

SCIENCE HEALTH & ENVIRONMENT

Free access collections and archives

Below is a selection of both free-to-access and restricted archives that are an extremely valuable source of information for researchers. The full collection can be accessed and searched via the JISC website <http://www.jisc-content.ac.uk/>

Darwin's Library

Rare volumes and manuscripts with marginal notes trace the development of the thoughts of English naturalist Charles Darwin, from his voyage on the Beagle to the publication of the Origin of Species.

Enlightening Science: bringing Newton's science to life

Newton's diverse work and theories revealed with video and audio interviews with Newtonian experts, explanatory secondary material and Newton's actual transcripts, organised around themes such as science and religion, optics, physics and astronomy.

The Faculties

Short films on topics including maths, english and psychology and other resources aimed at encouraging learning and helping students make the transition from school to university.

Freeze Frame

Over 20,000 images from the Scott Polar Research Institute documenting the exploration of the Arctic and Antarctica, from 1842 to 1986, including the 'lost' photographs of Captain Scott.

From Cemetery to Clinic: Digitized Pathological Data

A collection of 3-D scans and X-rays of skeletons excavated from a medieval leprosarium or leper hospital that existed in Chichester from the early 12th century until at least 1418, as well as X-rays from leprosy patients from 1980s Ethiopia.

Image Path

Pathology slides covering diseases that were once common but are now rare thanks to medical advances of the 20th Century, including cancers, gastro-intestinal and skin diseases.

Living Books about Life: LiviBL

E-books around the topic of 'life' which aim to bridge the divide between the humanities and science and cover a variety of areas, including air, agriculture, bioethics, cosmetic surgery, energy, neurology and human cloning.

Old Weather

An interactive project featuring worldwide weather reports dating from the mid-19th Century, including from 238 Royal Navy ships around the time of World War I, with opportunities for 'citizen scientists' to transcribe log-books.

Pleiades Project

An interactive knowledge sharing hub for scholars, students and enthusiasts about the geography of the ancient world.

STEM Wishees

Podcasts, tutorials and texts to help students improve their writing in Science, Technology, Engineering and Mathematics (STEM), drawing from examples and expertise from the school, university and employment sectors.

Transatlantic Archaeology Gateway (TAG)

Access to the archaeological datasets of the UK and North American institutions

UK PubMed Central (UKPMC)

Free access to over 100 years' worth of biomedical and life sciences research literature, particularly papers published in the UK and USA.

Restricted access collections and archives

American Chemical Society (ACS) Legacy

Full-text searching and instant access to all ACS titles published from 1879 to 1995, including papers by well-known authors and Nobel prize winners.

BIOSIS Previews

18 million publications dating back to 1926, with weekly updates, going beyond traditional life science disciplines to cover bioengineering, biophysics and experimental clinical medicine.

Brill Journal Archive Online

Over 50,000 articles from more than 100 journals, encyclopaedias, monographs and books, on subjects including Classical Studies, Islamic & Middle Eastern Studies, Biblical Studies, and Biology.

British Library Electronic Thesis Online (ETHOS) Service

Over 250,000 theses on a wide range of subjects from more than 100 participating UK higher education institutions, plus a tool kit and regular news updates.

Historic Digimap

Featuring maps published from 1843 onwards enabling users to pinpoint and compare specific locations over time in a variety of aspects such as geology, archaeology, and civil engineering.

Institution of Civil Engineers Virtual Library Archive

The complete journal archive of the ICE since 1836, including the autobiography of Scottish civil engineer Lord Telford.

Internet Archaeology

This e-journal makes full use of digital technology to present archaeological research in an engaging format, including full-colour images, searchable data sets, visualisations and interactive mapping.

IOP Publishing Journal Archive

IOP's entire archive of journals dating from 1874 to 1998, including the Historical Proceedings of the Physical Society of London.

Oxford Journals Archive

The online journal archive of the Oxford University Press, with over 230 titles dating back more than a century.

Royal Society of Chemistry Journals Archive

All articles and journals published by the UK's Royal Society of Chemistry and its forerunners – including the Chemical Society, with periodicals, memoirs, meeting notes and other items dating back to 1840.

Taylor & Francis Geography

Access to 40 journals up to 1996 with a focus on environment, geography, planning, and urban studies, many of which involve association with prestigious societies and organisations, for example, the Royal Institute of British Architects, and the Royal Scottish Geographical Society.

Web of Science Backfiles

Information from approximately 8,700 of the world's most prestigious, high impact research journals, covering a wide range of disciplines from archaeology to zoology.