

# **Earth and Environmental Science**

## **Course of Study**

### **Resource List**

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by

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# EARTH AND ENVIRONMENTAL SCIENCE COURSE OF STUDY

## RESOURCES

This list of resources was prepared by officers from the Curriculum Standards Directorate (Curriculum Materials Information Services) in the Department of Education and Training. The list is presented in two parts:

**Part One:** Books, Videos, Journals, DVDs, computer software

**Part Two:** Websites

Further details of each item can be found online on the CMIS Resource Bank, which is an online database. Links to this have been made from an Earth and Environmental Science Course of Study webpage at:

[www.eddept.wa.edu.au/cmisis/eval/curriculum/courses/earthenviroscience/](http://www.eddept.wa.edu.au/cmisis/eval/curriculum/courses/earthenviroscience/)

In this database all of the Earth and Environmental Science resources have also been linked to specific content or outcomes and can be accessed under these headings. The webpage also contains a list of Suppliers, Key Documents and Key Websites for quick access.

### PART ONE

#### BOOKS, VIDEOS, JOURNALS, DVDs, COMPUTER SOFTWARE

**Allaby, Ailsa [ed.]**

*A Dictionary of earth sciences* / edited by Ailsa Allaby and Michael Allaby.  
Oxford : Oxford University Press, 2003.  
0-19-860760-1

**Aplin, Graeme**

*Global environmental crises : an Australian perspective* / Graeme Aplin ... [and others].  
South Melbourne : Oxford University Press Australia, 1999.  
0-19-550827-0

**Arnell, Nigel**

*Hydrology and global environmental change* / Nigel Arnell.  
Harlow, England : Prentice Hall, 2002.  
0-582-36984-3

**Blackerby, Bruce A.**

*Geology workbook for the Web* / prepared by Bruce A. Blackerby.  
Belmont, Calif. : Wadsworth, 1997.  
0-314-21072-5

**Braile, Lawrence W.**

*Study guide for Murphy/Nance's Earth science today* / Lawrence W. Braile.  
Belmont, Calif. : Brooks/Cole, 1999.  
0-534-52184-3

## EARTH AND ENVIRONMENTAL SCIENCE COURSE OF STUDY

### RESOURCES

#### **The blue planet**

***The blue planet : an introduction to earth system science*** / Brian J. Skinner, Stephen C. Porter, Daniel B. Botkin.  
New York : Wiley, 1999.  
0-471-16114-4

***Laboratory manual to accompany The blue planet : an introduction to earth system science***. 2nd ed. / Marcia G. Bjornerud.  
New York : Wiley, 1999.  
0-471-32616-X

***Study guide to accompany The blue planet : an introduction to earth system science***. 2nd ed. / Michael A. Jordan.  
New York : Wiley, 1999.  
0-471-32613-5

#### **BMR Palaeogeographic Group**

***Australia : evolution of a continent*** / BMR Palaeogeographic Group ; coordinated by H.I.M. Struckmeyer & J.M. Totterdell.  
Canberra : AGPS, 1992.  
0-644-25298-7

#### **Branagan, David F. [ed.]**

***Beneath the scenery : geology for senior students*** / edited by David F. Branagan.  
Sydney : Science Press, 1977.  
0-85583-005-0

#### **Buckley, Bruce**

***Weather : the Macmillan visual guide*** / Bruce Buckley, Edward J. Hopkins, Richard Whitaker.  
Sydney : Macmillan, 2004.  
1-405-03591-9

#### **Busch, Richard M.**

***Laboratory manual in physical geology*** / produced under the auspices of American Geological Institute and National Association of Geology Teachers ; edited by Richard M. Busch ; illustrated by Dennis Tasa.  
Upper Saddle River, N.J. : Pearson Prentice Hall, 2006.  
0-13-149745-6

#### **Byrne, Kevin**

***Environmental science*** / Kevin Byrne.  
Cheltenham : Nelson Thornes, 2001.  
0-17-448305-8

#### **Carlson, Diane**

***Physical geology : earth revealed***. [6<sup>th</sup> ed.] / Diane Carlson; Charles C. Plummer; David McGeary.  
Boston : McGraw Hill Higher Education, 2006  
0-07-282696-7

## EARTH AND ENVIRONMENTAL SCIENCE COURSE OF STUDY

### RESOURCES

**Clark, John O. E.**

***Facts on file dictionary of earth science*** / John O. E. Clark and Stella Stiegeler  
New York : Facts on File, 2000  
0-8160-4287-X

**CSIRO**

***Management of dryland salinity : future strategic directions in the context of developing a national policy for natural resource management.***

Collingwood, Vic. : CSIRO, 2000.  
0-643-06611-X

**Diagram Group**

***Earth science : an illustrated guide to science.***

New York : Facts on File, 2006  
0-8160-6164-5

**Dickey, John S.**

***On the rocks : earth sciences for everyone*** / John S. Dickey.

New York : John Wiley, 1996.  
0-471-13234-9

***Discovery [CD\_ROM] : explore the world of oil & gas.***

[Australia] : Australian Institute of Petroleum, 1997.  
1-87577-933-7

**Earth science today**

***Earth science today*** / Brendan Murphy, Damian Nance.

Pacific Grove, Calif. : Brooks/Cole, 1999.  
0-534-38475-7

***Slide set for Earth science today*** [slide] / Brendan Murphy, Damian Nance.

Belmont, Calif. : Brooks/Cole, 1999.  
0-534-52189-4

***Transparency acetates for Earth science today*** [transparency] / Brendan Murphy, Damian Nance.

Belmont, Calif. : Brooks/Cole, 1999.  
0-534-52188-6

***Instructor's resource manual for Murphy/Nance's Earth science today*** / prepared by Keith Sverdrup.

Belmont, Calif. : Brooks/Cole, 1999.  
053451851

**Eby, G. Nelson**

***Principles of environmental geochemistry*** / G. Nelson Eby.

Southbank, Vic. : Thomson, 2004.  
0-12-229061-5

**FitzPatrick, E. A.**

***An introduction to soil science*** / by E.A. FitzPatrick.

Edinburgh : Oliver and Boyd, 1974.  
0-05-002777-8

# EARTH AND ENVIRONMENTAL SCIENCE COURSE OF STUDY

## RESOURCES

***The Geology of Australia*** [CD-ROM].

Sydney : CD Solutions, 1997.

0-646-29633-7

**Goudie, Andrew**

***The human impact on the natural environment : past, present and future.***

[6<sup>th</sup> rev. ed.] / Andrew Goudie.

Oxford : Blackwell, 2005

1-4051-2704-X

**Hamblin, W. Kenneth**

***Earth's dynamic systems*** / W. Kenneth Hamblin, Eric H. Christiansen.

Upper Saddle River, N.J. : Prentice Hall, 2001.

0-13-018371-7

**Heffernan, David**

***Spotlight earth & environmental science. Preliminary*** / David Heffernan ... [and others].

Marrickville, NSW : Science Press, 2002 [i.e. 2001]

0-85583-436-6

**Hubble, Tom**

***Earth and environmental science : the HSC course*** / Tom Hubble, Chris

Huxley, Iain Imlay-Gillespie.

Cambridge : Cambridge University Press, 2002.

0-521-01663-0

**Hurlbut, C. S.**

***Dana's minerals and how to study them.*** [4<sup>th</sup> rev.ed] / C.S. Hurlbut; W.E. Sharp.

New York : John Wiley & Sons, 1998

0-471-15677-9

**Imlay-Gillespie, Iain**

***Earth and environmental science : the preliminary course*** / Iain Imlay-Gillespie and Chris Huxley.

Cambridge : Cambridge University Press, 2002.

0-521-89020-9

**Jones, Gareth**

***People and the environment : a global approach*** / Gareth Jones.

Harlow : Pearson, 2004.

0-582-41412-1

**Kearey, Philip**

***The new Penguin dictionary of geology*** / Philip Kearey.

London : Penguin, 2001.

0-14-051494-5

**Kump, Lee R.**

***The earth system*** / Lee R. Kump, James F. Kasting, Robert G. Crane.

Upper Saddle River, N.J. : Pearson Prentice Hall, 2004.

0-13-142059-3

## EARTH AND ENVIRONMENTAL SCIENCE COURSE OF STUDY

### RESOURCES

**Lane, Peter**

***Geology of Western Australia's national parks : geology for everyone*** / Peter Lane.

Margaret River, WA : P. Lane, 2004.

0-646-43995-2

***McGraw-Hill dictionary of earth science.***

New York : McGraw-Hill, 2003.

0-07-141045-7

**McKenzie, Fred**

***Our changing planet : an introduction to earth system science and global environmental change*** [.3<sup>rd</sup> ed]. / Fred T. McKenzie; Judith A. McKenzie.

Upper Saddle River, NJ : Prentice-Hall, 2003

0-13-065172-9

**Marshak, Stephen**

***Earth : portrait of a planet*** / Stephen Marshak.

New York : Norton, 2005.

0-393-92502-1

**Matthews, John A. [ed.]**

***The encyclopaedic dictionary of environmental change*** / edited by John A.

Matthews ... [and others].

London : Arnold, 2003.

0-340-80976-0

**Miller, G. Tyler**

***Living in the environment : principles, connections and solutions*** / G. Tyler

Miller, Jr.

Pacific Grove, Calif. : Brooks/Cole, 2005.

0-534-99728-7

**Montgomery, Carla W.**

***Environmental geology.*** [7<sup>th</sup> ed.] / Carla W. Montgomery.

Boston : McGraw Hill Higher Education, 2006

0-07-304082-7

**Morrison, Reg**

***Australia : land beyond time : the 4-billion-year journey of a continent*** / Reg

Morrison.

Sydney : New Holland, 2002.

1-87633-492-4

***Australia's four-billion-year diary*** / Reg Morrison.

Potts Point, NSW : Sainty, 2005.

0-9581055-2-9

**Myers, Norman [ed.]**

The new Gaia atlas of planet management / general editors, Norman Myers & Jennifer Kent.

London : Gaia, 2005.

1-85675-209-7

## EARTH AND ENVIRONMENTAL SCIENCE COURSE OF STUDY

### RESOURCES

**New South Wales. Board of Studies.**

***Elemental*** [computer software] : ***exploring the Australian minerals industry.***  
Board of Studies NSW 1998

**Plummer, Charles C.**

***Physical geology*** / Charles C. Plummer, David McGeary, Diane H. Carlson.  
Boston, Mass. : McGraw Hill, 2001.  
0-07-290443-7

**Press, Frank**

***Earth*** / Frank Press, Raymond Siever.  
New York : Freeman, 1986.  
0-7167-1776-X

***Understanding Earth*** / Frank Press ... [and others].

New York : Freeman, 2004.  
0-7167-9617-1

**Preuss, Peter**

***A sustainable earth*** / VAEE, Peter Preuss ... [and others].  
Cambridge : Cambridge University Press, 1997.  
0-521-45592-8

**Seddon, George**

***Sense of place : a response to an environment : the Swan Coastal Plain, Western Australia*** [facsim, ed, with introductory notes] / George Seddon.  
Melbourne : Blooming Books, 2004.  
1-87647-353-3

**Skinner, Brian J.**

***Dynamic Earth : an introduction to physical geology*** / Brian J. Skinner, Stephen C. Porter, Jeffrey Park.  
New York : Wiley, 2004.  
0-471-15228-5

**Tarbuck, Edward J.**

***Earth science*** / Edward J. Tarbuck, Frederick K. Lutgens ; illustrated by Dennis Tasa.  
Upper Saddle River, N.J. : Prentice Hall, 2000.  
0-13-016183-7

**Trefil, James S.**

***Other worlds : images of the cosmos from earth and space.***  
Washington, DC. : National Geographic Society, 1999  
0-7922-749-11

**The following titles are out of print, but may be available in libraries or secondhand.**

**Black, Rhona MacRae**

***The elements of paleontology.***  
London : Cambridge University Press, 1972.  
0-521-09615-4

## EARTH AND ENVIRONMENTAL SCIENCE COURSE OF STUDY

### RESOURCES

**Calder, Nigel**

***Restless earth : a report on the new geology.***

London : Futura, 1975.

0-86007-719-5

**Clark, I. F. [ed.]**

***Perspectives of the Earth*** / director and supervising editor, I.F. Clark.

Canberra : Australian Academy of Science, 1983.

0-85847-105-1

***Perspectives of the earth. Student's manual.***

Canberra : Australian Academy of Science, 1983.

0-85847-106-X

***Perspectives of the earth. Teacher's guide*** / director and supervising editor I.F. Clark.

Canberra : Australian Academy of Science, 1983.

0-85847-107-8

**Clarkson, E. N. K.**

***Invertebrate palaeontology and evolution.***

London : Allen & Unwin, 1986.

0-04-560010-4

**Flint, Richard Foster**

***Physical geology*** / by Richard Foster Flint and Brian J. Skinner.

New York : Wiley, 1977.

**Foster, R. J.**

***Physical geology.***

Columbus, Ohio : Charles E. Merrill, 1983

0-675-20021-0

***Geological map of Western Australia 1988*** [map] / Compiled by J.S. Myers and R.M. Hocking of the Geological Survey of Western Australia.

Perth : The Survey, 1988.

**MacLeod, Norman**

***Mining in Western Australia.***

Perth : Chamber of Mines of W.A., 1980.

**Massey, D. H.**

***Geology workbook.***

Hawthorn, Vic. : Longman, 1975

0-582-685-26-5

**Menard, H. W.**

***Geology, resources, and society : an introduction to earth science.***

San Francisco, Calif. : Freeman, 1974.

0-7167-0260-6

## EARTH AND ENVIRONMENTAL SCIENCE COURSE OF STUDY

### RESOURCES

**Sawkins, Frederick J.**

***The Evolving Earth : a text in physical geology*** / Frederick J. Sawkins ...[et al.].  
New York, N.Y. : Macmillan, 1974.  
0-02-406500-5

**Skinner, Brian J.**

***Physical geology*** / Brian J. Skinner; Stephen C. Porter  
New York : Wiley & Sons, 1987  
0-471-05668-5

**Smith, David [ed.]**

***The Cambridge encyclopedia of earth sciences*** / editor-in-chief David G. Smith.  
Cambridge : Cambridge University Press, 1982.  
0-521-23900-1

**Twidale, C. R.**

***Analysis of landforms.***  
Brisbane : Wiley, 1976.  
0-471-89465-6

**Wyllie, Peter John.**

***The way the earth works : an introduction to the new global geology and its revolutionary development.***  
New York : Wiley, 1976.  
0-471-96896-X

### Videos, DVDs

***Applying environmental science*** [videorecording] : ***a land rehabilitation case study.***

Warriewood, NSW : Classroom Video, 2002.

***Australia*** [videorecording] : ***land beyond time*** / directed by David Flatman ;  
produced by David Flatman and Sue Flatman.  
[Australia] : MagicPlay Entertainment, 2004.

***Environmental science, 2004. Volume VII*** [videorecording] / edited by Tim Riddle.  
Belmont, Calif. : Thomson Brooks/Cole, 2005.  
0-534-99736-8

***Greenhouse*** [videorecording] / produced & directed by Peter Hicks.  
Frenchs Forest, NSW : Classroom Video, 1990.

***World water resources*** [videorecording] / written and produced by Jo Adendorff ;  
executive producer John Davis.  
Warriewood, NSW : Classroom Video, 1999.

### Journals

***Australian geographic : the journal of the Australian Geographic Society***  
Terrey Hills, NSW : Australian Geographic, 1986- .

# EARTH AND ENVIRONMENTAL SCIENCE COURSE OF STUDY

## RESOURCES

### ***Ecos***

East Melbourne : CSIRO, 1974-.

### ***New Scientist***

[London] : Reed Business Information, 1956-

### ***Scientific American***

New York : Scientific American, 1845-