

**Ocean and Earth Science: a brief guide to information resources for extended project A level students**

This is a brief guide to some sources of information to help you with your academic studies.

- This guide lists resources which are freely available. You will be able to access these before you arrive here for a visit so you can begin researching your subject while still at home. You may even decide that you do not need to make a special trip to look at the resources in our library.
- We also have a number of training tools to help you with searching for information

**Freely available resources**

<b>Search tools</b>	<p><b>WorldWideScience</b> A scientific search engine. You will only be able to see abstracts of journal articles unless the source is open access. <a href="https://worldwidescience.org/indextext">https://worldwidescience.org/indextext</a></p> <p><b>Google Scholar</b> Google Scholar helps you find relevant work across the world of scholarly research. It searches articles, theses, books, abstracts and court opinions, from academic publishers, professional societies, online repositories universities and other web sites. <a href="http://scholar.google.co.uk">scholar.google.co.uk</a></p>
<b>Organisations</b>  Many Organisations make their publications available via their website	<p><b>The National Oceanography Centre</b> <a href="http://noc.ac.uk/">http://noc.ac.uk/</a></p> <p><b>The Challenger Society for Marine Science</b> <a href="http://www.challenger-society.org/">http://www.challenger-society.org/</a></p> <p><b>The Geological Society</b> <a href="http://www.geolsoc.org.uk/">http://www.geolsoc.org.uk/</a></p> <p><b>International Council for the Exploration of the Sea (ICES)</b> <a href="http://www.ices.dk">http://www.ices.dk</a></p> <p><b>Marine Biological Association</b> <a href="http://www.mba.ac.uk/">http://www.mba.ac.uk/</a></p> <p><b>Marine Conservation Society</b> <a href="http://www.mcsuk.org/">http://www.mcsuk.org/</a></p>

	<p>Society for Underwater Technology <a href="http://www.sut.org.uk/">http://www.sut.org.uk/</a></p> <p>Royal Geographical Society <a href="http://www.rgs.org/">http://www.rgs.org/</a></p> <p>Royal Meteorological Society <a href="http://www.rmets.org/index.php">http://www.rmets.org/index.php</a></p>
Full text sources	<p><b>Research repositories</b> Contain bibliographic details of any research output which may be in the form of: Journal articles, Book chapters, Conference papers, Theses, Cruise reports and other types of research publications. They may also include unpublished manuscripts, papers and data. Where the full text is available this can be used in accordance with copyright and end-user permissions.</p> <ul style="list-style-type: none"> <li>• <b>ePrints</b> - <a href="http://eprints.soton.ac.uk/">http://eprints.soton.ac.uk/</a> University of Southampton Institutional research repository. You can discover more about our scientists' research by searching our online repository.</li> <li>• <b>NERC Open Research Archive (NORA)</b> - <a href="http://nora.nerc.ac.uk/">http://nora.nerc.ac.uk/</a> This archive is a central repository for published material such as academic papers or reports that have resulted from research funded by the Natural Environment Research Council.</li> <li>• <b>OceanDocs Repository of Ocean Publications</b> - <a href="http://www.oceandocs.org/">http://www.oceandocs.org/</a> Research and Publications in Marine Science in digital form, including preprints, published articles, technical reports, working papers and more.</li> <li>• <b>BODC Cruise Inventory</b> - <a href="https://www.bodc.ac.uk/data/information_and_inventories/cruise_inventory/">https://www.bodc.ac.uk/data/information_and_inventories/cruise_inventory/</a> Our scientists produce Cruise Reports. You can discover more about Cruise Reports and search for electronic copies of a report.</li> </ul>
eJournals	<p><b>Copernicus Publications</b> Publisher of open access journals, providing literature in science <a href="http://publications.copernicus.org/open-access_journals/open_access_journals_a_z.html">http://publications.copernicus.org/open-access_journals/open_access_journals_a_z.html</a></p> <p><b>Directory of Open Access Journals</b> Covers free, full text, quality controlled scientific and scholarly journals</p>

<http://www.doaj.org/>

**ScienceDirect**

Guest users/Individuals can access all abstracts and citations content on ScienceDirect for free. Access to a limited amount of full-text materials (on ScienceDirect, these are indicated by the green box 'Full-text available') are also available:

- **Open Access Journals** – Elsevier has a growing number of Open Access journals. Articles published in these journals are freely available to anyone with an internet connection, and are hosted on our ScienceDirect platform. There are no subscription charges for these journals.

<http://www.sciencedirect.com/science/journals/a/open-access>

- A number of Elsevier journals have open access articles where authors or funding bodies sponsor access to individual articles and are hosted on the ScienceDirect platform.

<http://www.sciencedirect.com/science/journals/a/contains-open-access>

**Scientific Research**

Academic publisher of open access journals

<http://www.scirp.org/>

<b>Gateways</b>	<p><b>The Virtual Library: Earth Science</b> A list of resources, some of which are open access, in various Earth Science disciplines including Oceanography. <a href="http://vlib.org/EarthScience">http://vlib.org/EarthScience</a></p> <p><b>EurOcean</b> A focal point for information on marine science and technology in Europe. This Internet portal is aiming to provide information on topics related to marine science and technology in Europe. <a href="http://www.eurocean.org/">http://www.eurocean.org/</a></p>
<b>Encyclopedias</b>	<p><b>Encyclopedia of Life</b> <a href="http://eol.org/">http://eol.org/</a></p> <p><b>Wikipedia</b> <a href="http://www.wikipedia.org/">http://www.wikipedia.org/</a></p>
<b>Catalogues</b>	<p><b>WebCat</b> The catalogue of the Library. To discover which books and journals you can refer to in our library. <a href="http://www-lib.soton.ac.uk/">http://www-lib.soton.ac.uk/</a></p> <p><b>Southampton City Libraries</b> You can link to the catalogue of the city libraries from this page and see what additional resources Southampton's public libraries can offer to you. <a href="http://www.southampton.gov.uk/libraries-museums/using-library/">http://www.southampton.gov.uk/libraries-museums/using-library/</a></p>
<b>Data sources and data sets</b>	<p>This lists a number of resources which are freely available:</p> <p><b>British Oceanographic Data Centre</b> <a href="http://www.bodc.ac.uk/">http://www.bodc.ac.uk/</a></p> <p><b>GeoIndex</b> <a href="http://www.bgs.ac.uk/geoindex/">http://www.bgs.ac.uk/geoindex/</a></p> <p><b>Go-Geo!</b> <a href="http://www.gogeo.ac.uk/">http://www.gogeo.ac.uk/</a></p> <p><b>International Oceanographic Data and Information Exchange</b> <a href="http://www.iode.org/">http://www.iode.org/</a></p> <p><b>Marine environmental data &amp; information network</b> <a href="http://www.oceannet.org/">http://www.oceannet.org/</a></p> <p><b>Ocean Data Portal</b> <a href="http://www.oceandataportal.org/">http://www.oceandataportal.org/</a></p>
<b>Public libraries</b>	<p>Access to Research - <a href="http://www.accesstoresearch.org.uk/">http://www.accesstoresearch.org.uk/</a></p>

	<p>Access to Research gives free, walk-in access to over 15million academic articles in participating public libraries across the UK. Students and independent researchers can now access many of the world's best academic papers from leading publishers who have made their journal content available for free. Use the search on the webpage to check whether your local public library is participating.</p> <p>Local Library Services - <a href="https://www.gov.uk/local-library-services">https://www.gov.uk/local-library-services</a>          Use the online search to find out details of your local library and details of how to join.</p>
<h3>Training tools</h3>	
<b>WebCat</b>	<p>WebCat is the Library's catalogue, the information on the help page will give you a good grounding in using it effectively  <a href="http://library.soton.ac.uk/tutorials/webcat">http://library.soton.ac.uk/tutorials/webcat</a></p>
<b>Library Instruction tutorials</b>	<p>Getting started with your research  <a href="http://www.clipinfolit.org/writing-tutorial">http://www.clipinfolit.org/writing-tutorial</a></p> <p>Using Wikipedia for Academic Research  <a href="http://www.schooltube.com/video/ef2fbba72d8aa69e1a48/Using-Wikipedia-for-Academic-Research">http://www.schooltube.com/video/ef2fbba72d8aa69e1a48/Using-Wikipedia-for-Academic-Research</a></p> <p>Further advice and training tutorials available  <a href="http://library.soton.ac.uk/home/infoskills">http://library.soton.ac.uk/home/infoskills</a></p>