

Coasts

- [BBC 1953 East Coast Floods](#) - photographs maps and accounts from the 1953 East Coast floods including a look at coastal flood defences. Could it happen again?
- [California Coast Pictures](#) - Photographs of different coastal landforms in Baja California, Mexico.
- [Cambridge Coastal Research Unit](#) - A collection of some of the latest research in coastal processes and coastal management.
- [Centre for Ecology and Hydrology](#) - A good source of information on recent hydrological research into flooding, drought, water quality, water as a resource, plants, soil and habitats.
- [Coastal Concern Action Group - Happisburgh](#) - Campaign site for the protection of the village of Happisburgh in Norfolk. Excellent case study material revealing the concerns of the local people and the various arguments. The site includes a forum, photographs, news and recent articles on other coastal management issues in the area. You can even add your name to the petition!
- [Coastal landforms in Nova Scotia](#) - Photographs and articles on the coastal landforms of Nova Scotia - caused by both erosion and deposition.
- [Creating the Barrier \(Managed Retreat in Scotland\)](#) - BBC News article about the RSPB's project to flood a section of farmland in Easter Ross, in a bid to create a salt marsh barrier against the force of the tides.
- [Geology of the Wessex Coast](#) - A detailed and well illustrated guide to the rocks and landforms of the coast of Hampshire, Dorset and the Isle of Wight, put together by Ian West of the [School of Ocean and Earth Science](#) at Southampton University. An excellent collection of photographs, geology maps and clear explanations.
- [GeoResources - coasts](#) - good GCSE general summary of the processes of erosion and deposition (no examples).
- [How Stuff Works: Barrier Islands](#) Barrier islands, sometimes called barrier spits, are found on coastlines all over the world, but are most noticeable along the eastern coast of North America. This article summarises the biological and physical processes that dominate these complex environments.

- [Jurassic Coast World Heritage Site](#) - Good website from Britain's best known coastline from East Devon to Dorset. Follow the "walk through time" (no walking required!). Good source of information about processes, example locations and landforms, and pictures.
- [Maritime & Coastguard Agency](#) - In their environment pages, the MCA includes articles in aspects of Environmental management.
- [Oceans and Oceanography](#) -A portal of interesting links to do with Oceanography
- [Pupil Vision Coasts](#) - A good portal with links to websites about coastal processes landforms and management strategies. Some good case study links.
- [University of Hull Erosion of Holderness Coast](#) -Excellent website on the rapidly eroding Holderness Coastline. This website presents 60 images, each showing a one kilometre strip of coastline. Click on the index map for a more detailed view of the coastal change over the last 150 years.

Development Trade and Aid

[A Developing World](#) - An excellent website run by Canadian Geographical and the Canadian International Development Agency. An interactive map (which may take a while to download) with graphs and statistics on a range of factors linked to development. You may need to download a free SVG viewer from the website.

[Fair Trade Foundation](#) - a very well presented and useful site covering all aspect of fair trade.

[Farm-Africa](#) - Farm-Africa has been working with poor rural African farmers and herders since 1985. We aim to make a lasting difference to their lives by providing practical help, enabling them to produce more food for their families.

[Famine and Ideology](#) - We sometimes see famine on our TV screens, and it seems particularly intolerable because it is like a relic from a bygone age. And yet during the twentieth century famine has been responsible for more deaths than war

[GeoResources](#) - a geographical portal with links to aspects of development.

[Global Eye](#) - an award winning site with up-to-date examples, data and other information on developing countries. Check out the back issues for articles on a range of countries.

[Global Issues that Affect Everyone](#) - This website looks into global issues that affect everyone and aims to show how most issues are inter-related. The authors claim that there are over 5000 links to external articles, web sites reports and analysis, which are used to provide credence to the arguments made on the website. The issue categories range from trade, poverty and globalization, to human rights, geopolitics and the environment.

[Global Links](#) - A lively website for KS3 students created by Action Aid. It explores life around the world and encourages users to ask questions, share ideas, vote on issues and take action.

[Helfeti Dam \(BBC\)](#) - BBC News article about the residents of the south eastern Turkish town of Ilusu, who may be forced to resettle if a controversial dam project goes ahead.

[International Development Research Centre](#) IDRC is a Canadian public corporation that works in close collaboration with researchers from the developing world in their search for the means to build healthier, more equitable, and more prosperous societies. Useful case-study material.

[Leeds Development Education Centre](#) - Leeds DEC is an educational charity that aims to raise awareness of global sustainable development issues.

[OneWorld.net](#) - This website brings together the latest news and views from over 1,600 organizations promoting human rights awareness and fighting poverty worldwide.

[Oxfam \(Development\)](#) -Oxfam and its partners work toward long term development to eradicate poverty and injustice. Examples of development projects around the world.

[Oxfam Cool Planet](#) Cool Planet is primarily intended for teachers and students in England, Scotland and Wales. It aims to bring the global dimension to the classroom, using the concept of Global Citizenship. A good source of up-to-date news and examples.

[Oxfam International](#) Oxfam International is a confederation of 12 organizations working together with over 3000 partners in more than 100 countries to find lasting solutions to poverty, suffering and injustice. Again, excellent case study material on the role of NGO's in development programmes.

[Red Cross / Red Crescent](#) Another useful website with a particular emphasis on relief programmes for the most vulnerable and disaster relief.

[The Rough Guide to a Better World](#) is the essential guide to how the world can be a better place for everyone. Poverty in the developing world is well known, but less publicised are the efforts of those who combat hunger, disease and illiteracy. This guide shows how you can get involved.

[The Globe Programme \(Sustainable Development\)](#) GLOBE encourages you to measure aspects of your local environment and report their results over the Internet. Data from schools around the world are then available for pupils to use in a wide range of projects and activities in order to enhance the environmental awareness world wide, and to increase scientific understanding of the Earth.

[The Hunger Site](#) - It is estimated that one billion people in the world suffer from hunger and malnutrition. That's roughly 100 times as many as those who actually die from these causes each year.

[TIDE Weblinks](#) A portal for websites that relate directly to development, human rights, environment, and education issues. They provide up to date statistics, background data or analysis, Third World perspectives and viewpoints.

[UN Development Programme](#) - A comprehensive source of news, up-to date examples and case studies.

[UN World Food Programme](#) - Set-up in 1963, WFP is the United Nations frontline agency in the fight against global hunger. In 2003, WFP fed 104 million people in 81 countries, including most of the world's refugees and internally displaced people

[UNICEF](#) - Focuses on programmes to help children, particularly in the Developing World.

[War on Want \(Issues of Global Poverty\)](#) - War on Want fights poverty in developing countries in partnership and solidarity with people affected by globalisation. They campaign for workers' rights and against the root causes of global poverty, inequality and injustice.

[Water Aid](#) - Water Aid is an international non governmental organisation dedicated exclusively to the provision of safe domestic water, sanitation and hygiene education to the world's poorest people.

[World Bank](#) - The World Bank Group's mission is to fight poverty and improve the living standards of people in the developing world. It is a development Bank which provides loans, policy advice, technical assistance and knowledge sharing services to low and middle income countries to reduce poverty.

[World Development Movement](#) - The World Development Movement (WDM) aims to tackle the underlying causes of poverty. They lobby decision makers to change the policies that keep people poor. They research and promote positive alternatives and they work alongside people in the developing world who are standing up to injustice.

[World Health Organisation](#) - The World Health Organization is the United Nations specialized agency for health. WHO's objective is the attainment by all peoples of the highest possible level of health.

[World Trade Organisation](#) - The World Trade Organization (WTO) is the global international organization dealing with the rules of trade between nations. Their goal is to help producers of goods and services, exporters, and importers conduct their business.

[World Vision](#) - World Vision International is a Christian relief and development organisation working for the well being of all people, especially children. Through emergency relief, education, health care, economic development and promotion of justice, World Vision aims to help communities to help themselves.

[Zambia Virtual](#) - This site introduces you to many of the issues and ideas that are of interest in the field of development economics. You can take a series of virtual field trips throughout Zambia visiting a number of places and people. At each stop on the way you will be able to gain access to key data and economic theory, a glossary, pictures and have the opportunity to complete worksheets.

Environment and Ecosystems

[Amazon Interactive](#)- Good, easily accessible information about the Amazon Basin with examples from Ecuador. Small case study on sustainable forest management by balancing agriculture with conservation in a small coffee farm.

[BBC State of the Planet](#)- David Attenborough's personal study of the impact that humans are having on the natural world and the future of life on Earth. The website investigates the main causes of damage to the planet and how we can help to prevent them. Read an interview with David Attenborough, hear what the experts have to say and find out what you can do to help.

[Channel 4: The Environment](#) - Information and links on environmental issues including global warming.

[Conservation International](#) - A large website with a huge range of useful information on all aspects of conservation and sustainable management. Up-to-date examples and case study material.

[Department for Environment Food and Rural Affairs](#)- Amongst other matters, you will find information from the UK government on conservation, biodiversity and sustainable development.

[Ecological Footprint](#) Find out how much affect you have on the world's ecological resources using this resource from Earthday Network. Alternatively you could try this [Ecological Footprint Test](#) from Mountain Equipment Co-op. Find out more about [Ecological and Carbon Footprints](#) from the Royal geographical Society.

[Eden Project \(Cornwall\)](#): the Eden Project aims to promote the understanding and responsible management of the vital relationship between plants, people and resources leading to a sustainable future for all.

[English Nature](#)- English Nature a Government Agency funded by DEFRA. It champions the conservation of wildlife, geology and wild place They work with a wide range of people by giving advice, grants and licenses. A large website with a lot of interesting material relating to conservation in the UK.

[EnviroLink Network \(US\)](#)- The EnviroLink Network is a non-profit organization which provides access to thousands of online environmental resources from the USA. An excellent source of information and links. Try the ecosystems section for example.

[Forestry Commission](#)- The Forestry Commission is the Government Department responsible for forestry policy throughout Great Britain. Check out their pages on Learning and Sustainable Forestry.

[Friends of the Earth](#)- One of the leading environmental pressure groups. Its activities include public education, environmental research and educational research and educational projects. Plenty of resources and issues.

[Global Forest Watch](#) - a global pressure group that campaigns for the conservation and sustainable management of forests around the world. A lot of maps, data and other valuable resources on many aspects of the world's forests.

[GreenNet](#)- GreenNet is dedicated to supporting and promoting groups and individuals working for peace, human rights and the environment through the use of information and communication technologies (ICTs).

[Greenpeace International](#)- A well known environmental pressure group that campaigns for a peaceful and greener world.

[Introduction to Biomes](#)- A good summary of all the major terrestrial biomes from Radford University in Virginia

[Iwokrama \(Sustainable Rainforest Management in Guyana\)](#)- Iwokrama aims to promote the conservation and the sustainable and equitable use of tropical rain forests in a manner that leads to lasting ecological, economic, and social benefits to the people of Guyana (South America) and to the world in general. A fascinating case study in sustainable forest management.

[Magilligan Dunes](#)- An excellent case study of a sand dune system in Northern Ireland set out as a virtual field trip.

[Rainforest Action Network](#)- Since it was founded in 1985, the Rainforest Action Network has been working to protect tropical rainforests and the human rights of those living in and around those forests. One of the best sources of information about tropical rainforests in the Internet.

[Rainforest Concern](#) - A Guided Tour through the rainforest. An excellent and colourful introduction to rainforests and the key issues.

[Rainforest.Org](#) An excellent rainforest information portal with links to hundreds of other websites that will provide you with all you need to know about rainforests.

[Royal Botanical Gardens Kew](#)-The Royal Botanic Gardens, Kew is now a World Heritage Sites. The website has some good material about plants, ecology and conservation in its education and wildlife & conservation pages.

[The World's Biomes](#) - Biomes are defined as "the world's major communities, classified according to the predominant vegetation and characterized by adaptations of organisms to that particular environment" (Campbell). A good source of information about some of the main biomes including forests, grasslands, deserts and tundra, as well as aquatic ecosystems.

[Tropical American Tree Farms](#)-Case study of an attempt at sustainable forest management of tropical trees in Costa Rica.

[Tropical Rainforest Case Study: Papua New Guinea](#)- A case study in conservation, exploitation and sustainable development from Barcelona Field Centre (in English).

[What's in Your Backyard](#)- What's in Your Backyard gives you on-line access to the Agency's environmental data for England and Wales. You can find out about a wide range of environmental factors for any location in England and Wales.

[World Resource Institute](#)- World Resources Institute is an independent non-profit organization working to protect the Earth and improve people's lives.

[WWF](#)- One of the largest international charities campaigning on environmental and wildlife issues.

Mapskills and GIS

- [ArcExplorer](#)- ArcExplorer is a lightweight GIS data viewer developed by ESRI. This freely available software (which you can download to your home computer) offers an easy way to perform a variety of basic GIS functions, including display, query, and data retrieval applications. It can be used on its own with local data sets or as a client to Internet data and map servers. Only download this software if you have permission from the owner of the computer.
- [A Vision of Britain](#)(between 1801 and 2001. Including maps, statistical trends and historical descriptions). This web site was created by the Great Britain Historical GIS Project ("GIS" stands for "Geographical Information System"). It has a large bank of historical maps, census data and other information concerning many locations in Britain. Useful for Historians too.
- [DEMIS](#)- A good interactive map that allows you to zoom in from a map of the globe to a regional level. You can also enter the longitude and latitude of a location to pin-point a location.
- [GetaMap \(inc. 1:25,000 maps\)](#) - A free improved mapping service from Ordnance Survey. You can search for maps anywhere in the UK simply by entering the place name, full postcode or National Grid.
- [Historical Atlas of the Twentieth Century](#) - A wide range of historical map showing changes in social trends, population, and much more. Useful to Historians too.
[Latitude and Longitude](#) -Teach yourself all about it!
- [Magic: An excellent source of UK maps](#)- The first web-based interactive map to bring together geographic information on key environmental schemes and designations in one place. An excellent resource.
- [MapMachine](#)- National Geographic's redesigned online atlas. You can find nearly any place on Earth, and view it by population, climate, and much more. Plus, browse antique maps and find country facts.
- [Map Projections](#) - Play with a map of the world to see the distorting effects of different map projections.
- [NatioMaster.com](#) - Not just maps. You can generate your own choropleth maps, graphs and tables from a vast bank of statistics on everything from crime rates to GDP for anywhere in the world. You can compare countries and create correlations. The site also has an on line encyclopaedia.

- [MapZone](#)-The OS's website to teach map skills. Aimed at 7-16 year olds.
- [Multimap \(with overlay facilities\)](#)- Multimap is Europe's leading provider of mapping and location-based services. They deliver online maps, point-to-point driving directions and geo-spatial ("where's my nearest?") searches in Europe.
- [Ordnance Survey](#). Plenty of information about maps including free resources. An excellent website. Check out the Education section.
- [Pupil Vision Maps](#)- An excellent source of black and white outline maps.
- [Relief Web \(including maps of remote locations\)](#) - maps of places anywhere in the world.
- [Streetmap](#)- Another leading mapping and location-based services. They deliver online maps, point-to-point driving directions and geo-spatial ("where's my nearest?") searches.
- [The Harvard Geospatial Library](#)- An interactive map with which you can zoom in and out to obtain a map of anywhere in the world. Not good at a local scale but good for continental or country maps.
- [Time Ticker](#) - Looks great, and sounds pretty funky too - complete with comedy boinging effects when you click to a new area on the map. And it is that easy to find the time anywhere in the world.
- [University of Texas map collection](#)- As you might expect from Texas, this is a huge internet map library. You can find maps of more or less any type here.
- [USGS GIS](#)- All about Geographical Information Systems
- [What are maps?](#) - An introduction to maps.
- [WorldAtlas.com](#) - More online maps and information about each country.
- [World Map](#) - A site providing links to a comprehensive collection of world maps, including outline maps, satellite images, global warming maps and many more.
- How far is it between.... and.....? For some reason, Geographers seem to be expected to know the answer to this type of question. Never mind, the Internet has come to the rescue. [Click here](#).

Population and Migration

- [Analysing Population Data](#) - Various aspects of population analysis, including population pyramids and data from India, the UK and the World. Also, exercises that you can work through yourself to test your understanding. Located on [Hamptead School's Geography website](#). (Many thanks to Noel Jenkins.)
- [Anatomy of a Refugee Camp \(CBC\)](#) - An interactive website (requiring a broadband connection) that examines the conditions in a typical refugee camp. You can use a compass to navigate around the camp and click on question marks for information. Alternatively, use the menu at the top of the page.
- [BBC Scotland - Global Population](#) - If you're studying Global Population, this site is for you. When you go into the site you'll find an introduction to the topic and an overview of how and why population distribution has changed over time.
- [Eldis - Ageing Populations](#) - A resource guide that examines the issues relating to aging populations with up-to-date news items, country profiles. No shortage of data and examples.
- [Glossary of "Population" Terms](#) - from the Population Reference Bureau.
- [Indian Census](#) - a huge data source from India's 2001 census, including maps and other resources.
- [London Census Data & Maps](#) - Focus on London 2003 This is a statistical digest bringing together a wide range of demographic, social, industrial and economic statistics to provide a comprehensive view of London.
- [National Statistics\(UK\)](#) - A comprehensive database of statistics from the 2001 census and other sources. Information from National to ward level. There are also interactive maps for which (if you are on your home computer), you may need to download a free SVG Viewer by Adobe.
- [Migration Dialogue](#) - Migration Dialogue provides up-to-date, factual and non-partisan information and analysis of international migration issues. A good place to find detailed information and examples.
- [Population Concern](#) - Population Concern is an independent charity which supports population and development programmes in Africa, Asia, the Caribbean and Latin America. They work for the improvement of the quality of life world-wide by advancing family planning and the right of

women and young people. An excellent source of population data, maps, pictures and graphs.

- [Population Links \(Southampton University\)](#) - An excellent and comprehensive portal put together for AS and A2 students researching a wide range of population issues.
- [Population Pyramids](#) - An excellent resource put together by the US Census bureau. Select any country in the world and create either a static or a dynamic population pyramid.
- [Population Reference Bureau](#) - A US based website aimed at informing people about the population dimensions of important social, economic and political issues, and their implications. It has a useful data finder if you're looking for data on different aspects of changing populations from around the world.
- [The State of World Population 2001](#) - The great questions for the 21st century are whether the activities of the 20th century have set us on a collision course with the environment, and if so, what can we do about it? Human ingenuity has brought us this far. How can we apply it to the future so as to ensure the well-being of human populations, and still protect the natural world?
- [UN Population database](#) - The United Nations population database.
- [UN Population International Network](#) - Another source of population data and information from the United Nations.
- [World Population Clock](#) - There are more than 6 billion human beings on Earth. According to the population estimates released by the United Nations, the 6 billion mark was reached on October 12 1999. Every second five people are born and two people die, a net gain of three people watch the population figures rise as the seconds tick by.

River Landscapes

- [BBC Bangladesh Floods](#) - Article on Bangladesh's progress in dealing with natural disasters which may have saved millions of lives over the last decade.
- [Environment Agency](#) - Huge website with some excellent resources on conversation, rivers, water quality and pollution, air quality and land quality. One of the many highlights is the National Flood map. Check out your house. Is it at risk?

- [How Stuff Works: Floods](#) - Clear detailed explanations of the causes and effects of floods and on attempts to manage floods - examples mainly from the USA.
- [Gauging stations in the UK](#) - Clicking on a UK map within the region of interest will bring up a table of the gauging stations for which time series data are available. You can also select a target station directly from the map. A useful secondary source of up-to-date river data, including the River Wye at Hedsor.
- [International Rivers Network](#) - IRN supports local communities working to protect their rivers and watersheds. They work to halt destructive river development projects, and to encourage equitable and sustainable methods of meeting needs for water, energy and flood management. Some excellent case study material.
- [Mississippi \(USACE\)](#) - The Mississippi valley Division of the US Corps of Engineers which is responsible for the management of the great river. The Information section is probably the most useful.
- [Mississippi Floods of 1993](#) - A thorough summary of the causes, impact and implications of the 1993 floods, from the University of Akron in Ohio.
- [River Systems of the World](#) - Statistics on river systems of the world.
- [Streams and Rivers](#) - Good explanations of the main river landforms from this Canadian Geographic site.
- [The Colorado River Flood Debate](#) - Read the perspectives of different groups of people following the 1983 floods.
- [The River Restoration Centre](#) - A national information and advisory centre on all aspects of river restoration and enhancement, and sustainable river management
- [The Water Page](#) - The Water Page is an independent initiative dedicated to the promotion of sustainable water resources management and use. A particular emphasis is placed on the development, utilisation and protection of water in Africa and other developing regions. A lot of material on a large number of river and water projects.
- [USGS Water Resources](#) - The USGS operates in every US State; their Water Resources mission is to provide water information that benefits the Nation's citizens: publications, data, maps, and applications software. There's no reason why you shouldn't use the same resources.

- [Water and waste management in Tunisia](#) - Although Tunisia is situated on the Mediterranean, much of the country's land surface falls within the arid zone. Tunisia has limited water resources, unevenly distributed in geographical and seasonal terms. Population growth and socio-economic development have meant a corresponding growth in water needs. The result is increasing pressure on the country's capacity to provide this rare resource in sufficient quantities.

Settlement and Urban Geography

- [Cambridge Science Park](#) - Established by Trinity College in 1970, Cambridge Science Park is the UK's oldest and most prestigious science park. It is home to 71 hi-tech companies and 5,000 personnel.
- [Cities of Today & Tomorrow](#) The Cities project is an interactive programme by the United Nations CyberSchoolBus. It contains six units providing overview of urbanization—its history, its potential, its problems.
- [City Population](#) - Information, interactive maps, diagrams and statistics on all the world's major cities.
- [Counter-urbanisation](#) - A part of "[Kays AS Geography](#)" which provide links for as and other students about counter-urbanisation.
- [GCSE Bitesize - Cities](#) - Some useful summary information and revision for GCSE or KS3 students.
- [Internet Geography Urbanisation](#) - GCSE revision notes on settlements.
- [London Docklands Tour](#) - Wycombe High School's own comprehensive interactive Tour of London Docklands. Aimed at year 10 but just as useful for AS / A2 students.
- [Shanty Town Simulation](#) - A simulation from the Staffordshire Learning Network showing the stages in the development of informal housing on the outskirts of a LEDC city.
- [Trends in Urbanisation](#) - Notes from Macquarie University in Sydney, suitable for AS/A" students, on aspects of urbanisation.
- [Urban Upgrading](#) - A site that promotes awareness of the critical problem of providing basic services to the rapidly increasing urban poor and at sharing experience from upgrading projects.

- [Urban Structures of Belfast](#) - An excellent case study of the urban geography of Belfast from GiA
- [Wycombe High School Revision Notes](#) - Settlements. Summary revision notes for AS students.
- [Wycombe Marsh Brownfield Redevelopment](#) - The planning application submitted for the redevelopment of Wycombe Marsh paper Mill site. A good local example of urban redevelopment.
- [Wycombe's Phoenix Project \(BFP\)](#) - A summary by the Bucks Free Press about the proposed "Western Sector" redevelopment in Wycombe Town Centre.

Weather and Climate

[Acid Rain Links](#) - A lot of useful links about acid rain, its causes, its effects and its management.

[BBC Climate Change](#) - Well presented and informative website about all aspects of predicted future climate change. See also [BBC/OU Climate Change](#)

[BBC Weather](#) - Not just the weather forecast but, as you might expect from the BBC, a lot of useful and accessible information on the weather. Check out the Weatherwise section in particular.

[British Antarctic Survey](#)-The British Antarctic Survey (BAS) is a component of the Natural Environment Research Council. Based in Cambridge UK, it undertakes the majority of Britain's scientific research on and around the Antarctic continent. Check out the News & Information section, particularly the press releases, for summaries of some of the latest research findings on glaciers and climate change.

[Climate Time-Line](#) - An excellent website from NOAA looking at climate change. Plenty of clearly explained information.

[El Niño Theme Page](#) - Another excellent resource from NOAA. All you need to know about El Niño. Excellent images, data and diagrams.

[El Niño](#) (Weather system that brings storms and drought) More links about El Niño

[Encyclopaedia of the Atmospheric Environment](#)- The Encyclopaedia of the Atmospheric Environment has been written by the [Atmosphere, Climate & Environment](#) Information Programme, and is supported by the [Department for Environment, Food and Rural Affairs](#). The Encyclopaedia is intended to be a one-stop source of information, for younger and older users alike, on a range of atmospheric issues, including air quality, acid rain, global warming and ozone depletion

[EnviroLink Network \(US\)](#)- The EnviroLink Network is a non-profit organization which provides access to thousands of online environmental resources from the

USA. An excellent source of information and links. Try the climate change section for example.

[Espere Climate Encyclopedia](#) - A comprehensive online encyclopedia covering almost all you need to know about weather, climate and the atmosphere. Highly recommended for A-Level students.

[Friends of the Earth](#)- One of the leading environmental pressure groups. Its activities include public education, environmental research and educational research and educational projects. Plenty of resources and issues.

[Global Warming from CBBC's Newsround](#) Global warming is the rise in temperature of the earth's atmosphere. It's said that by the time a baby born today is 80 years old, the world will be 6 and a half degrees warmer than it is now. Clear explanations of this global phenomenon.

[Global Warming.org](#) - Plenty of information about Global warming, the Kyoto Protocol etc.

[Global Warming 12-16 \(DEFRA\)](#)- If you follow the links through the site you'll get a good idea of what causes global warming, what the possible effects could be and what you can do to help. You'll find links from the main pages to other helpful sites as well as links to extra diagrams, tables and graphs which you may find useful for projects and course work.

[How Stuff Works: Hurricanes](#) - Plenty of useful information, including satellite images and photographs, about the causes, impact and management of hurricane hazards.

[How Stuff Works: Lightning](#) - All you need to know about lightning and its impact.

[How Stuff Works: Ozone pollution](#)- Plenty of fascinating information, including images, graphs and data on low level ozone as a pollutant.

[How Stuff Works: Tornadoes](#) - All you need to know about tornados, their causes and their impact.

[IIASA-LUC GIS Database Climate Europe](#) - Some colourful animations showing patterns of rainfall, temperature, wind speed and sunshine over Europe.

[Medium Range Forecasts \(charts\)](#)-Do you want to know hat the weather will be like next week? These charts will help you find out. The maps require some background knowledge to interpret: the sea level pressure charts are probably the easiest, but if you are interested in jet streams, try the 200mb Streamlines & Isotachs maps.

[Metcheck: Localised weather forecasts](#) - An independent weather forecasting site for the UK.

[Microclimates \(Met. office\)](#) - The Meteorological Office's information on microclimate.

[National Ice Core Laboratory](#) The U.S. National Ice Core Laboratory (NICL) is a facility for storing, curating, and studying ice cores recovered from the polar regions of the world. Ice cores are an important tool in investigating past global climate change.

[NOAA Homepage](#) - A massive website from the US's National Oceanographic and Atmospheric Administration, with information on almost everything to do with the weather and climate. An excellent resource.

[NOAA: Hurricanes](#) - An excellent resource, whether you're in the eye of the storm or just curious about the history, naming practices or meteorological detection of these tropical phenomena.

[Past Global Warming](#) - Part of NOAA's website looking at global warming in the past.

[Staffordshire School Weather Data Site](#)- If you're mad about weather (and lets face it we have all been mad about the weather at times!) this site is dedicated to explaining how to collect basic weather data yourself.

[Sun Path Calculator](#) - Calculate the angle of the sun, and predict its path across the sky from any location on the Earth's surface at any time. Simply put in the latitude, longitude, the time and the date and the calculator does the work for you

[The Ice Ages](#) - an overview of the climate change that led to the so called "ice ages".

[Tornado Project Online](#)- A small company that gathers, compiles, and makes tornado information available to weather enthusiasts.

[Tornadoes and Hurricanes](#)- a number of very useful links on both tornados and hurricanes.

[UK Met Office](#) - An excellent website that covers all things meteorological. Masses of data, diagrams, animations, etc. Impress your friends by using the animated radar imagers to make accurate short term predictions of rainfall (or snow). You need to know where you are on the UK map!

[Urban Microclimates](#) - A US based website on urban microclimates and urban heat islands.

[US National Hurricane Centre](#)- Part of the NOAA website that aims to save lives, mitigate property loss, and improve economic efficiency by issuing forecasts, warnings, and analyses of hazardous tropical weather, and by increasing understanding of these hazards. A brilliant source of information on hurricanes.

[The Weather Classroom](#): a resource from The Weather Channel for teachers, students and parents that offers a comprehensive collection of weather-related content, including lesson plans, an interactive weather forecast for students, and a weather word glossary and storm encyclopedia for parents."

[Weather at Keele University](#) - A direct link to Keele University's weather station with plenty of current data displayed graphically.

[Weather, Climate and Meteorology](#) - a number of weather links for students and teachers.

[Weather Mathematics](#)- This link will help you to understand some of the mathematics behind aspects of weather including relative humidity and dew point. Click on the terms for clear explanations with diagrams.

[Woods Hole Oceanographic Institute](#) - WHOI is dedicated to research and higher education at the frontiers of ocean science. Its main aim is to improve

the understanding of processes and characteristics governing how the oceans function and how they interact with Earth as a whole.

[World Climate](#) - a website that allows you access climate data for different places around the globe.