



Geography Web Links

Responding to natural hazards

[Bureau of Meteorology](#)

The Bureau of Meteorology provides several thousand products in a variety of formats using several delivery media. The “Basic Product Set” defines those products available free of charge to the public via the mass media and the Internet.

[Cascades Volcano Observatory](#)

The U.S. Geological Survey’s Cascades Volcano Observatory (CVO) strives to serve the national interest by helping people to live knowledgeably and safely with volcanoes and related natural hazards including earthquakes, landslides, and debris flows.

[Cool Australia](#)

Website contains images, articles, stories and news about environment, biodiversity, etc. Suitable for all HSC.

[Dartmouth Flood Observatory](#)

This site is a research tool for detection, mapping, measurement, and analysis of extreme flood events world-wide using satellite remote sensing.

[Earthquake Hazards Program](#)

The USGS Earthquake Hazards Program is part of the National Earthquake Hazards Reduction Program (NEHRP), established by Congress in 1977. We monitor and report earthquakes, assess earthquake impacts and hazards, and research the causes and effects of earthquake.

[Natural Disaster Relief and Recovery Arrangements](#)

Under the joint Australian Government-State Natural Disaster Relief and Recovery Arrangements (NDRRA), assistance is provided to alleviate the financial burden on states and territories. It also supports the provision of urgent financial assistance to disaster affected communities.

[Volcano World](#)

VolcanoWorld was founded in 1995. Since that time over fifty professionals and hundreds of students have contributed content or time to Volcano World.

Sustaining communities

[Center for Sustainability and the Global Environment](#)

Includes projects and publications. The Center for Sustainability and the Global Environment (SAGE) is dedicated to the study of pressing global problems stemming from interactions between human activities, natural resources, and the environment.

[CSIRO - Environment](#)

From our oceans and coasts, landscapes and inland waters, to our atmosphere and climate, CSIRO research is helping to maintain the integrity of our environments and ensure our natural resources are used sustainably.

[Department of the Climate Change, Energy, the Environment and Water - Topics](#)

Topics include: Biodiversity, Environmental Protection, Marine, Water, Climate Change, Heritage and National Parks.

[Development Gateway](#)

Development Gateway is a non-profit organisation that provides information tools and services to support international development.

[Ecospecifier](#)

Ecospecifier (Global GreenTag) has over 6,700 sustainable products making it one of the world's most expansive sustainable knowledge bases.

[Low Carbon Living - APO](#)

Low carbon living is about finding ways to reduce carbon emissions in the built environment. The information in this collection will help policy makers and practitioners to design better solutions for buildings, cities and people.

[Office of Energy Efficiency & Renewable Energy](#)

The Office of Energy Efficiency and Renewable Energy (EERE) accelerates development and facilitates deployment of energy efficiency and renewable energy technologies and market-based solutions that strengthen U.S. energy security, environmental quality and economic vitality.

[Sustainable Development](#)

Our world, our future. The Lab's sustainable development gateway brings together ABC news, transcripts, features and forums.

Matching catchments

[Great Artesian Basin Resource Study 2016](#)

Great Artesian Basin Resource Study was commissioned by the Great Artesian Basin Consultative Council in 1997. This document is an updated version of the Resource Study.

[CSIRO - Land and Water](#)

With our partners we aim to deliver innovative solutions to the complex challenges that arise from the demands and impacts of human activities on the environment.

[Department of the Environment: Water](#)

The Australian Government is providing national leadership on the challenges of meeting future demand for water in a drying climate.

[Landcare Australia](#)

Landcare is a national network of thousands of locally-based community groups who care for the natural resources of our country.

[Mekong River Commission](#)

The Mekong River Commission (MRC) is the only inter-governmental agency that works directly with the governments of Cambodia, Lao PDR, Thailand and Viet Nam on their common specific interests—joint management of shared water resources and sustainable development of the Mekong River.

[Murray-Darling Basin Authority](#)

The Murray-Darling Basin Authority (MDBA) is part of the Environment portfolio, and reports to its minister. The MDBA undertakes activities that support the sustainable and integrated management of the water resources of the Murray-Darling Basin.

[The Murray-Darling Freshwater Research Centre.](#)

Our work includes: environmental flows, nutrient cycles, algal, fish and invertebrate ecology, macroinvertebrate and microinvertebrate taxonomy, and water quality assessment through biological and chemical monitoring programs.

[Murray Darling Basin](#)

Student and Teacher Murray River Project Information.

[Salinity and the Murray River](#)

Part of the Discover Murray website.

[Save the Murray - Salinity](#)

From environment Victoria.

[Waterwatch NSW](#)

To provide high quality, locally relevant, resources and support to communities to foster lifelong learning about waterways, catchments and sustainable living.

[Waterwatch Victoria](#)

Waterwatch Victoria is a successful community engagement program connecting local communities with river health, sustainable water issues and management.

Living with climate change

[The Australian Antarctic Division](#)

The AAD advances Australia's strategic, scientific, environmental and economic interests in Antarctica and the Southern Ocean.

[CSIRO - Renewables and Energy](#)

Australia's growth and way of life is underpinned by access to affordable and sustainable energy sources. Find out more about our diverse portfolio of research.

[Department of Climate Change, Energy, the Environment and Water - Australian Government](#)

The Department implements Australian Government policies on the environment, heritage, water and climate action.

[Department of Climate Change, Energy, the Environment and Water - Topics](#)

Topics include: Biodiversity, Environmental Protection, Marine, Water, Climate Change, Heritage and National Parks.

[The Renewable Resource Data Center](#)

The Renewable Resource Data Center (RReDC) provides access to an extensive collection of renewable energy resource data, maps, and tools. Biomass, geothermal, solar, and wind resource data for locations throughout the United States can be found through the RReDC.

[US Global Change Research Program](#)

A Nation, globally engaged and guided by science, meeting the challenges of climate and global change.

Connecting people and places

[Curitiba's Bus System is Model for Rapid Transit](#)

The bus system of Curitiba, Brazil, exemplifies a model Bus Rapid Transit (BRT) system, and plays a large part in making this a livable city.

[Los Angeles River Revitalization](#)

Los Angeles is a vast, complicated place, and so is its 51-mile river. The city's Draft L.A. River Revitalization Master Plan was launched in 2007, the waterway was largely encased in concrete and barely recognizable as a river. The revitalisation plan has laid out improvements to the river that include vegetated terraces, access ramps, dams, public art, underground water retention systems and wetlands.

[Regional Development](#)

Planning is being synchronised across Queensland – we support a coordinated approach to meet future priorities, needs and community expectations.

[Regional Development - APO](#)

This collection covers issues that are vital to regional Australia. It includes resources on communities, infrastructure, industries and the environment in rural and remote regions, collected by APO since 2002.

[South East Queensland Regional Plan 2017](#)

The current regional plan, the South East Queensland Regional Plan 2009-2031 (PDF icon 3.49 MB), refined and modified the strategic directions, principles and policies of the first statutory plan, in response to changing circumstances.

[Toronto Infrastructure](#)

Toronto has North America's third largest public transit system after New York City and Mexico City.

Feeding the world's people

[CARE Australia](#)

CARE Australia is an Australian charity and international humanitarian aid organisation fighting global poverty.

[Feeding the world](#)

Most hungry people live in countries that have food surpluses rather than deficits.

[Food and Agriculture Organization of the United Nations](#)

Our challenge: there is sufficient capacity in the world to produce enough food to feed everyone adequately.

[Population and Feeding the World](#)

This website looks into global issues that affect everyone and aims to show how most issues are inter-related.

[Population Reference Bureau](#)

Addressing health problems and focusing attention on population and health policies.

[The State of Food and Agriculture 2022](#)

This FAO report provides a general world review of the state of agriculture and explores in detail the lessons learned about world food and agriculture in the last 50 years.

[The World Bank](#)

The World Bank is a vital source of financial and technical assistance to developing countries around the world. We are not a bank in the ordinary sense but a unique partnership to reduce poverty and support development.

[2022 Global Hunger Index](#)

The 2022 GHI report focusses particularly on the issue of how to ensure sustainable food security under conditions of water, land and energy stress.

[2018 World Hunger and Poverty Facts and Statistics](#)

The mission of World Hunger Education Service is to undertake programs, including Hunger Notes.

Sustaining biodiversity

[Atlas of Living Australia](#)

The Atlas of Living Australia is a collaborative, national project that aggregates biodiversity data from multiple sources and makes it freely available and usable online.

[Bio Links](#)

This website run by Biozone International Ltd is aimed at helping senior biology students and their teachers, providing high interest, annually updated resources that keep pace with the dynamic nature of biology today.

[Conservation International: Biodiversity Hotspots](#)

Includes a clickable world map of threatened areas of the world. Conservation International (CI) focuses its efforts on 25 biologically rich areas around the world under significant threat of destruction

[Department of Climate Change, Energy, the Environment and Water - Topics](#)

Topics include: Biodiversity, Environmental Protection, Marine, Water, Climate Change, Heritage and National Parks.

[UNEP World Conservation Monitoring Centre](#)

With our partners worldwide we source, collate and verify information on biodiversity and ecosystems which we then synthesise and analyse to create knowledge fit for global decision making.

Exploring the geography of disease

[CARE Australia](#)

CARE Australia is an Australian charity and international humanitarian aid organisation fighting global poverty.

[Department for Environment Food & Rural Affairs \(UK\)](#)

We are the UK government department responsible for policy and regulations on environmental, food and rural issues. Our priorities are to grow the rural economy, improve the environment and safeguard animal and plant health.

[Global Patterns of Disease](#)

Online Geography resources.

[The Global HIV/AIDS Epidemic](#)

Website to expand visibility of timely and relevant Federal HIV policies, programs, and resources to the American public.

[UN AIDS](#)

UNAIDS, the Joint United Nations Programme on HIV/AIDS, is an innovative partnership that leads and inspires the world in achieving universal access to HIV prevention, treatment, care and support.

[WHO Global burden of disease](#)

The WHO global burden of disease (GBD) measures burden of disease using the disability-adjusted life year (DALY). This time-based measure combines years of life lost due to premature mortality and years of life lost due to time lived in states of less than full health.

[World Health Organization](#)

WHO is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters.

[World Health Report 2013](#)

The World health report 2013 “Research for universal health coverage” argues that universal health coverage cannot be achieved without the evidence provided by scientific research.

Spatial technologies

[Geospatial Revolution](#)

An overview on what spatial technologies are, how they work and what benefit they are to us all with these short, online videos.

[Google Earth](#)

Google Earth lets you fly anywhere on Earth to view satellite imagery, maps, terrain, 3D buildings, from galaxies in outer space to the canyons of the ocean. For additional advanced tools, use Google Earth Pro for no extra charge.

[National Map](#)

NationalMap is a website for map-based access to spatial data from Australian government agencies. It is an initiative of the Department of Communications and the Arts, now currently managed by the Department of the Prime Minister and Cabinet, and the software has been developed by Data61 working closely with the Department of Communications and the Arts, Geoscience Australia and other government agencies.

[Natural Resource Maps NT](#)

Natural Resource (NR) Maps is a web mapping tool to discover, research and map natural and cultural research data for the Northern Territory (NT).

[NSW Globe](#)

NSW Globe displays New South Wales Government maps and spatial data including land parcels in Google Earth.

[QGIS](#)

QGIS is an open-source GIS package that is quite powerful. The tool can open data from many file types including Google Earth and ESRI software like ArcGIS. This is for those who want to push their mapping to another level.

[QImagery](#)

Search and download images from the Queensland Government's online collection of photographs from the 1930's to 2009. Use these images to investigate Queensland's history and see how the landscape has changed over time. The photographs are available free to everyone for use as they require.

[QTopo](#)

QTopo is an online mapping tool which allows users to view and explore Queensland's topographic data. Includes contours, roads and tracks, property boundaries and GIS tools.

[What is land surveying?](#)

Surveying is the measurement and mapping of our surrounding environment using mathematics and specialised technology. Land surveyors are involved with a diverse variety of projects from land subdivision to tunnel building and major construction.

General geography

[Aerial photographs - NLA](#)

The collection supports a wide range of activities, including land and water management, ecology, archaeology and military research.

[Indigenous weather patterns](#)

Learn about the history of Indigenous weather, season and environment knowledge across Australia.

[Opensource textbooks - Geography](#)

The Internet Archive is a non-profit that was founded to build an Internet library. Its purposes include offering permanent access to historical collections that exist in digital format.

Teacher resources

[Geospatial Revolution](#)

Give yourself or your students an overview on what spatial technologies are, how they work and what benefit they are to us all with these short, online videos.

[Sustainability in Schools](#)

A portal to direct you to high quality sustainability education resources, case studies focussed on how to create change, and information on how to link it all back to the curriculum - in an accessible, direct way.

[The World Factbook](#)

The World Factbook provides information on the history, people, government, economy, geography, communications, transportation, military, and transnational issues for 267 world entities.