

Cambridge International AS Level Environmental Management 8291 (for examination from 2020-22)

Suggested resources

The resources listed below have not been through the Cambridge quality assurance process but have been found suitable for use with various parts of the syllabus by teachers. This resource list includes website links providing direct access to internet resources. Cambridge International is not responsible for the accuracy or content of information contained in these websites. The inclusion of a link to an external website should not be understood to be an endorsement of that website or the site's owners (or their products/services).

Title	Atmospheric Pollution: History, Science and Regulation
Description	Textbook that provides a comprehensive introduction to the history and science of major air pollution issues. The book contains examples and problems for learners to consider. The content would suit all levels of learners and supports the atmosphere section of the syllabus.
Author	Jacobson, M
Publisher	Cambridge University Press
ISBN	9780521010443
Published date	2002

Title	Bath Advanced Science: Environmental Science
Description	The textbook contains clear chapter objectives and closing summaries, a range of independent learning activities including assignments, analysis exercises and in-text questions. The science is presented in context with strong emphasis on economic, social and environmental factors. The textbook would be useful to all levels of learners.
Author	Byrne, K
Publisher	Oxford University Press
ISBN	9780174483052
Published date	2001

Title	Dictionary of Environmental Science and Technology
Description	A dictionary that includes over 4000 in-depth entries on scientific and technical terminology associated with environmental protection and resource management. It also contains a wide range of international case studies and would support all levels of learners.
Author	Porteous, A
Publisher	Wiley
ISBN	9780470061954
Published date	2008

Title	Environmental Sciences: Earth as a Living Planet
Description	This textbook provides an emphasis on the scientific process and on critical thinking skills. This edition includes up-to-date research in the field and an analytical and interdisciplinary approach to fieldwork. The textbook covers most areas of the syllabus and case studies for development of critical thinking. It is likely to support all levels of learners.
Author	Botkin, D and Keller, E
Publisher	Wiley
ISBN	9781118801871
Published date	2014

Title	Exploring Environmental Issues: An Integrated Approach
Description	This textbook deals with key environmental issues such as global warming, ozone depletion, drought, acid, population, use of land and more. Their causes, effects and possible solutions are discussed. Useful case studies are used to explore the issues in more detail. The textbook is suitable for all levels of learners and covers most aspects of the syllabus.
Author	Kemp, D
Publisher	Routledge, Taylor and Francis Group
ISBN	9780415268646
Published date	2004

Title	Introduction to Environmental Management: for the NEBOSH Certificate in Environmental Management
Description	This textbook focuses on environmental effects on businesses. It includes pollution events case studies and environmental impact assessments. It is likely to support the coursework aspect of the syllabus.
Author	Waters, B
Publisher	Routledge, Taylor and Francis Group
ISBN	9780415534413
Published date	2013

Title	Student Projects in Environmental Science
Description	Textbook that guides learners through choosing a suitable topic for project work, conducting relevant experiments and interpreting data and effective presentation of results. The textbook takes a case-study approach to illustrate a range of environmental science topics. It includes practical worked examples and self-assessment tasks to illustrate key statistical and mathematical points. It is likely to suit all learners and would support the coursework part of the syllabus.
Author	Harrad, S, Batty, L, Diamond, M and Arhonditsis, G
Publisher	Wiley
ISBN	9780470845660
Published date	2008

Title	The New Wider World
Description	The textbook provides a detailed account of various aspects of human and physical geography. It is written in a very accessible way and includes detailed case studies to reinforce knowledge. The series also contains two student books. The book would be of use to all levels of learners.
Author	Waugh, D
Publisher	Oxford University Press
ISBN	9781408505113
Published date	2009

Title	British Ecological Society
Website	www.britishecologicalsociety.org/public-policy/our-position/ecological-issues/
Description	Contains links to downloadable versions of Ecological Issues magazine, e.g. The Impact of Extreme Events on Freshwater Ecosystems, Aquaculture, Land Management, Commercial Fishing. The magazine contains interesting background reading articles.

Title	Bureau of Indian Education
Website	www.bie.edu/Resources/Toolkit/index.htm
Description	This website contains an environmental management toolkit, with links to fact sheets on air quality and questionnaires that could be adapted for use in coursework.
Title	Ecological Society of America
Website	www.esa.org/esa/
Description	A website with links to downloadable versions of journals. The topics provide background reading and would suit higher level learners.
Title	Ecology and Evolution
Website	www.onlinelibrary.wiley.com/journal/10.1002/(ISSN)2045-7758
Description	Open access to peer-reviewed journal of research in all areas of ecology, evolution and conservation of science. The journal includes reports on theoretical and applied experimental issues. Topics include responses to environmental change, conservation, adaptation, population and ecosystem dynamics and conservation policy. It is likely to suit higher level learners and teachers looking for ideas for coursework.
Title	Grinning Planet (Environmental Audio Clips)
Website	www.grinningplanet.com
Description	Collection of audio clips discussing environmental issues.
Title	Environmental Issues
Website	www.environmental-issues.net
Description	Twitter-feed that provides news and opinions about the environment and links to articles on Environmental Issues.
Title	European Environment Agency
Website	www.eea.europa.eu/themes
Description	This website deals with up-to-date environmental issues and discusses possible solutions, e.g. air pollution, biodiversity, chemicals, climate change, environmental health, land use, natural resources, noise, soil, waste and material resources, water. The site provides a good source of data. It will be of use to all learners and covers the breadth of the syllabus.
Title	List of Environmental Issues
Website	www.en.wikipedia.org/wiki/List_of_environmental_issues
Description	A useful list of potential environmental issues, with links to other Wikipedia sites to follow for each one. This list may provide a stimulus for topic areas for coursework. Apply the usual caution when reading Wikipedia entries.
Title	National Geographic Magazine
Website	www.nationalgeographic.com/
Description	This website provides a link to the monthly publication from the National Geographic Society. The publication includes articles and photographs on geography, archaeology and natural science and the promotion of environmental and historical conservation. The magazine provides stimulating background information and is suitable for all levels of learners.

Title	Planet Earth (BBC – narrated by David Attenborough)
Website	www.bbcshop.com/icat/dvd/icat/dvd
Description	DVD covering the natural history of the Earth. The content provides background information on ecosystems and the biosphere part of the syllabus, such as deserts, grasslands, temperate forests, rainforests and also deep oceans, shallow seas, fresh water and caves. It is suitable for all levels of learners. Teachers may also find this a useful resource for the classroom to stimulate debate.

Title	Science Daily
Website	www.sciencedaily.com/news/earth_climate/environmental_issues/
Description	This website provides a range of environmental articles sourced from universities, journals and published research. The content would suit higher level learners and teachers, as a means of keeping up-to-date with current environmental and science issues.

Title	Blue Planet (BBC – narrated by David Attenborough)
Website	www.bbcshop.com/icat/dvd/icat/dvd
Description	DVD covering the natural history of the world's oceans. The content would support the hydrosphere part of the syllabus and is suitable for all levels of learners. Teachers may also find this a useful resource for the classroom to stimulate debate.

Title	United States Environmental Protection Agency
Website	www.epa.gov
Description	A website that deals with current issues concerning the environment. The site will be useful for coursework and independent research for all levels of learners.

Title	Weathering
Website	www.education.nationalgeographic.co.uk/education/encyclopedia/weathering/?ar_a=1
Description	This website provides a summary of rock weathering processes. The content supports the lithosphere section of the syllabus and is suitable for all levels of learners.

Title	World in the Balance
Website	www.pbs.org/wgbh/nova/worldbalance/
Description	This episode of the PBS NOVA series delves into some of the demographic differences between developed and developing countries and the forces that are changing populations. A worksheet is also available. The content is suitable for all levels of learners and would support issues concerning population in the syllabus.

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