

CIVIL ENGINEERING INFORMATION SOURCES QUICK GUIDE

Books

You can search for books in the Library by looking on the Library catalogue: <http://www.brad.ac.uk/library>. See **reading lists online** for books recommended for individual modules.

- Spain, B. (2010) *Spon's first stage estimating handbook*. London: Spon Press. Classmark: X69.003.12 SPO
- The Chartered Institute of Building. (2010) *Code of practice for project management for construction and development*. 4th ed. Ames, Wiley- Blackwell.
- Halpin, D.W. (2011) *Construction management*. Hoboken: Wiley-Blackwell.

eBooks

Type the titles into the Library catalogue and follow the hyperlink to connect to the ebook. Alternatively go to eResources and Databases and search Knovel. (A collection of Civil Engineering ebooks.)

- Blake, L. (1989) *Civil Engineer's Reference Book*, 4th edn. *Knovel* [Online] Available

at: <http://www.knovel.com>. Accessed: 18 July 2011.

- Mitchell, J.K. and Kenichi, S. (2005) *Fundamentals of soil behaviour*. 3rd edn. *Knovel* [Online] Available at: <http://www.knovel.com>. Accessed: 18 July 2011.
- ICE Manual of construction materials (2009)

Dictionaries

- Blockley, D. I. (2005) *The new Penguin dictionary of civil engineering*
Classmark: X 624(03) BL

Journal Titles

Some examples of useful titles the Library subscribes to:

- Concrete
- Geotechnique
- Journal of Bridge Engineering.
- Magazine of Concrete Research.
- Proceedings of the ICE - Bridge engineering.
- ICE Proceedings - Engineering sustainability.
- Materials and Corrosion.
- Materials & Design

- Proceedings of the ICE - Construction Materials
- Proceedings of the ICE - Civil Engineering
- Proceedings of the ICE - Waste and Resource Management.
- Proceedings of the ICE - Urban Design and Planning.
- Structural Engineer.
- Journal of fluid mechanics.

Information Databases

All the following databases can be found on the Library home page. Follow the link eResources and Databases.

- **Compendex®**: This is the first place to look for all engineering research. Compendex is the most comprehensive database for engineering. You can search for journals articles, technical papers and conference proceedings. The material dates back to 1884.
- **Web of Knowledge**: This has two very useful, scholarly, comprehensive databases within it: Web of Science and Journal Citation Index. Web of science indexes peer reviewed journals. It is a good multidisciplinary database. It is possible to do a 'citation search'. This function enables you to search for all the papers, which have quoted a particular reference.

- **Barbour Index Health and Safety:** Full text of a wide range of up to date health and safety documentation, including legislation, regulations, standards and guidance.
- **Construction Information Service:** Documentation; journal articles, standards and documents used by practitioners in construction industry. This includes publications from Building Research Establishment (BRE) and Transport Research Laboratory (TRL).
- **ScienceDirect®:** Full text access to over 2,000 peer reviewed journal titles.

Conference Proceedings

- **Web of Science:** Indexes proceedings of conferences.
- **British Library Integrated Catalogue:** Has an index of UK conference proceedings.

Standards

- **American Society for Testing and materials (ASTM)** Classmark: T6 AME <http://www.astm.org/> (Not full text)
- **British Standards Online:** The library has access to all current British Standards in full text via BSOonline. Eurocodes also included.

Patents

- **Esp@cenet:** Worldwide coverage from 63 different countries.

Maps

- **Digimap®:** Digital Ordnance Survey maps UK. Maps can also be downloaded into CAD software.
- **Soilscapes:** Soilscapes is a 1:250,000 scale simplified soils dataset covering England and Wales. It was created from the more National Soil Map (NATMAP vector) with the purpose of effectively communicating a general understanding of the variations that occur between soil types, and how soils affect the environment.

Price Information

- **UK Building Blackbook** Construction cost information. Classmark: X69.003.12 HUT
- **Spon's Architects and Builders Price Book**, London: Spon Classmark X69.003.12 SPO
- Also available as an eBook.
- **Building Maintenance Price Book (2010)**
- Classmark: X 69.003.12 BUI

Theses and Research

- **ETHOS** (Electronic Theses Online Service): Look here to find UK PhD theses that have been digitalised. If ETHOS is unable to supply you with the thesis please ask and we might be able to get it via the Inter-Library Loan service.

- **Bradford Scholars:** Bradford Scholars is an online service designed to host the full text of research materials produced by staff and MPhil/PhD students at the University of Bradford
- **Virtual Scholars:** All the university of Bradford dissertations

Past Exam Papers

- Past exam papers are available via Blackboard. To access them log into Blackboard and click on Past Exam Papers under Student Organisations.

Professional Organisations

- Institution of civil Engineers (ICE) <http://www.ice.org.uk>
- American Society of Civil Engineers (ASCE) <http://www.asce.org>

Email alerts

- **Zetoc** : Regular updates from the British Library

Help

If you need any further information or help using all the resources, please contact Kirsty Carver: Subject Librarian for EDT. Room 1.9

k.carver@bradford.ac.uk

You will also find useful information on the Library home page.

<http://www.bradford.ac.uk/library>