



SUSTAINABLE LIVING TASMANIA

Climate Change / Sustainable Living Resources

There is a huge amount of material on climate change. This is just a sample. Much of it is in our library on the 1st Floor of 71 Murray Street.

Australian Department of Climate Change and Energy Efficiency

<http://www.climatechange.gov.au>

This site has a great deal of material on climate change science, impacts, mitigation and adaptation. It provides information for individuals, households, communities, business and industry to act on climate change. There is also a summary of Australia's greenhouse gas emissions, as well as reports and fact sheets covering wide ranging issues associated with climate change – such as energy, biodiversity, coastal vulnerability, etc.

The publications section includes downloadable versions of:

- * Climate Change in Australia (2007; a report by CSIRO and the Bureau of Meteorology)
- * Climate Change Science Q&A
- Australia's Fifth National Communication on Climate Change (to the United Nations Framework Convention on Climate Change Secretariat). Prepared by the Department of Climate Change and Energy Efficiency, this reports on Australia's progress to date under the obligations set out in the Kyoto Protocol.

This site will give you the federal government view on climate change issues including the Carbon Pollution Reduction Scheme and the Copenhagen Accord.

It includes FAQs about the science and the responses to the climate change deniers.
eg <http://www.climatechange.gov.au/climate-change/science.aspx>

Materials for students and teachers:

<http://www.climatechange.gov.au/climate-change/teachers-and-students/primary.aspx>

<http://www.climatechange.gov.au/climate-change/teachers-and-students/secondary.aspx>

For example there is a downloadable PDF 'Climate Change – what does it mean?'

These, and a great range of other resources can be found at either

<http://www.climatechange.gov.au/publications.aspx> or at the archived site <http://pandora.nla.gov.au/pan/102841/20090728-0000/www.climatechange.gov.au/publications/index.html>

Intergovernmental Panel on Climate Change

The full story on the science and the modelling of future impacts, depending on which emissions path our response follows. The text of the Fourth Assessment Report (AR4), *'Climate Change 2007' (4 vols), can be downloaded from www.ipcc.ch/ where you will also find information on the Fifth Assessment Report being prepared now.

The Climate Change 2007 Synthesis Report, containing a Summary for Policy Makers, can be downloaded from http://www.ipcc.ch/publications_and_data/ar4/syr/en/contents.html

It contains a powerful collection of diagrams and information which summarises the state of the science.

Tasmanian Environment Centre Inc. trading as Sustainable Living Tasmania
1st Floor, 71 Murray Street, Hobart, Tas 7000, Phone (03) 6234 5566, Fax (03) 6234 5543
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Tasmania Specific

Chris Sharples 2006 *‘Indicative Mapping of Tasmanian Coastal Vulnerability to Climate Change and Sea-Level Rise: Explanatory Report

Climate Action Hobart: ‘Ten Steps to a Safe Climate’ www.climateactionhobart.org

Melanie Fitzpatrick 2006 **‘The Impacts of a Changing Climate on Industry Sectors in Tasmania’

The Tasmanian Climate Change Office ‘Tasmanian Framework for Action on Climate Change’. Download it from <http://www.climatechange.tas.gov.au>

Also the Wedges Report which models Tasmania’s emissions and identifies opportunities for emissions reductions http://www.climatechange.tas.gov.au/government_action/wedges_report and information on the Climate Futures for Tasmania research project.

http://www.climatechange.tas.gov.au/government_action/the_climate_futures_for_tasmania_research_program

This site also features an easy to use carbon emissions calculator to see how your lifestyle adds up.

Mercury columnist Peter Boyer posts his column and comment, information etc about Tasmanian and climate change on his site.

<http://climatetasmania.com.au/>

Other Sites and Resources

Beyond Zero Emissions <http://www.beyondzeroemissions.org/>

Has produced a Zero Carbon Australia 2020 Stationary Energy Plan available on the website.

<http://www.350.org/> This organisation lobbies globally for 350 ppm of CO₂, the safe level for human life.

NASA scientist Dr James Hansen is one of the most outspoken scientists on the urgency of serious action. <http://www.columbia.edu/~jeh1/>
‘Storms of my Grandchildren’ is his recent book.

*The Garnaut Climate Change Review (2008), available at

http://www.garnautreview.org.au/domino/Web_Notes/Garnaut/garnautweb.html

An independent (government commissioned) study into Australian climate change, with an economic focus. Prepared by the economist Professor Ross Garnaut.

A. Barrie Pittock, 2009, ‘Climate Change: The Science, Impacts and Solutions (Second Edition)’. A thoroughly researched, well-presented overview of climate change information.

Griffith Review 12 *‘Hot Air - how nigh’s the end?’. Wide ranging accessible essays from a variety of authors including Ian Lowe, Robyn Williams, Geoffrey Blainey

Tim Flannery *‘The Weather Makers – The History and Future Impact of Climate Change’. A good, racy read inspiring individual action

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A. Barrie Pittock 'Climate Change: Turning up the Heat'. A very clear explanation of the scientific basis, adaptation and mitigation, politics and international context by a world recognised Australian atmospheric scientist

*Al Gore 'An Inconvenient Truth – the planetary emergency of global warming and what we can do about it'. The book of the film, persuasive and heartfelt - the evidence of global warming right now; stunning images and diagrams.

Lowy Institute **'Heating up the Planet: Climate Change and Security'

<http://www.lowyinstitute.org/>

<http://www.realclimate.org/>. This is a site on which climate scientists tackle climate science and debunk the sceptics. Recommended by scientists.

<http://www.stcwa.org.au/> The Sustainable Transport Coalition of WA , leading the way in promoting changes in technology, planning and behaviour

**'Can We Still Avoid Dangerous Human-Made Climate Change?' James E. Hansen. February 10, 2006. www.columbia.edu/~jeh1/newschool_text_and_slides.pdf. The best discussion of the imminent 'tipping points' and the urgency of action

*Sir Nicholas Stern 'Review on the Economics of Climate Change' http://www.hm-treasury.gov.uk/independent_reviews/stern_review_economics_climate_change/sternreview_index.cfm. A report for the UK government that shook the world – arguing that it will be economically more costly to delay action on climate change than to act strongly now. **Look at the Executive Summary

Clive Hamilton, former Director of the Australia Institute

*'Running from the Storm – the development of climate change policy in Australia'

* 'Scorcher – The Dirty Politics of Climate Change' An expose of the shadowy world of Australian climate change sceptics, deniers and lobbyists.

**'The Political Economy of Climate Change' (The Milthorpe Lecture, June 2006)

Amory Lovins, Rocky Mountain Institute www.rmi.org

**'Nuclear power: economics and climate-protection potential' Sept 2005. A rigorous critique of the dodgy economics of nuclear energy.

Sustainable Development in a Dynamic World – World Bank Development Report 2003 <http://econ.worldbank.org/wdr/wdr2003/>. The next 50 years could see a 4 fold increase in the size of the global economy and significant reductions in poverty but only if governments act now to avert a growing risk of severe damage to the environment and profound social unrest.

United Nations Millenium Ecosystems Assessment Report, in particular 'Living Beyond Our Means', a broad summary of the state of the planet with especial reference to human well-being, downloadable from <http://www.millenniumassessment.org/en/index.aspx>

The Australian Bureau of Meteorology <http://www.bom.gov.au/climate/change/>

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<http://www.cana.net.au/> Climate Action Network Australia. An activist site that provides briefing information about Kyoto, nuclear power and developments in Australia – energy, health and biodiversity issues.

Australia New Zealand Solar Energy Society <http://www.anzsos.org/>

*George Monbiot 'Heat'. Monbiot cuts through the smoke and mirrors and shows how we can make very deep cuts in emissions.

People who say either the world is not heating up or say that it is but it's not due to human influence.

<http://www.climatechangeissues.com/ci-about-us.php>

<http://www.co2science.org/>

(Cross reference with the Real Climate site)

Personal action:

*Paul Holper and Simon Torok, "Climate Change – What you can do about it". CSIRO Publishing 2008. Easy to read, highly accessible yet full of the latest research and up-to-the-moment science. Information about what you can do in your daily life as well as changes in business, government and industry.

*AGO 'Global Warming Cool it! A home guide to reducing energy costs and greenhouse gases'

Sustainable Living Tasmania www.sustainablelivingtasmania.org.au

Information on the website and in our Resource Library

Website includes links to the DIY Home Energy Audit Manual and Sustainable Living Guides. Check for the Carbon Offsetting Guide, Home Energy Use, and various Sustainable Building Guides in the Sustainable Living Guides section.

Climate Action Hobart www.climateactionhobart.org

Climate Action Hobart is a recently formed and rapidly growing group of ordinary Tasmanians who are deeply concerned about climate change. They meet every 2nd Tuesday, from 5.30pm at the Community Meeting Room (in Sustainable Living Tasmania) Level 1, 71 Murray St, Hobart.

The Powerdown Project <http://powerdown-tas.org/>

An initiative of the Waterworks Valley Community, this website has tips and tools for reducing your carbon footprint, valuable information about behaviour change and why we do or don't make personal changes, and a five step plan for Tasmanians to reduce their carbon footprint and feel good about it.

Find your own ecological footprint – here is one of the many sites.

<http://www.myfootprint.org/>

* in the Sustainable Living Tasmania library

** in the SLT Global Warming file, for your reference in our Centre

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