SUSTAINABLE ENVIRONMENTAL DESIGN

This reading list has been given to the library by the course tutor. Please note that the library holds as many items as possible from this list, however if any items are not held in the library's collection, these may be requested via Interlibrary loan on collections.aaschool.ac.uk.

Some items may be shared with other programmes or located in other parts of the library. For location details please consult the online library catalogue.

† and ‡ marked books are on the Programme shelf in the library.

Built Examples, Case Studies
see also: AA E+E SED Building Studies Projects from previous years (in SED Studio, Office and on File Server).
see also: Architects Journal Building Library ajbuildingslibrary.co.uk
see also: Architectural Review, The Plan, Detail and other architectural periodicals
see also: PROBE (Post-occupancy Review of Buildings and their Engineering) case studies at: www.usablebuildings.co.uk/
City Microclimates, Design of Outdoor Spaces


Ng, E. (Ed. 2009). Designing High Density Cities. Earthscan.


Comfort, Post-Occupancy Evaluation, Behaviour Studies


Baker N V. (2001). We are really outdoor animals. Moving comfort standards in the 21st century Conf. [FS]


Monograph 2. [FS] see also: www.revival-eu.net


Project, UK ESRC programme. [FS]


[FS].


[* see also Design Principles section

* see also: PROBE (Post-occupancy Review of Buildings and their Engineering) case studies at: www.usablebuildings.co.uk/

**Daylighting**


[* see also The European Database of Daylight and Solar Radiation www.satel-light.com/core.htm
**Design Principles**


◊ see also sections on: Passive Heating and Cooling; Ventilation; Daylighting; Solar Control.

◊ see also multilingual glossary of terms: www.eesc.europa.eu/resources/docs/eesc-2011-01-en-fr-de-es.pdf

**Environmental Engineering**


**Environmental Targets & Benchmarks, Environmental Analysis Tools & Data**

ASHRAE. *Handbook of Fundamentals*. American Society of Heating Refrigerating and Air Conditioning Engineers.


see also: CarbonBuzz www.carbonbuzz.org/

see also: PROBE (Post-occupancy Review of Buildings and their Engineering) case studies at: www.usablebuildings.co.uk/

see also: Specialist environmental software used on SED project work.

**Environmental Assessment, Life Cycle Costing**


RIBA (no date). *Climate Change Tools*. Royal Institute of British Architects. See in particular the booklets on *Whole Life Assessment for Low Carbon Design and Carbon Literacy Briefing*.

see also: BRE Green Guide www.bre.co.uk/greenguide

see also: BREEAM www.breeam.org/

**Materials & Construction Techniques**


see also Environmental Design Principles & Data, Engineering Manuals, Environmental Analysis Tools & Data sections.
Passive Heating & Cooling
Architectural Research Quarterly vol14 no.2 pp139-152. Cambridge University Press.
☞ see also: Daylighting; Design Principles; Ventilation

PLEA Conference Proceedings
PLEA 2015, Bologna, Italy see Book of Abstracts and online at plea2015
PLEA 2014, Ahmadabad, India see online at: plea2014.in/proceedings/
PLEA 2013, Munich, Germany see online at: plea-arch.org
PLEA 2012, Lima, Peru see online at: plea-arch.org


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see AA Library for printed copies of PLEA Proceedings from 1982 to 2011.

Sustainability Theories & Issues


Ventilation


