

ProQuest Aquatic Science Collection

Components

Search

Review

Deep Indexing

Illustrata™

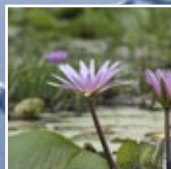
Refine

Organise

Share

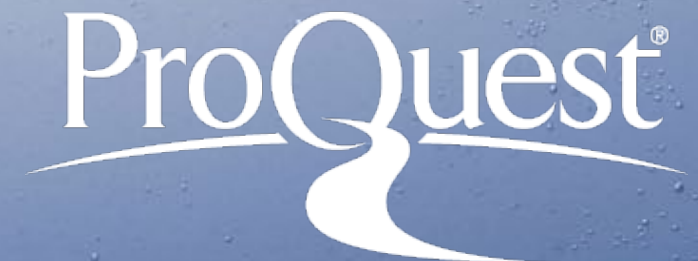
Contact

Start here.



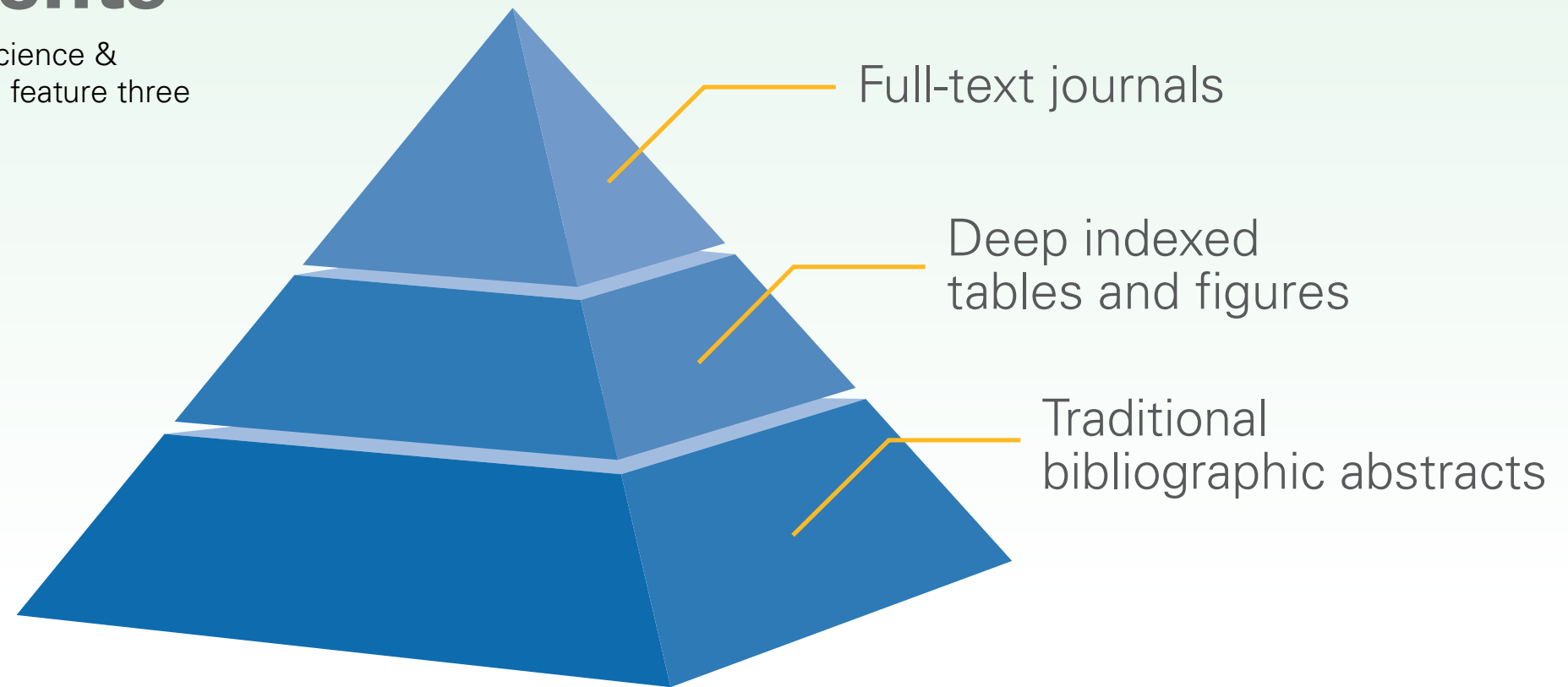
Aquatic Science Collection

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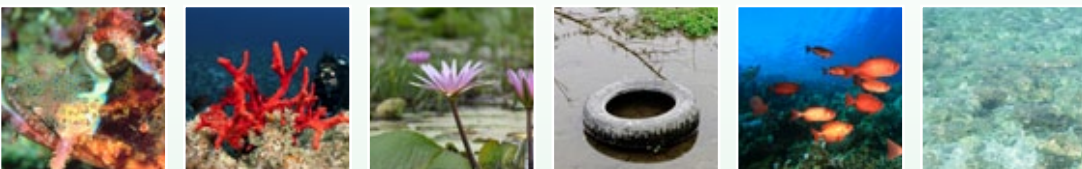
Components

ProQuest's specialised science & technology collections all feature three common elements:



Aquatic Science Collection

A unique marriage of highly-relevant full text, deep indexed tables & figures, supported with a highly specialised bibliographic database ... a collection with great breadth and extraordinary depth in Aquatic Sciences.



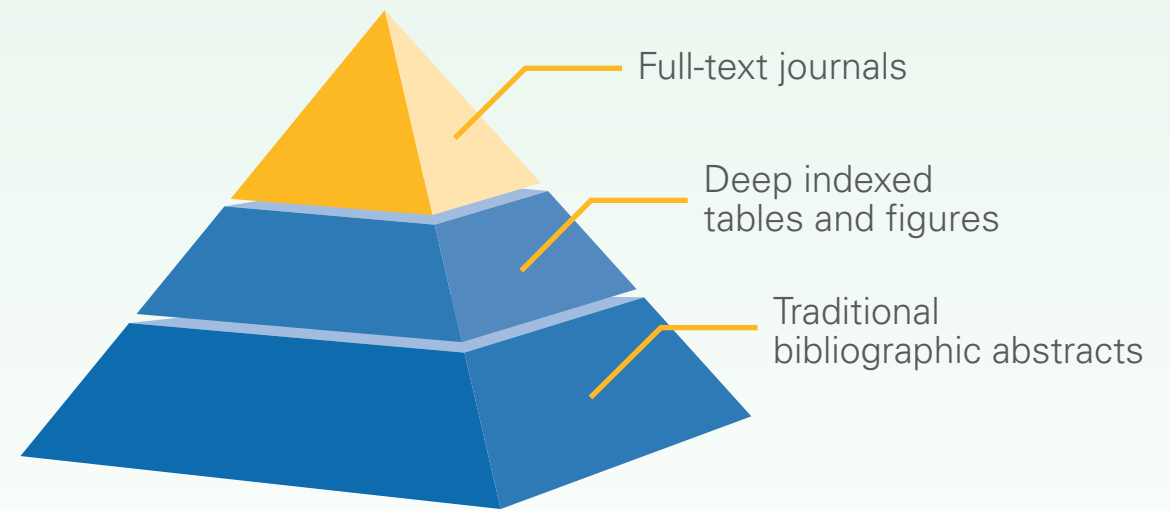
**Aquatic Science
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Components

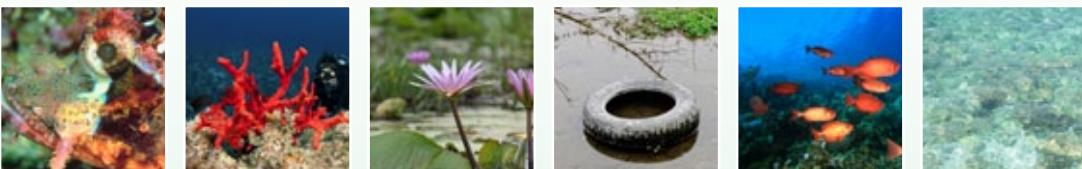
The screenshot shows a ProQuest article page. The title is "Video and acoustic camera techniques for studying fish under ice: a review and comparison...". The article includes a diagram (Fig. 3) showing a camera and laser system deployed under ice. The diagram labels include "BLEED WITH RECORDERS AND BATTERIES", "RANGE REEL", "INSULATION", "SNOW", "SURFACE ICE", and "LASERS". The text discusses camera specifications, such as CCD sensor size (0.85 or 1.27 cm) and power requirements (12-24 V DC at 110 mA). It also mentions that cameras are generally more sensitive to specific wavelengths (e.g., green or red) and that larger scenes can be recorded using specialized cameras or remotely operated vehicles (ROVs).



Full Text Sources

Providing vast coverage of basic and applied research on aquatic topics, this database features over 350 journals in full text. Our coverage goes beyond merely providing scholarly and peer reviewed journals; in addition we provide relevant trade and industry journals and reports, as well as coverage of conference proceedings and newswires in order to bring you the widest range of materials of interest to specialists in aquatic and related sciences.

The overall philosophy in assembling our content collections is to bring the widest range of relevant materials at an affordable price to help libraries build the most extensive discovery resources for researchers in this field.



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Components

ProQuest Aquatic Science Collection
Search | Advanced | Figures & Tables | Publications

lagoon tides
Figures & Tables

8 Figures & Tables

Narrowed by
Figure/table type: Contour Plot

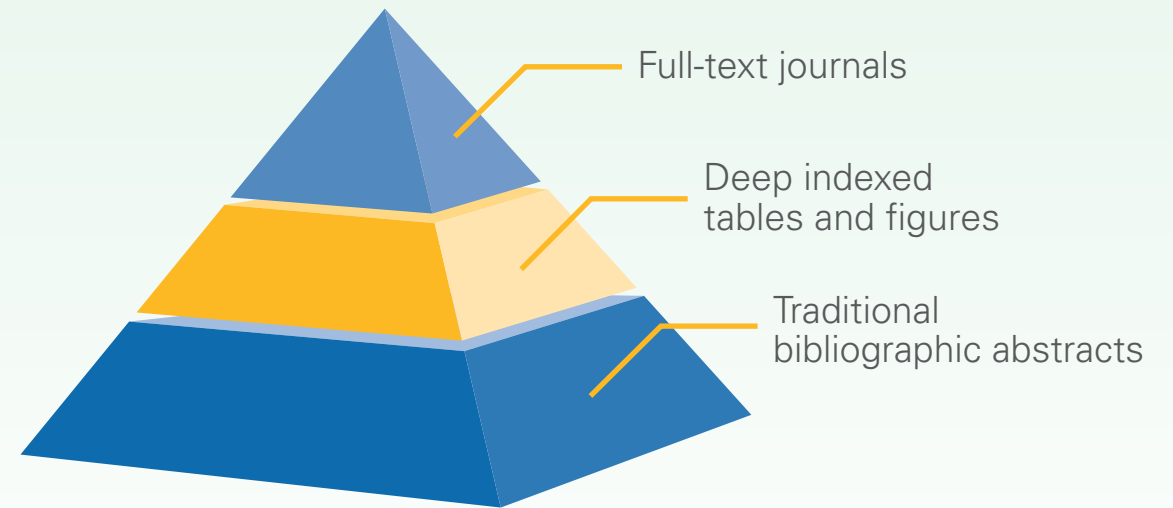
0 Selected items: View selected items | Save to My Research

1 a) Coherence between the sea-surface height (Z) at Wachapreague and Hog Island wind WA14(U,V) (cos a, sin a) as a function of the direction a and frequency on. The wind dire...

2 Results of the harmonic analysis of water level time series over the whole domain area for the main constituents M2, O1 and the compound tide MK3. 403

3 Tide-induced residual water levels obtained from the harmonic analysis of model results over a period of 29 diurnal tidal cycles.

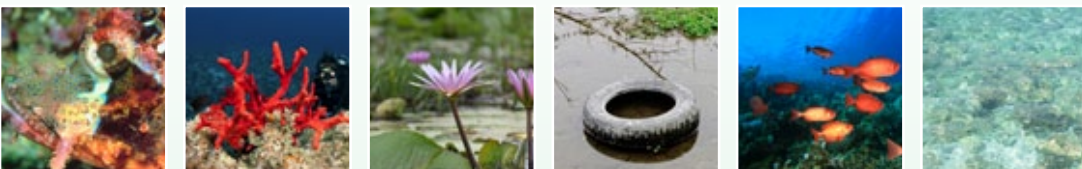
4 Salinity at four states of a spring tide in June 2004 along the principle channels at the western end of the lagoon. The inset relates colour to the bands of salinity that w...



Deep Indexing of Figures & Tables

ProQuest's award winning Illustrata™ Deep Indexing of tables and figures is a patented innovation that helps you to find relevant documents faster and more effectively.

- Articles that contain images, tables, figures etc matching your search terms are likely to be highly relevant
- Tables and figures contain much of the most important research findings or conclusions within the article
- On average there are approximately 8-10 figures or tables in a scientific paper



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Components

[Illustrata Image](#) [Back to Results](#)

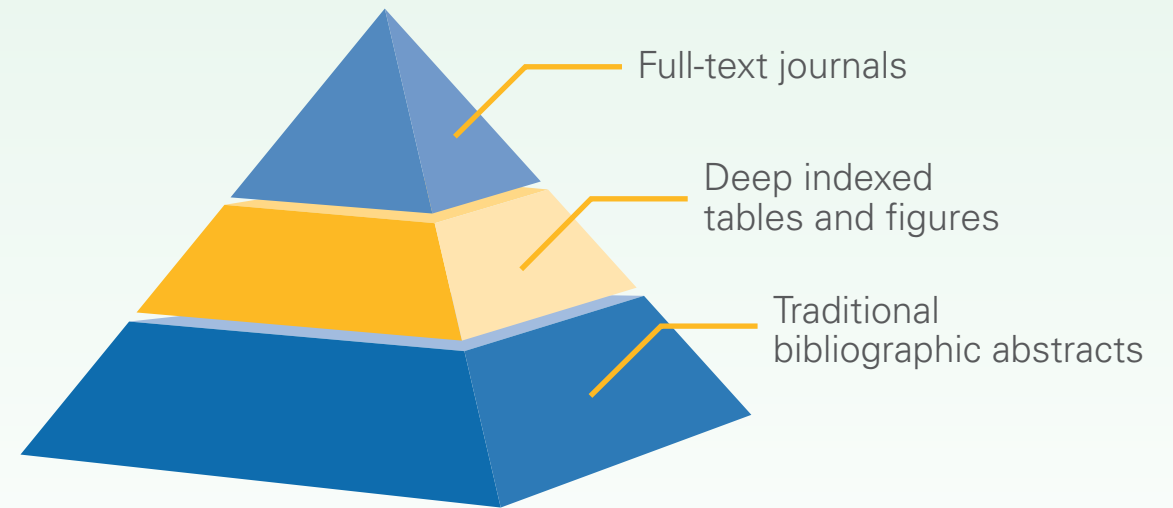
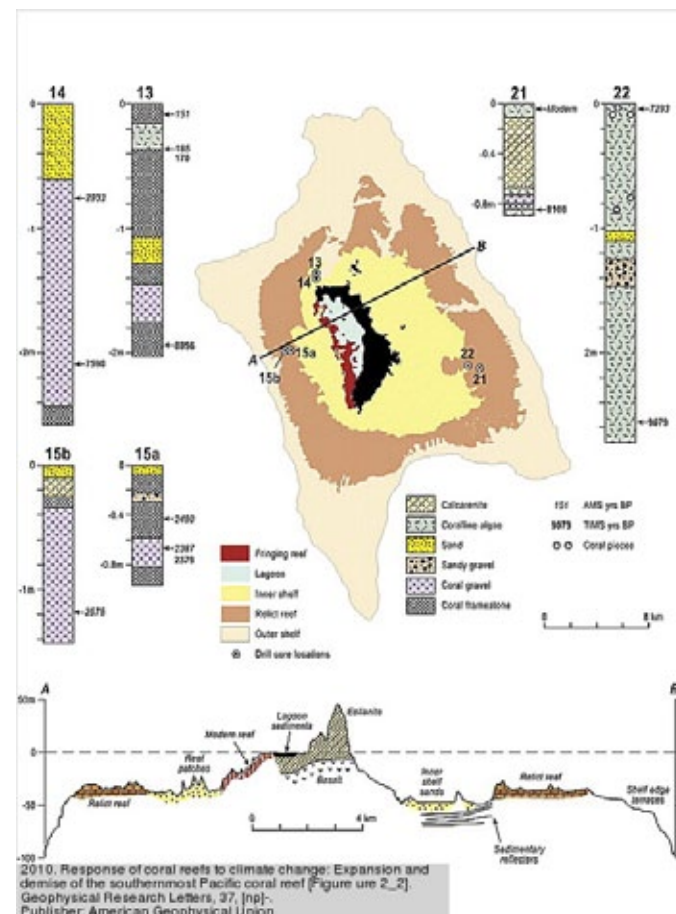
Article 1 of 13 [Next >](#)

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Caption

Figure: 2

Distribution of relict and modern reef around Lord Howe Island and location, stratigraphy, and chronology of cores. The schematic cross-section (AaB) shows the relict reef and the location to which it backstepped on the west of the island, forming the modern reef and lagoon.



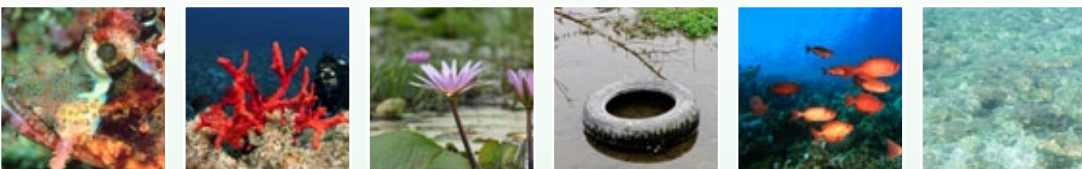
Deep Indexing of Figures & Tables

This collection features over 2.3 million Deep Indexed ProQuest Illustrata™ tables and figures from over 850 journals.

We categorise data, variables and other content represented in tables, maps, photographs and other figures enabling researchers to vastly improve their search efficiency through more precise, focused discovery of relevant articles and publications.



Click to see more on Deep Indexing and ProQuest Illustrata™ (web movie)



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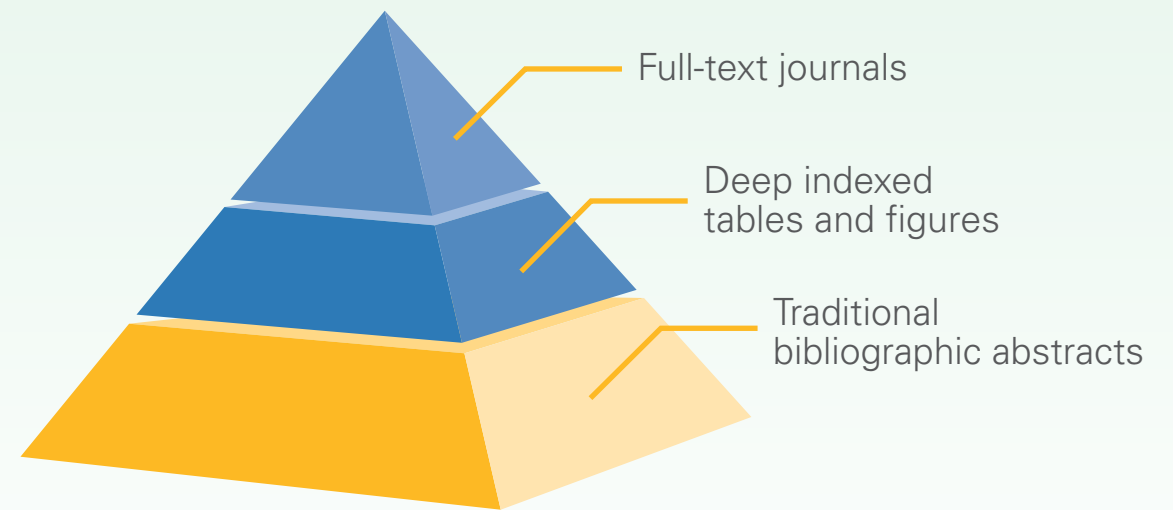
Start here.

Components

Abstract & Indexed Databases

The Aquatic Science Collection also features Oceanic Abstracts and the indispensable ASFA database with over 3.3 million abstract records from over 5,000 journals in 50 languages.

These specialised subject specific indexing sources are designed to ensure effective literature reviews for researchers within this discipline.



Greater Breadth Depth & Scope This facilitates a very comprehensive literature review across the entire discipline – these specialised A&I databases have greater breadth, depth and scope than any single full text database.

Non-Embargoed Content in A&I databases is not under embargo (many full text publishers do not make their latest issues available to database aggregators for 6 or even 12 months). A&I helps you discover the latest research.

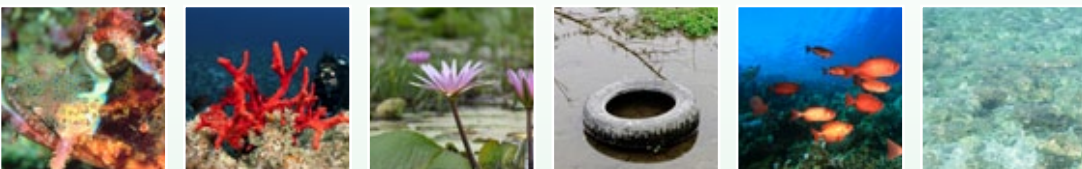
Specialist Taxonomies created by Specialist Editors Specialist ASFA editors have been monitoring aquatic science papers for over 30 years, developing a highly evolved [taxonomy](#) and controlled vocabulary.

International The literature cited is primarily in English, but over one-third of the database comprises citations in Western European, Slavic, Asian, and African languages.

Latest Indexing Technologies Built upon the foundation of human editorial expertise are automated indexing technologies, monitored by editorial staff, which allow us to process a greater volume of information and bring you the latest abstracts in the field.

Integration with Library Resources – if articles are not covered within ProQuest coverage but are available elsewhere within a library's holdings they can be seamlessly hyperlinked allowing users to access relevant literature and helping libraries to increase usage of full text articles from primary publishers.

Find Relevant Papers and Find Them Faster... with the amount of literature in the field growing exponentially abstracts allow researchers to more quickly digest the relevance of papers.



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Components

Traditional A&I Databases

Aquatic Science & Fisheries Abstracts (ASFA)

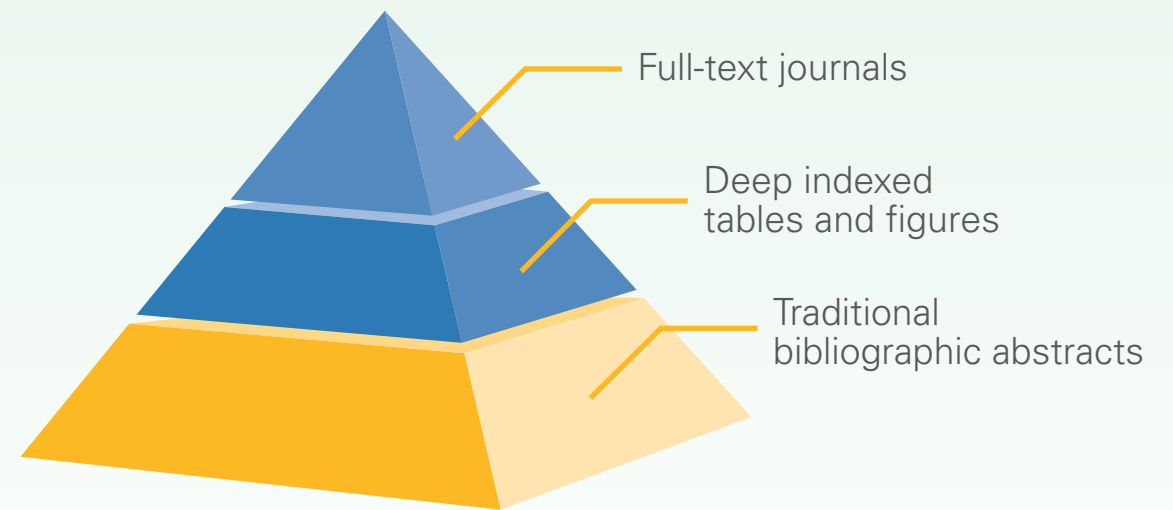
Overwhelmingly cited by a majority of aquatic science librarians as their primary database, the ASFA series is the premier reference in the field of aquatic resources.

Input to ASFA is provided by a growing international network of information centers monitoring over 5,000 serial publications, books, reports, conference proceedings, translations and limited distribution literature. ASFA is a component of the Aquatic Sciences and Fisheries Information System (ASFIS), formed by four United Nations agency sponsors of ASFA and a network of international and national partners.

ASFA Subdatabases

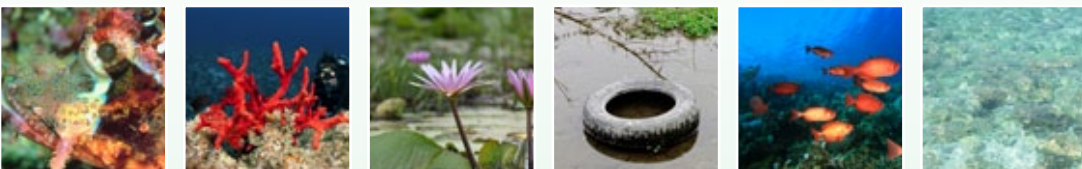
ASFA's main database contains a variety of specialised focussed subdatabases:

- ASFA 1: Biological Sciences and Living Resources
- ASFA 2: Ocean Technology, Policy and Non-Living Resources
- ASFA 3: Aquatic Pollution and Environmental Quality
- ASFA Aquaculture Abstracts
- ASFA Marine Biotechnology Abstracts



Oceanic Abstracts

Focused exclusively on worldwide technical literature pertaining to the marine and brackishwater environment, the database has long been recognised as a leading source of information on topics relating to oceans: Marine biology and physical oceanography, fisheries, aquaculture, non-living resources, meteorology and geology, plus environmental, technological, and legislative topics.



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 Search | [Advanced](#) | [Figures & Tables](#) | [Publications](#)

Advanced search | Recent searches

Full text Peer reviewed

ProQuest Aquatic Science Collection
 The collection contains aquatic science related full-text articles, granular access to figures and tables within articles, and the entire range of bibliographic records from Aquatic Sciences and Fisheries Abstracts (ASFA). ASFA is the premier database in the field of aquatic science research.
[View title list](#)

Subject coverage

- Aquaculture
- Aquatic organisms
- Aquatic pollution
- Brackish water environments
- Conservation
- Environmental quality
- Fisheries
- Freshwater environments
- Limnology
- Marine biotechnology

[Show all](#)

Included databases

- [Aquatic Science & Fisheries Abstracts \(ASFA\) 1: Biological Sciences & Living Resources](#)
- [Aquatic Science & Fisheries Abstracts \(ASFA\) 2: Ocean Technology, Policy & Non-Living Resources](#)
- [Aquatic Science & Fisheries Abstracts \(ASFA\) 3: Aquatic Pollution & Environmental Quality](#)
- [Aquatic Science & Fisheries Abstracts \(ASFA\) Aquaculture Abstracts](#)
- [Aquatic Science & Fisheries Abstracts \(ASFA\) Marine Biotechnology Abstracts](#)
- [Oceanic Abstracts](#)
- [ProQuest Aquatic Science Journals](#)

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- [Learn about search syntax changes](#) in the new ProQuest.
- [Discover](#) answers to common questions at ProQuest's Product Support Center.
- Got an uncommon question? [Contact](#) our Customer Support Team.

Search tip

By default, we will look for documents with all the terms entered.
 Use "quotation marks" to search for exact phrases.
 Separate terms with OR to find any of the words entered.

Research Support Suite

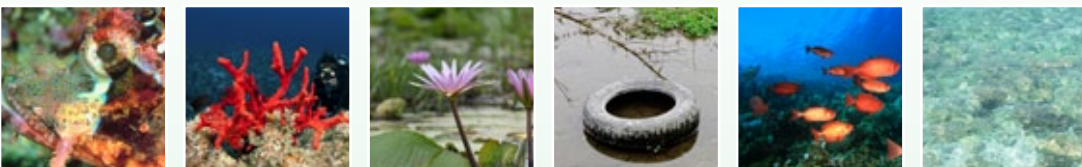
Researchers, learn about the latest opportunities and enjoy instant access to our research services by selecting any of these great products now:

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- [COS Funding Opportunities](#)
- [COS Scholar Universe](#)

Dedicated Search Screen

The Aquatic Science Collection has a dedicated search interface placing all our aquatic related resources together. A single search box allows you to search across the entire range of resources.

This specialised approach is reflected in the use of the dedicated ASFA thesaurus in indexing the content of the database.



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SEARCH

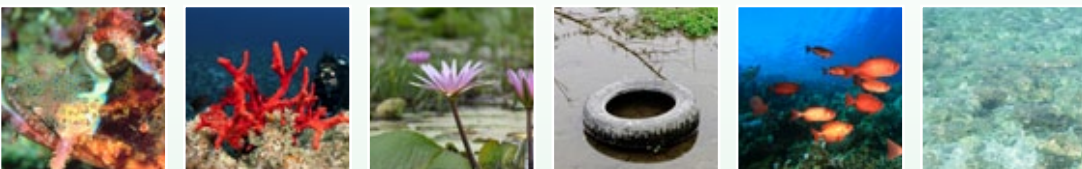
[Advanced search](#) | [Recent searches](#)

 Full text Peer reviewed

Restrict Search To Full Text

Click the **Full Text** tick box to restrict results only to Full Text.

Why do we include non full text results? We know researchers often need to cover the widest range of literature and the ASFA family of dedicated Abstract & Index databases ensure exactly that. No single database can licence all content in full text, so we provide a great deal of full text and allow you to discover other relevant literature in the field. Your library may provide links to click through to access from other databases – or they may be able to assist you to retrieve those materials by other means.



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SEARCH

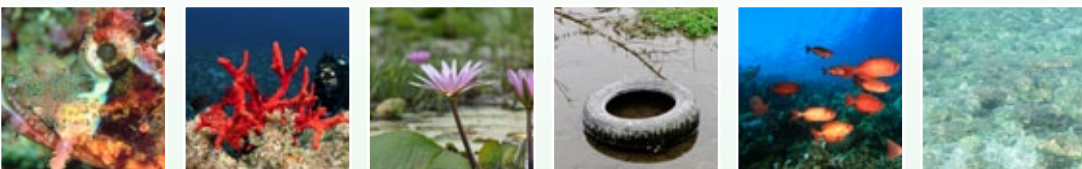
[Advanced search](#) | [Recent searches](#) Full text Peer reviewed

Restrict Search To Peer Reviewed Titles

Aquatic Science Collection covers a huge range of journals (scholarly and trade journals), government reports, conference papers, magazines, books and other publications to ensure the widest coverage.

Click the **Peer Reviewed** tick box to restrict your reports to only Peer Reviewed scholarly publications.

- Scholarly Journals (3009804)
- Books (296766)
- Trade Journals (169614)
- Magazines (145699)
- Reports (63693)
- Conference Papers & Proceedings (47412)
- Other Sources (1905)
- Government & Official Publications (1031)
- Newspapers (1013)



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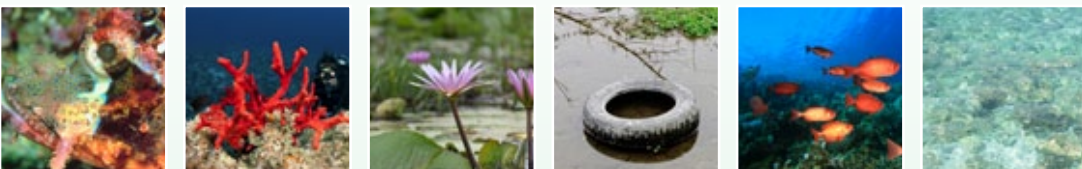


SEARCH

The screenshot shows the ProQuest Aquatic Science Collection search interface. The search term "lagoon tides" is entered in the search box. The "Advanced Search" option is selected and highlighted with a red box. A dropdown menu for "Author - AU" is open, showing a list of field codes including "All fields + text", "Document text - TX", "Author affiliation - AF", etc. The interface also includes options for "Limit to", "Date range", and "Source type".

Advanced Search Screen

For researchers who require precise control over their search parameters (eg Author, Document Title, Publication etc) the **Advanced Search** screen allows users to restrict search terms to particular document fields, add date restrictions as well as create command line searches with boolean logical operators.




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SEARCH




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Search | [Advanced](#) | [Figures & Tables](#) | [Publications](#)

lagoon tides

[Figures & Tables](#)

[Create alert](#) [Create RSS feed](#) [Save search](#)



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Publication Search




In title

List of 32 publications





View list as: Summary Title only

All 0-9 [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) **P** [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

P

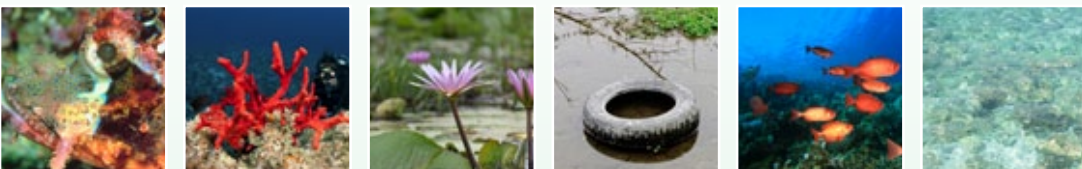
- 
[Pacific Fishing](#)
Coverage: Nov 1985(Vol. 6, no. 10) - Dec 15, 1986(Vol. 59, no. 241)
Language(s): English
ISSN: 0195-6515
Place of Publication: Seattle
- 
[Pacific Science](#)
Coverage: Apr 1998(Vol. 52, no. 2) - present
 Full text available
Publisher: University of Hawaii Press
Language(s): English
ISSN: 0030-8870
Place of Publication: Honolulu
- 
[Paddy and Water Environment](#)
Coverage: Mar 2003(Vol. 1, no. 1) - present

Narrow publications list

- Source type
 -  [Scholarly Journals](#) (29)
 -  [Books](#) (1)
 -  [Reports](#) (1)
 -  [Trade Journals](#) (1)
 - [More options...](#)
- Subject
- Language
- Database
- Document feature

Publication Search

Publication search allows you to search or browse alphabetically to find a specific publication within our Aquatic Science collection.



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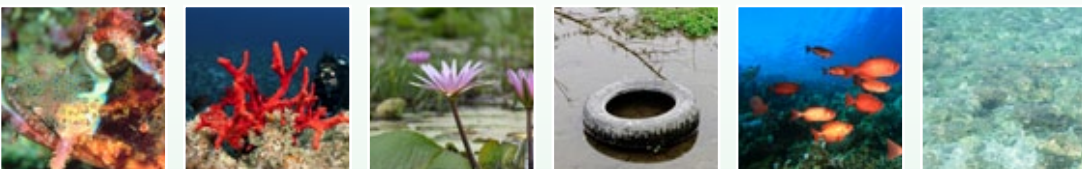
SEARCH

The screenshot shows the ProQuest Aquatic Science Collection search interface. At the top, there are navigation tabs: Home, Components, Search, Review, Refine, Organise, Share, and Contact. The main header reads "ProQuest Aquatic Science Collection" with sub-links for Search, Advanced, **Figures & Tables** (highlighted with a red box), and Publications. Below this, a search bar contains the text "lagoon tides". A dropdown menu shows "Figures & Tables" selected, with options for "Create alert", "Create RSS feed", and "Save search". The main search area is titled "Figures & Tables Search" and includes options for "Advanced Search", "Look Up Citation", and "More". A search bar contains "lagoon tides" and a dropdown menu is set to "Key fields". There are "Search" and "Clear form" buttons. A section titled "Figure/table types to include:" contains two columns of checkboxes. The first column includes: Figures (all types), Graphs, Illustrations, Photographs, Maps, Transmission/emission images, and Other figures. The second column includes: Tables (all types), Truth table, and Other table. On the right side, there are "Search tools" and "Search tips" sections.

Figures & Tables Search

Allows you to restrict your search to deep indexed images such as graphs, maps, tables, photos etc.

As well as a tool to discover images, you can use this feature to quickly identify articles matching your search terms – if an article contains an image which has been categorised with terms matching your search terms then it is highly likely that the article it comes from will be relevant to your search.



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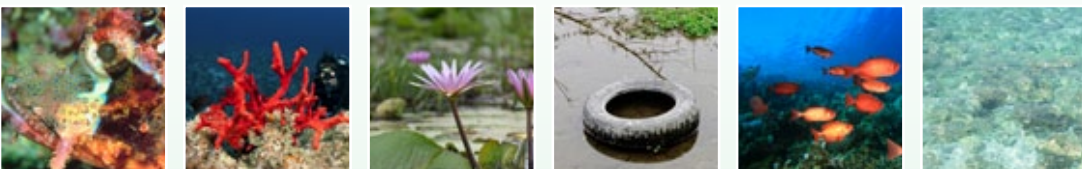
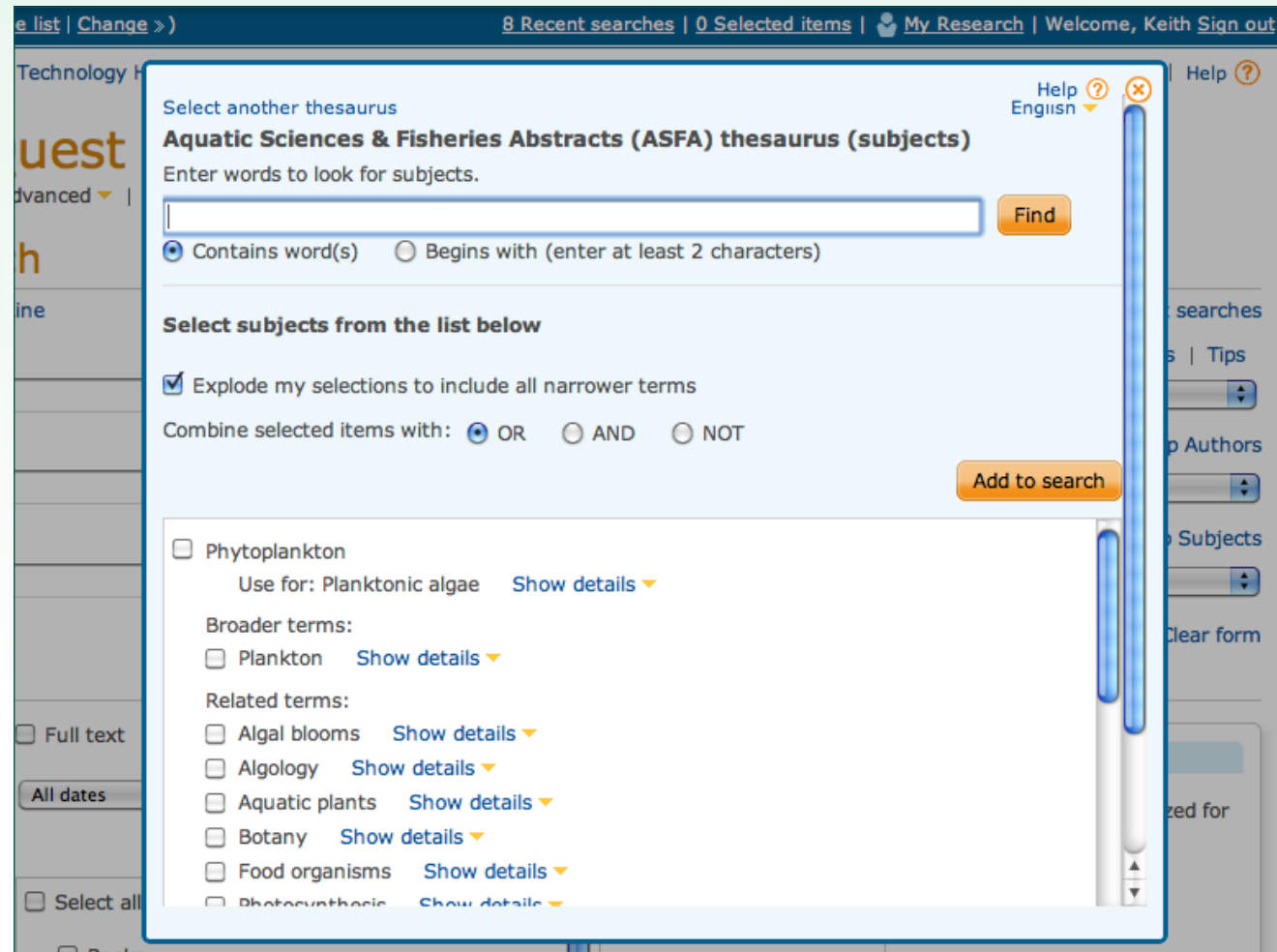


SEARCH

Aquatic Science & Fisheries Abstracts Thesaurus

You can use the Aquatic Science & Fisheries Abstracts (ASFA) thesaurus from within our Advanced Search screen to assist you in finding alternative, wider or narrower search terms for concepts you are seeking to research.

The ASFA thesaurus is the foundation underpinning the organisation of the Aquatic Science Collection. We use this taxonomic system for the indexing and organisation of the index terms – so even if you don't actively use the thesaurus search screen, the power of this tool is applied to your searches through features such as Smart Search and the Narrow by Subject links.



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REVIEW

ProQuest | ProQuest Aquatic Science Collection
 Search | Advanced | Figures & Tables | Publications

salinity profiles Search tips

Full text Peer reviewed

Create alert Create RSS feed Save search

11734 Results Search within | Find related figures & tables

Suggested subjects Salinity Salinity AND Marine Salinity AND Brackish Salinity AND Salinity effects Salinity AND Estuaries
 Salinity AND Temperature Salinity AND Freshwater Salinity AND Saline water Salinity AND Water quality Salinity AND Salt
 View All > Powered by ProQuest® Smart Search

0 Selected items: View selected items Save to My Research
 Select 1-20 Email Print Cite Export Save as file

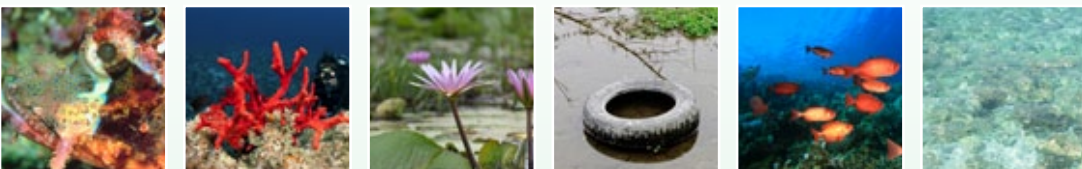
Sort results by: Relevance

Narrow results by:
 Source type
 Scholarly Journals (9556)
 Books (1221)
 Trade Journals (472)
 Reports (362)
 Conference Papers & Proceedings (81)
 More options...
 Publication title
 Document type
 Subject
 Classification
 Company/Organization

- 1** [A Reconstruction of Observed Profiles in the Sea East of Japan Using Vertical Coupled Temperature-Salinity EOF Modes](#)
 Fujii, Yosuke; Kamachi, Masafumi. Journal of Oceanography 59. 2 (Apr 2003): 173-186.
 ...of observed temperature and salinity profiles of the sea east of Japan (30)
 Citation/Abstract Full text - PDF (1 MB)
- 2** [Determination of dynamic heights in the Bay of Bengal from XBT profiles and climatological salinities](#)
 Ali, M M; Gopalakrishna, V V; Araligidat, N; Reddy, G V; Salgoanker, G. Journal of Marine Research 63. 4 (Jun 2005): 671-682.
 ... salinity profiles to a reasonable deeper level. But, temperature profiles alone,
 ...combined temperature and salinity measurements from CTD
 ...and climatological salinity profiles are compared with the
 Citation/Abstract Find a copy
- 3** [Surface Salinity Measurements-COSMOS 2005 Experiment in the Bay of Biscay](#)
 Reverdin, G; Blouch, P; Boutin, J; Niiler, P P; Rolland, J; Scuba, W; Lourenco, A; Rios, A F; et al.
 Journal of Atmospheric and Oceanic Technology 24. 9 (Sep 2007): 1643-1654.

Search Result List

ProQuest's new search interface presents your search results with all the tools you need to review, refine, organise and share.















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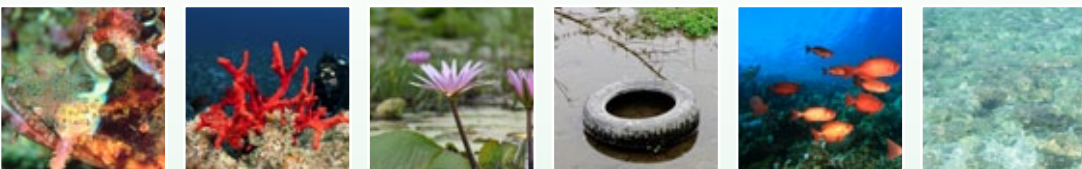


REVIEW

- 12  [The Effects of Varying Salinity on Ammonium Exchange in Estuarine Sediments of the Parker River, Massachusetts](#)  Preview
Weston, Nathaniel B; Giblin, Anne E; Banta, Gary T; Hopkinson, Charles S; Tucker, Jane. Estuaries and Coasts 33. 4 (Jul 2010): 985-1003.
...Estuary (a) and pore water salinity profiles at site P22 (standard error ...reproduced measured pore water salinity profiles effectively (Fig. 9a). The ...non-steady-state profiles. Pore water salinity at P11 and R5.5 often mirrored
-  Citation/Abstract  Full text - PDF (631 KB)
-
- 13  [The amino acid profiles of estuary perch, Macquaria colonorum, during early development at different salinities](#)  Preview
Gunasekera, R M; De Silva, SS. Aquatic Living Resources 13. 3 (2000): 153-162.
...amount in fertilised eggs in salinities of 15, 20, 25 and 30, respectively ...synthesis. Overall, the amino acid profiles of estuary perch were close ...no major influences of salinity on the amino acid profiles as development
-  Citation/Abstract  Find a copy
-
- 14  [Genetic Diversity of Eukaryotic Plankton Assemblages in Eastern Tibetan Lakes Differing by their Salinity and Altitude](#)  Preview
Wu, Qinglong L; Chatzinotas, Antonis; Wang, Jianjun; Boenigk, Jens. Microbial Ecology 58. 3 (Oct 2009): 569-81.
... lakes was salinity. The observed molecular profiles could be further ...the molecular profiles (i.e., eukaryotic ...because both salinity and elevation
-  Citation/Abstract  Full text - PDF (1 MB)

Search Term Highlighting

Search results list displays search terms in context within extracts of the result documents and with your search terms highlighted in yellow so you can quickly assess if the results are likely to be relevant.



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REVIEW

8 Recent searches | 0 Selected items | My Research | Welcome, Keith Sign out

Select another thesaurus
Aquatic Sciences & Fisheries Abstracts (ASFA) thesaurus (subjects)

Enter words to look for subjects.

Contains word(s) Begins with (enter at least 2 characters)

Select subjects from the list below

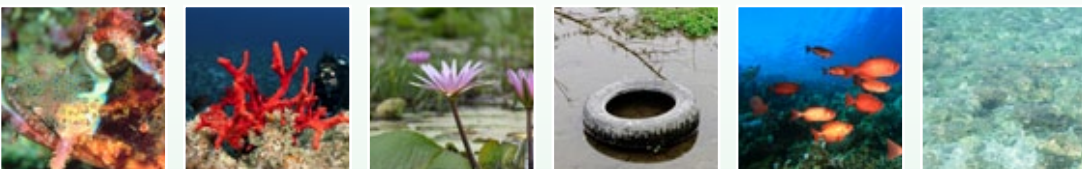
Explode my selections to include all narrower terms

Combine selected items with: OR AND NOT

- Phytoplankton
Use for: Planktonic algae [Show details](#)
- Broader terms:
 - Plankton [Show details](#)
- Related terms:
 - Algal blooms [Show details](#)
 - Algology [Show details](#)
 - Aquatic plants [Show details](#)
 - Botany [Show details](#)
 - Food organisms [Show details](#)
 - Photosynthesis [Show details](#)

Preview Documents

Use the **Preview** button to take a closer look at the documents in the result list without leaving your search results page – saves time loading new pages.















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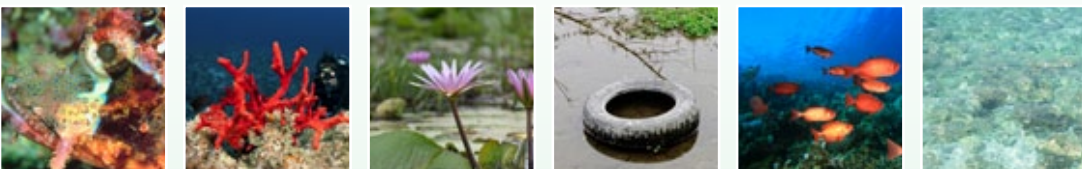
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REVIEW

- 2  [Determination of dynamic heights in the Bay of Bengal from XBT profiles and climatological salinities](#)  Preview
Ali, M M; Gopalakrishna, V V; Araligheid, N; Reddy, G V; Salgoanker, G. Journal of Marine Research 63. 4 (Jun 2005): 671-682.
...salinity profiles to a reasonable deeper level. But, temperature profiles alone,
...combined temperature and salinity measurements from CTD
...and climatological salinity profiles are compared with the
 Citation/Abstract  Find a copy
-
- 3  [Surface Salinity Measurements-COSMOS 2005 Experiment in the Bay of Biscay](#)  Preview
Reverdin, G; Blouch, P; Boutin, J; Niiler, P P; Rolland, J; Scuba, W; Lourenco, A; Rios, A F; et al. Journal of Atmospheric and Oceanic Technology 24. 9 (Sep 2007): 1643-1654.
...merchant vessels, from salinity profiles collected by Argo
...pss-78 (practical salinity scale), and which
...e.g., from CTD profiles). The resulting
 Citation/Abstract  Full text
-
- 4  [Short-term temperature and salinity variations in the Tsushima Strait in 2004: Behavior of the surface low-salinity water in the strait](#)  Preview
Mori, Kosuke; Matsuno, Takeshi; Senjyu, Tomoharu; Hirose, Naoki; Han, In-seong. Journal of Oceanography 65. 3 (Jun 2009): 301-310.
...ferry-boat line and inferred salinity profiles. This estimated value is more
...Examples of inferred vertical salinity profiles. Thick and thin lines represent
...Consequently, we infer vertical salinity profiles from the observed SSS using
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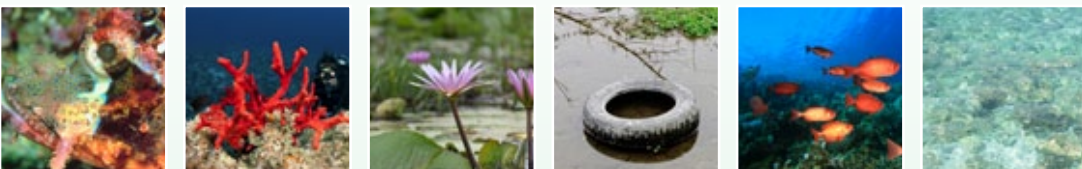
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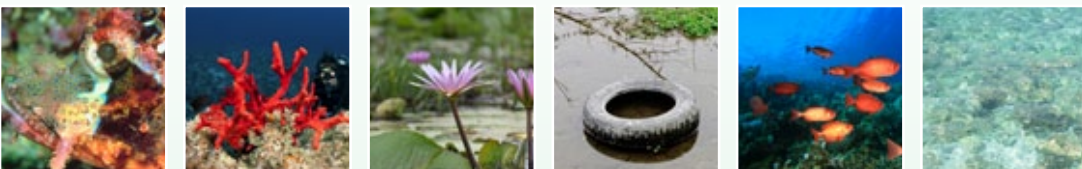
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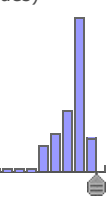
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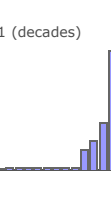
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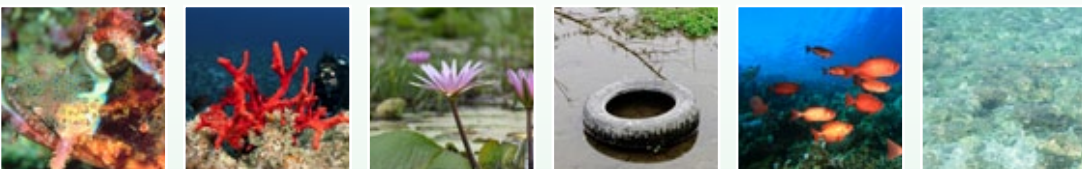
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Rajasilta, Marjut; Laine, Päivi; Paranko, Jorma. Helgolander Marine Research 65. 1 (Mar 2011): 59-66.
...the lowest salinity in the experiments, and three higher salinities (8, 12 and ...sea water. The salinities thus matched the salinity gradient at sea ...juveniles in different salinities. n = 10 in each salinity. All pairwise
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Riis, Volker; Kleinstaub, Sabine; Babel, Wolfgang. Canadian Journal of Microbiology 49. 11 (Nov 2003): 713-21.
...liquid culture at salinities between 0% and ...degradation across a salinity range of 0%-10 ...but only at lower salinity. Zvyagintseva et
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Li, Erchao; Arena, Leticia; Lizama, Gabriel; Gaxiola, Gabriela; Cuzon, Gerard; Rosas, Carlos; Chen, Liqiao; Van Wormhoudt, Alain; et al. Chinese Journal of Oceanology and Limnology 29. 2 (Mar 2011): 343-349.
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Yazdani, Maryam; Taheri, Mehrshad; Seyfabadi, Jafar. Marine Biological Association of the United Kingdom. Journal of the Marine Biological Association of the United Kingdom 90. 2 (Mar 2010): 255-259.
...approximate 12.5 ppt salinity to the designated ...experimental salinities in aquaria

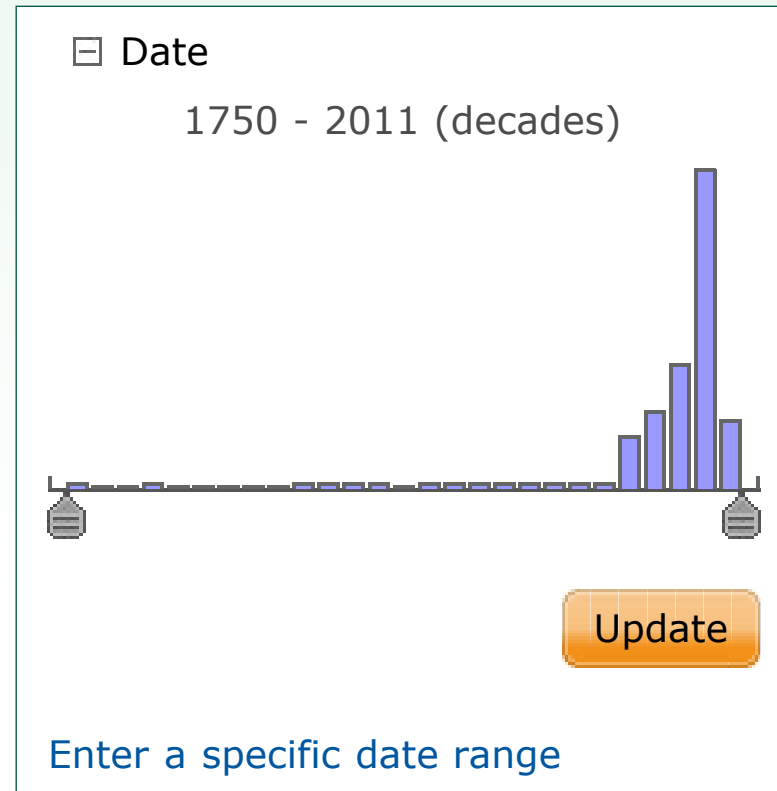


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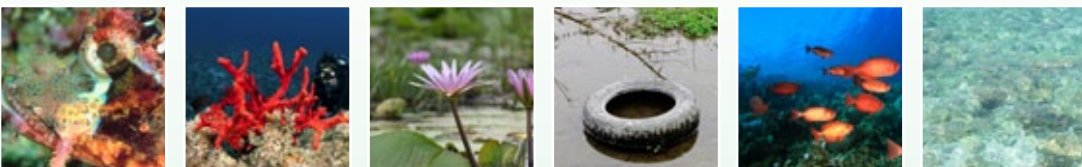
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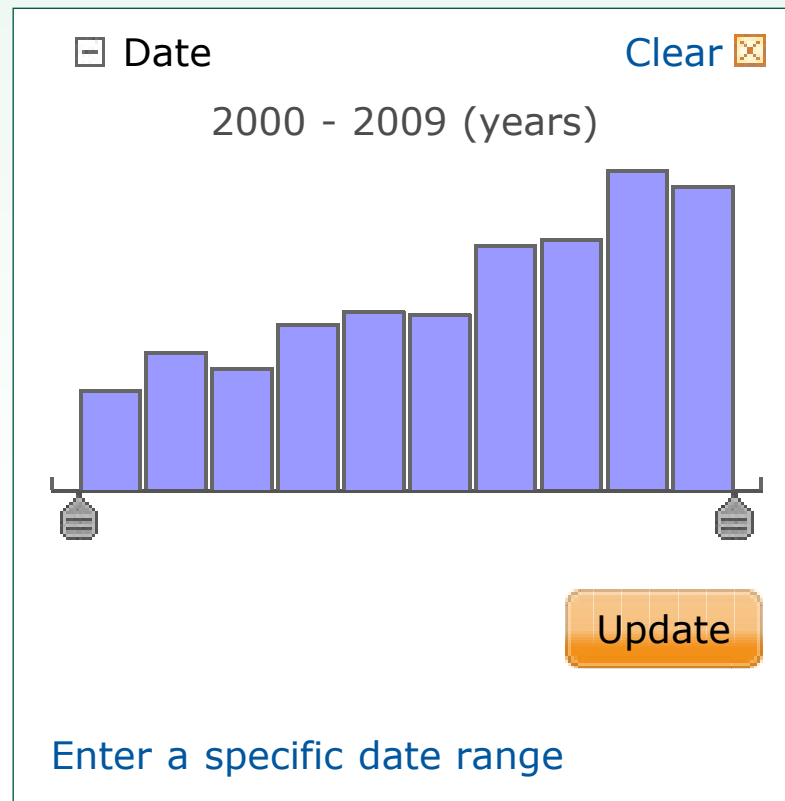
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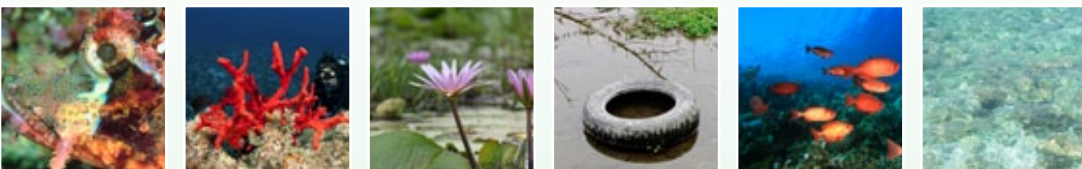
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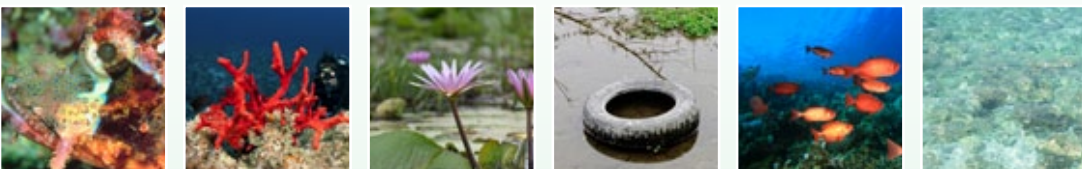
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1 [for details](#). Profiles (0a55 m) are recorded twice a month in the framework of the SOMLIT (Service d'observation en milieu littoral, http://www.domino.u-bordeaux.fr/somlit_n...)

 From: [Hydrology and circulation in a coastal area off Marseille: Validation of a nested 3D model with observations](#) [Preview](#)
Pairaud, IL; Gatti, J; Bensoussan, N; Verney, R; Garreau, P. Journal of Marine Systems 88. 1 (Oct 2011): 20-33.
Type: Table

2 [A map of Gilbert Bay, Labrador. The waters of Gilbert Bay connect with the Labrador Sea through Winnard Tickle and Williams Harbour Run, and with Alexis Bay through Main Tic...](#)

 From: [Interannual variability of physical oceanographic characteristics of Gilbert Bay: A marine protected area in Labrador, Canada](#) [Preview](#)
Best, Sara; Lundrigan, Sarah; Demirov, Entcho; Wroblewski, Joe. Journal of Marine Systems 88. 1 (Oct 2011): 128-138.
Type: Map-Study Site; Map; Figure

Sort results by: Relevance [Sort](#)

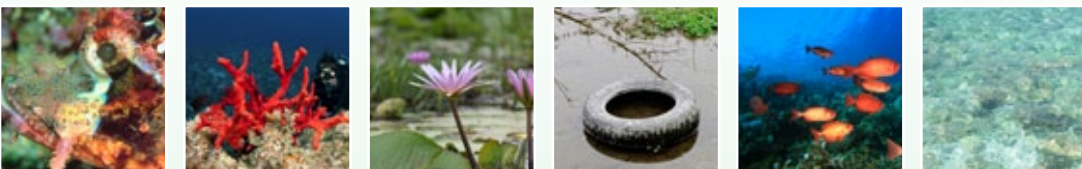
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 - Contour Plot (104)
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 - More options...
- Descriptors/Subjects
- Geographic terms
- Publication date
 - 1996 - 2011 (years)

Figures and Tables

If an article contains an image which has been categorised with terms matching your search terms then it is very likely that the article it comes from will be highly relevant to your search.

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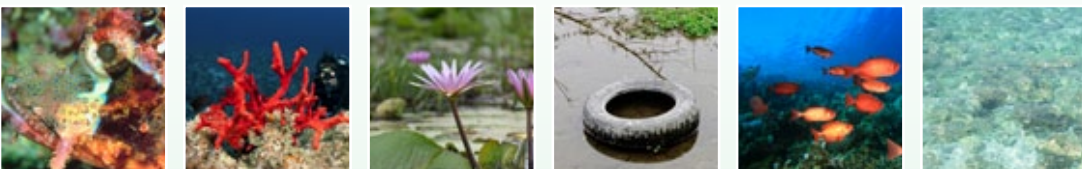
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| Include | Exclude | Figure/table type |
|-------------------------------------|--------------------------|--------------------------|
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| <input type="checkbox"/> | <input type="checkbox"/> | Table (83) |
| <input type="checkbox"/> | <input type="checkbox"/> | Time Series Plot (83) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Map (58) |
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Narrow results by: Figure/table type: Map (58)

Publication date: 1996 - 2011 (years)

11 Maps of (a) dissolved oxygen, (b) oxygen percent saturation, (c) potential temperature, and (d) salinity in the surface mixed layer (see text) measured by ITPs 6, 13, and 23...
 From: Ice-Tethered Profiler Measurements of Dissolved Oxygen under Permanent Ice Cover in the Arctic Ocean
 Timmermans, M-L; Krishfield, R; Laney, S; Toole, J. Journal of Atmospheric and Oceanic Technology 27. 11 (Nov 2010): 1936-1949.
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12 a) ...
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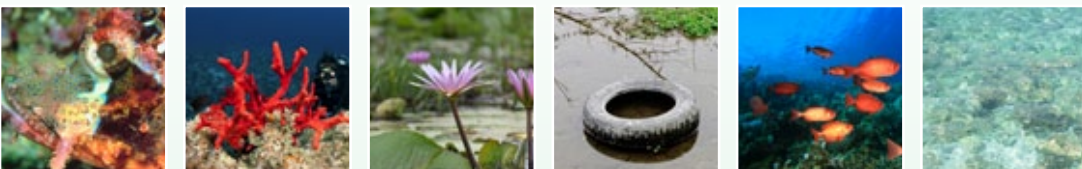
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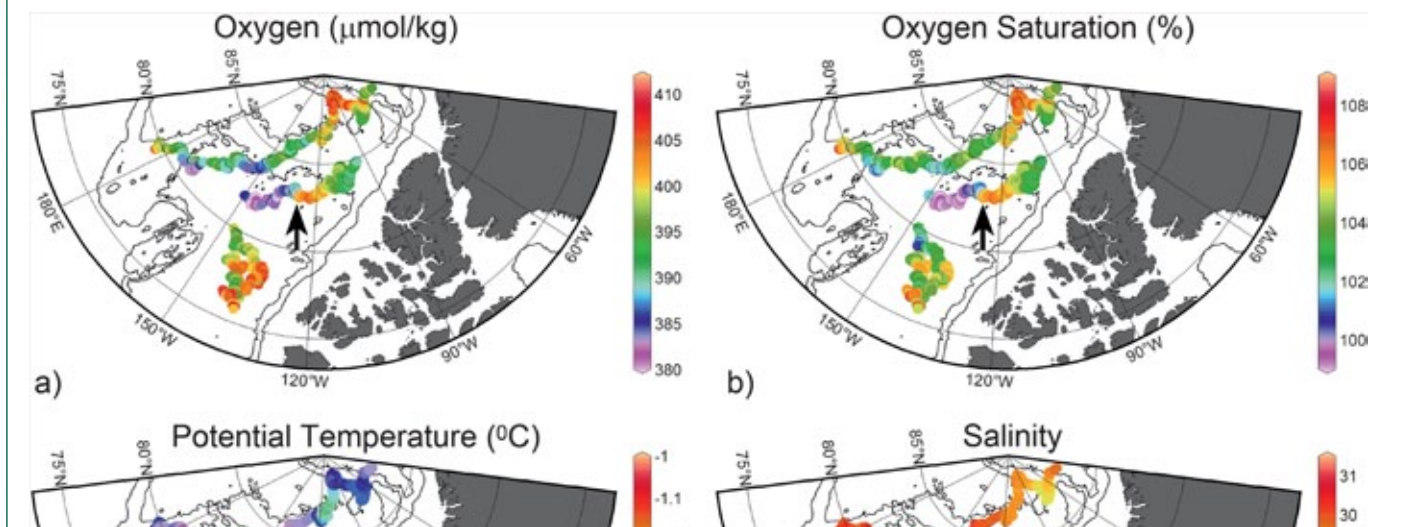
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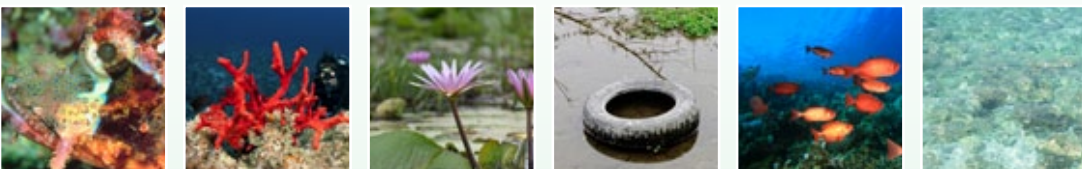
Maps of (a) dissolved oxygen, (b) oxygen percent saturation, (c) potential temperature, and (d) salinity in the surface mixed layer (see text) measured by ITPs 6, 13, and 23 and ITP 29 between 5 Sep 2006 and 23 Dec 2009. Values are not plotted if the mixed layer depth was either within 2 m of the shallowest depth sampled by the ITP or was ≥ 10 m (i.e., if the shallowest depth sampled did not reach the surface mixed layer; primarily these are profiles from ITPs 6 and 13 in July and August 2007 when the mixed layer is thinner than 10 m). The arrows in each panel mark the crossing of a water mass front by ITP 23.



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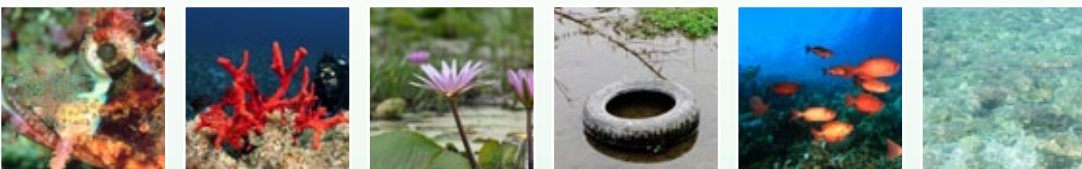
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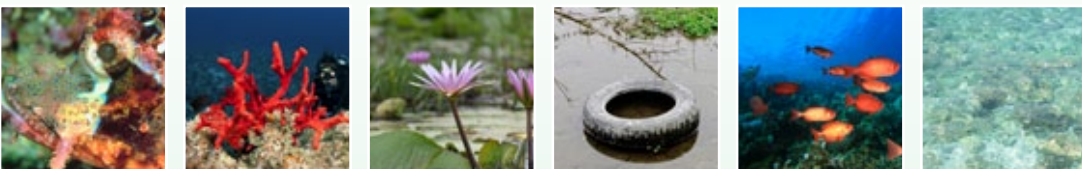


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Kim, Y., & Fletau, M. (2010). Hindcasting the january 2009 arctic sudden stratospheric warming and its influence on the arctic oscillation with unified parameterization of orographic drag in NOGAPS. part I: Extended-range stand-alone forecast. *Weather and Forecasting*, 25(6), 1628-1644. Retrieved from <http://search.proquest.com/docview/852227125?accountid=131239>

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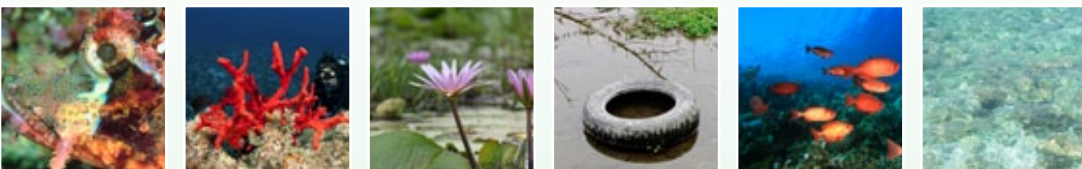
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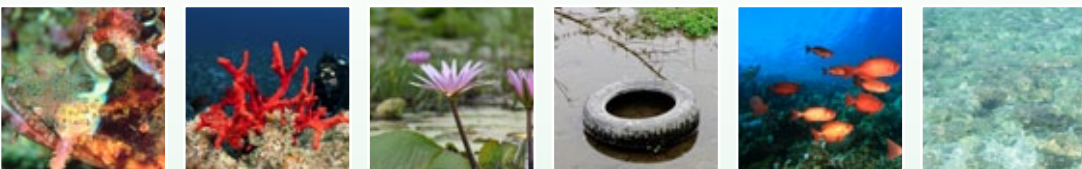
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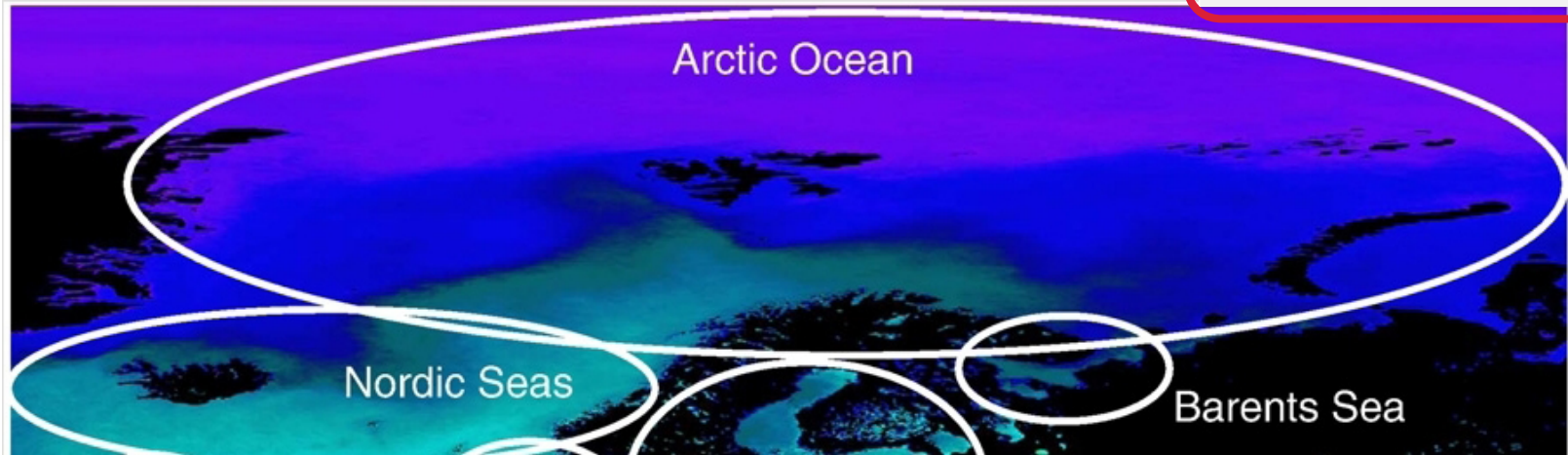
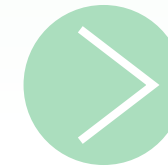
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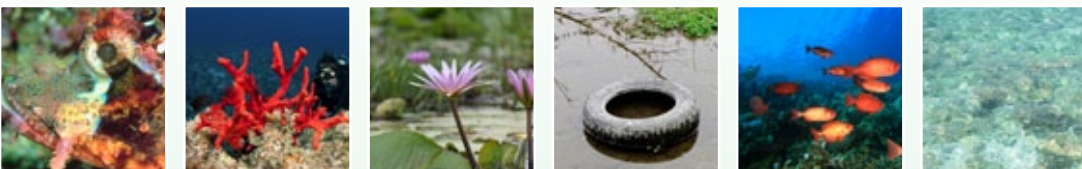
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Caption
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 Annually averaged sea surface temperature in 2009 as measured by MODISA satellite (4 km resolution, 11:00 ca locations of main European marine systems discussed in this paper.

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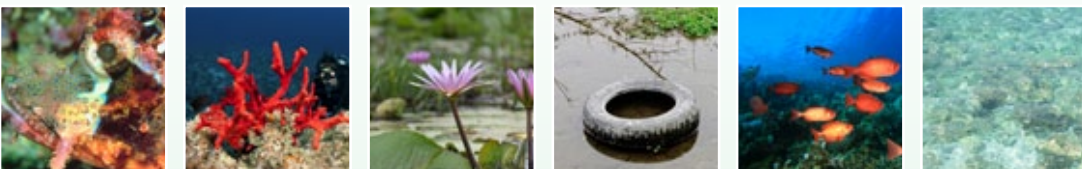
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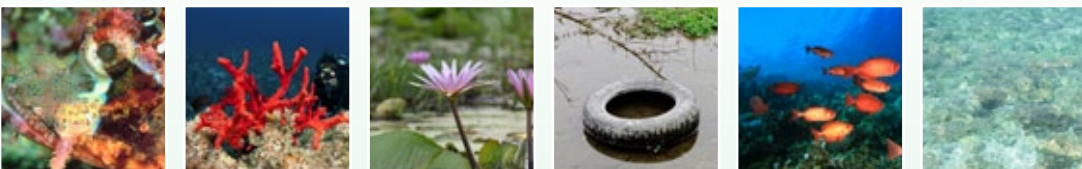
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