution. Reports on Research*. [ISSN: 0029-8182] 1952. s-a. USD 15 domestic; USD 18 Canada; USD 25 elsewhere. Ed(s): Laurence Lippsett. Woods Hole Oceanographic Institution, Mail Stop 5, Woods Hole, MA 02543-1050; <http://www.whoi.edu/oceanus>. Illus., index, adv. Refereed. Circ: 6000. Vol. ends: No. 2. Microform: PQC. Online: EBSCO Host; Florida Center for Library Automation; Gale; Northern Light Technology,

Inc.; OCLC Online Computer Library Center, Inc.; ProQuest LLC (Ann Arbor); H.W. Wilson. *Indexed:* AS&TI, B&AI, BiolDig, ChemAb, EnvAb, EnvInd, ExcerptMed, FutSurv, GSI, M&GPA, MASUSE, OceAb, PollutAb, RGPR, SCI, SSCI. *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. The 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. Very useful for general public collections as well as high schools and academic institutions.

**4247. *Progress in Oceanography.*** [ISSN: 0079-6611] 1963. 16x/yr. EUR 2841. Ed(s): Cisco Werner, Gregory R Lough. Pergamon, The Boulevard, Langford Ln, East Park, Kidlington, OX5 1GB, United Kingdom. *Illus., index, adv. Refereed.* Vol. ends: No. 4. Microform: PQC. Online: EBSCO Host; Gale; IngentaConnect; OhioLINK; ScienceDirect; SwetsWise Online Content. *Indexed:* ApMecR, C&ISA, CerAb, ChemAb, EngInd, IAA, M&GPA, OceAb, PollutAb, SCI, 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 supporting oceanography programs, and will be of interest to physical and chemical oceanographers as well as marine biologists.

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

**4248. *Sea Technology: for design engineering and application of equipment and services in the global ocean community.*** Formerly (until 1973): *Undersea Technology and Oceanology International & Offshore Technology*; Which was formed by the merger of (1961-1972): *Undersea Technology*; (1971-1972): *Oceanology International Offshore Technology*. [ISSN: 0093-3651] 1960. m. USD 50 domestic; USD 60 foreign; USD 4.50 per issue. Ed(s): Michele B. Umansky. Compass Publications, Inc. (Arlington), 1501 Wilson Blvd, Ste 1001, Arlington, VA 22209-2403. *Illus., index, adv. Circ:* 16000 Controlled. Vol. ends: No. 12. Microform: PQC. Online: Northern Light Technology, Inc.; OCLC Online Computer Library Center, Inc.; ProQuest K-12 Learning Solutions; ProQuest LLC (Ann Arbor); H.W. Wilson. *Indexed:* AS&TI, ApMecR, BiolDig, C&ISA, CerAb, EngInd, ExcerptMed, H&SSA, HRIS, IAA, M&GPA, OceAb, PetrolAb, PollutAb, SCI, SWRA. *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. Appropriate for a general audience with technical and engineering interests.

***Tellus.*** See Atmospheric Science section.

## ■ MARRIAGE AND DIVORCE

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### Introduction

No one planning to marry expects their marriage to end in divorce. Although the overall divorce rate in the United States has declined since a peak in the early 1980s, the 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: 2006*).

Factors contributing to marital stability include median age of first marriage, which increased from 20 in 1960 to 26 in 2005 for women, and from 23 to 27 for men. 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. Education levels, too, had a positive effect on marriage. 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 rates of marital dissolution had decreased by almost half from the 1970s to the 1990s among four-year college graduates.

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; 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. 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

*Journal of Couple & Relationship Therapy, Journal of Sex & Marital Therapy.*

### Basic Abstracts and Indexes

*Family & Society Studies Worldwide, Family Index, PsycINFO, Sage Family Studies Abstracts, Social Sciences Abstracts, Social Work Abstracts, Sociological Abstracts, Studies on Women and Gender Abstracts.*

***Bride's.*** See Weddings section.

***Contemporary Family Therapy: an international journal.*** See Family section.

***The Family Journal.*** See Family section.

***Family Law Quarterly.*** See Law section.

***Fathering Magazine.*** See Parenting section.

**4249. *Journal of Couple & Relationship Therapy.*** Formerly (until 2002): *Journal of Couples Therapy*. [ISSN: 1533-2691] 2001. q. USD 440 print & online eds. Ed(s): Joseph L. Wetchler. Haworth Press, Inc., 325 Chestnut St, Ste 800, Philadelphia, PA 19106; [getinfo@haworthpress.com](mailto:getinfo@haworthpress.com); <http://www.haworthpress.com>. *Adv. Sample. Refereed.* *Circ:* 161 Paid. Reprint: HAW; PSC. *Indexed:* CINAHL, CJA, CWI, IBR, IBZ, IMFL, SFS, SSA, SWA, SWR&A, V&AA. *Bk. rev.:* Number and length vary. *Aud.:* Ac.

Written by expert practitioners and researchers in marriage and family therapy and services, *Journal of Couple & Relationship Therapy* "promotes a better understanding of what contributes to healthy adult relationships and how therapy facilitates the process." Its clinical, theoretical, and research articles discuss issues for which heterosexual or same-sex couples seek the help of premarital, marital, sex, divorce, and/or re-marital therapists. Among recently published articles are "Areas of Desired Change Among Married Midlife Individuals," "Conflict Resolution Styles Among Latino Couples," "Mandated Premarital Therapy and Early Marital Adjustment: Implications for Therapy," "Online Infidelity Evaluation and Treatment Implications," and "Broken Bonds: An Emotionally Focused Approach to Infidelity." A regular feature, "Journal