

## SPREP LIBRARY & INFORMATION RESOURCE CENTRE

### PACIFIC CLIMATE CHANGE RESOURCES

<http://www.sprep.org/publication/climate.asp>

*"A clearinghouse of pacific climate change web resources, documents and lessons learned"*

#### Contents

[United Nations Framework Convention on Climate Change \(UNFCCC\) - Clearinghouse mechanisms](#)

[SPREP climate change programme and resources](#)

[Selected documents and reports](#)

[Lessons learned and best practices: climate change](#)

[Databases and web resources relating to climate change in the Pacific](#)

**United Nations Framework Convention on Climate Change (UNFCCC) - Clearinghouse mechanisms**

[UN Framework Convention on Climate Change](#)

<http://unfccc.int/2860.php>

see also: [Capacity Development for Policy Makers to Address Climate Change](#)

<http://www.undp.org/climatechange/capacity-development.html>

[Kyoto Protocol](#)

[http://unfccc.int/kyoto\\_protocol/items/2830.php](http://unfccc.int/kyoto_protocol/items/2830.php)

The Kyoto Protocol is an international agreement linked to the United Nations Framework Convention on Climate Change. The major feature of the Kyoto Protocol is that it sets binding targets for 37 industrialized countries and the European community for reducing greenhouse gas (GHG) emissions. These amount to an average of five per cent against 1990 levels over the five-year period 2008-2012. The major distinction between the Protocol and the Convention is that while the Convention encouraged industrialised countries to stabilize GHG emissions, the Protocol commits them to do so.

see also:

[IPCC - Intergovernmental Panel on Climate Change](#)

<http://www.ipcc.ch/>

The IPCC assesses the scientific, technical and socio-economic information relevant for the understanding of the risk of human-induced climate change. The main activity of the IPCC is to provide in regular intervals Assessment Reports of the state of knowledge on climate change.

see also:

[Climate Funds Update](#)

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

This site provides information on the growing number of international funding initiatives that have been designed to help developing countries address the challenges of climate change. The fund descriptions focus on the institutional and governance characteristics of the emerging funding initiatives.

The website contains:

18 international funding initiatives, fully documented (with a summary table listing key attributes of each fund)

An overview diagram of the international architecture of funds

A separate webpage on a range of proposed funds

834 operational climate change projects on a searchable data base

*see also:*

[United States Global Change Research Program](#)

<http://www.globalchange.gov/>

Integrating federal research on climate and global change

*see also:*

[Gateway to the UN system's work on climate change](#)

<http://www.un.org/wcm/content/site/climatechange/gateway>

*see also:*

[The EarthCharter : climate change](#)

<http://www.earthcharterinaction.org/content/categories/Climate%20Change>

Climate change -- caused by humanity's emission of greenhouse gases -- has emerged as a global issue of the highest urgency. On this page, you will find some articles addressing climate change from an integrated ethical perspective, as framed by the Earth Charter .

Alert services , newsletters and bulletins

[Climate-l.org](#)

<http://climate-l.org/>

Climate-L.org is a knowledge management project for international negotiations and related activities on climate change run by the International Institute for Sustainable Development (IISD),

*see also:* [SPREP International Conventions webpage](#)

<http://www.sprep.org/legal/international.htm>

*see also:* [MEA Bulletin](#)

<http://www.iisd.ca/email/mea-l.htm>

The MEA Bulletin is a publication created by the International Institute for Sustainable Development (IISD), in cooperation with the United Nations Environment Programme's Division for Environmental Law and Conventions (UNEP DELC).

*see also:* [IISD \[International institute for Sustainable Development\]](#)

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

Current and recent coverage of major MEA meetings

*see also:* [Linkages \[IISD Reporting Services\]](#)

<http://www.iisd.ca/>

News, information, and analysis on international environment and sustainable development negotiations and policy making.

*see also:* [Earth Negotiations Bulletin](#)

<http://www.iisd.ca/voltoc.html>

A Reporting Service for Environment and Development Negotiations

## **SPREP climate change programme and resources**

- [Climate change, variability and sea level change](#)

<http://www.sprep.org/topic/climate.htm>

- [Climate Change portal](#)

[http://www.sprep.org/climate\\_change/index.asp](http://www.sprep.org/climate_change/index.asp)

- [Pacific Adaptation to Climate Change \(PACC\): Building resilience to climate change in Pacific communities](#)

[http://www.sprep.org/climate\\_change/PACC/index.asp](http://www.sprep.org/climate_change/PACC/index.asp)

- [Pacific Year of Climate Change](#)

[http://www.sprep.org/climate\\_change/PYCC/index.asp](http://www.sprep.org/climate_change/PYCC/index.asp)

### **Selected documents and reports**

[Climate change fact sheet \[SPREP\]](#)

<http://www.sprep.org/factsheets/climate/index.htm>

[Climate change fact sheets developed for the Pacific Year of Climate Change \[SPREP\]](#)

[http://www.sprep.org/climate\\_change/PYCC/factsheets.htm](http://www.sprep.org/climate_change/PYCC/factsheets.htm)

[Climate change and food security in Pacific island countries \[FAO\] \(2009; 1.85mb\)](#)

[http://www.sprep.org/att/IRC/eCOPIES/Pacific\\_Region/371.pdf](http://www.sprep.org/att/IRC/eCOPIES/Pacific_Region/371.pdf)

[Climate change: information kit \[UNEP \(2002; 3.86mb\)\]](#)

<http://www.sprep.org/att/IRC/eCOPIES/global/39.pdf>

[Climate in Peril: A Popular Guide to the Latest IPCC Reports \[UNEP\] \(2009; 6.85mb\)](#)

<http://www.sprep.org/att/irc/ecopies/global/298.pdf>

[Climate literacy: the essential principles of climate sciences: a guide for individuals and communities \[NOAA\] \(2009; 2.92mb\)](#)

<http://www.sprep.org/att/IRC/eCOPIES/Global/280.pdf>

[The future is here: climate change in the Pacific \[Oxfam\] \(2009; 3.29mb\)](#)

[http://www.sprep.org/att/irc/ecopies/pacific\\_region/466.pdf](http://www.sprep.org/att/irc/ecopies/pacific_region/466.pdf)

[Majuro Declaration on climate change \(2009\)](#)

[Niue Declaration on climate change \(2008\)](#)

[Pacific Islands Action Plan for the Implementation of the Pacific Islands Framework for Action on Climate Change 2006-2015 \(222kb\)](#)

[Pacific Islands Framework for Action on Climate Change 2006-2015 \[SPREP\] \(2005; 208kb\) and Action Plan \(2008; 42kb\)](#)

[Small Islands \[in\] Climate change 2007: Impacts, Adaptation and Vulnerability, Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change](#)

<http://www.sprep.org/att/IRC/eCOPIES/Global/232.pdf>

[SPREP Climate change publications \(all\):](#)

[http://www.sprep.org/publication/pub\\_list.asp?int\\_pub\\_cat1=4](http://www.sprep.org/publication/pub_list.asp?int_pub_cat1=4)

- [Pacific Islands Framework for Action on Climate Change 2006\\_2015](#)

[http://www.sprep.org/publication/pub\\_detail.asp?id=438](http://www.sprep.org/publication/pub_detail.asp?id=438)

- [Climate Variability and Change and Sea-level Rise in the Pacific Islands Region : A Resource Book for Policy and Decision Makers, Educators and other Stakeholders](#)

[http://www.sprep.org/climate\\_change/001webpage/01index.htm](http://www.sprep.org/climate_change/001webpage/01index.htm)

- CV&A : A guide to Community Vulnerability and Adaptation assessment and action  
[http://www.sprep.org/publication/pub\\_detail.asp?id=437](http://www.sprep.org/publication/pub_detail.asp?id=437)

[The Science of Climate Change \[World Bank\]](#) (2009; 3.19mb)  
<http://siteresources.worldbank.org/INTWDR2010/Resources/5287678-1226014527953/Focus-A.pdf>

see also:

[Documents and reports about climate change available in full text online from the SPREP library](#)

<http://www.sprep.org/WebPub/textbase/searchAlt.htm>

see also:

### **Selected documents from the PEIN Country Profiles Directory**

[http://www.sprep.org/publication/PEIN\\_Country\\_Profiles.asp](http://www.sprep.org/publication/PEIN_Country_Profiles.asp)

### **Climate Risk Profiles**

[Cook Islands \(2005; 534kb\)](#) , [Federated States of Micronesia \(2005; 474kb\)](#) , [Samoa \(2006; 754kb\)](#) / [Samoa updated \(2007; 421kb\)](#)

### **National Capacity Self Assessment (NCSA)**

Thematic Assessment Reports:

Climate Change: [Cook Islands \(2007;1.22mb\)](#), [Kiribati \(2007; 720kb\)](#), [Niue \(2008;204kb\)](#) , [Palau Pt1 / Pt2 \(2007\)](#) , [Samoa \(2006; 472kb\)](#), [Solomon Islands \(416kb\)](#) see also [Solomon Islands \(214kb\)](#) , [Tonga \(2007?; 918kb\)](#)

### **Sea Level & Climate: their present state: Country reports**

[Cook Islands \(2006; 2.07mb\)](#), [Federated States of Micronesia \(2006; 2.11mb\)](#), [Fiji \(2006; 2.76mb\)](#), [Kiribati \(2006; 1.94mb\)](#), [Marshall Islands \(2006; 2.08mb\)](#), [Nauru \(2006; 2.1mb\)](#), [Niue \(2006; 979kb\)](#), [Palau \(2006; 2.16mb\)](#), [Papua New Guinea \(2006; 2.04mb\)](#), [Samoa \(2006; 2.07mb\)](#), [Solomon Islands \(2006; 2.07mb\)](#), [Tonga \(2006; 2.26mb\)](#), [Tuvalu \(2006; 2.14mb\)](#), [Vanuatu \(2006; 2.51mb\)](#)

### **United Nations Framework Convention on Climate Change (UNFCCC)**

(i) First National Communications and In-depth Reviews

[Cook Islands \(2000; 1.66mb\)](#), [Federated States of Micronesia \(1997; 199kb\)](#), [Fiji \(2005; 6.29mb\)](#), [Kiribati \(1999; 823kb\)](#) , [Marshall islands \(2000; 1.91mb\)](#), [Nauru \(1999; 1.27mb\)](#), [Niue \(2000; 3.09mb\)](#) , [Papua New Guinea \(2000; 1.53mb\)](#), [Samoa \(1999; 784kb\)](#), [Solomon Islands \(2001; 2.12mb\)](#), [Tonga \(2005; 4.03mb\)](#), [Tuvalu \(1999; 5.37mb\)](#), [Vanuatu \(1999; 583kb\)](#)

(ii) Second National Communications

[Samoa \(2008; 3.93mb\)](#)

(iii) National Action Plans on Adaptation (NAPA)

[Kiribati \(2007; 1.66mb\)](#), [Samoa \(2005; 473kb\)](#), [Synthesis Report \(2004; 1.93mb\)](#) and [framework \(2004; 402kb\)](#), [Solomon Islands \(2008; 5.01mb\)](#), [Tuvalu \(2007; 2.2mb\)](#)

### **Lessons learned and best practices: climate change**

[Climate change adaptation in the Pacific: lessons learned from variability and extreme events](#) / Eileen Shea (2004; 3.44mb)

[http://www.sprep.org/att/IRC/eCOPIES/Lessons\\_learned/Climate\\_change\\_Shea.pdf](http://www.sprep.org/att/IRC/eCOPIES/Lessons_learned/Climate_change_Shea.pdf)

[Climate witness: community toolkit \[WWF\]](#) (2.7mb)

[http://www.sprep.org/att/IRC/eCOPIES/Pacific\\_Region/352.pdf](http://www.sprep.org/att/IRC/eCOPIES/Pacific_Region/352.pdf)

[Community-level adaptation to climate change: action in the Pacific. Proceedings of a workshop on community-level adaptation to climate change, Suva, Fiji: 21-23 March, 2005.](#) (2005; 283kb)

[http://www.sprep.org/att/publication/000431\\_CBDAMPIC.pdf](http://www.sprep.org/att/publication/000431_CBDAMPIC.pdf)

[Drought and extreme tides in RMI and FSM: Lessons learned, guidelines and recommendations \[PEAC\]](#) - power point presentation (1.69mb)

[http://www.sprep.org/att/IRC/eCOPIES/Lessons\\_learned/PEAC2.ppt](http://www.sprep.org/att/IRC/eCOPIES/Lessons_learned/PEAC2.ppt)

[Guiding principles for climate risk management initiatives](#) - power point presentation (2003; 104kb)

[http://www.sprep.org/att/IRC/eCOPIES/Lessons\\_learned/Extreme\\_climate\\_guiding\\_principles.ppt](http://www.sprep.org/att/IRC/eCOPIES/Lessons_learned/Extreme_climate_guiding_principles.ppt)

[Climate Adaptation and Adaptation Mainstreaming: Lessons From Variability](#) (2004; 2.04mb)

[http://www.sprep.org/att/IRC/eCOPIES/Lessons\\_learned/Climate\\_Shea.ppt](http://www.sprep.org/att/IRC/eCOPIES/Lessons_learned/Climate_Shea.ppt)

[Climate literacy: the essential principles of climate sciences: a guide for individuals and communities \[NOAA\]](#) (2009; 2.92mb)

<http://www.sprep.org/att/IRC/eCOPIES/Global/280.pdf>

[CRiSTAL: Community-based Risk Screening Tool – Adaptation and Livelihoods](#)

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

The Community-based Risk Screening Tool – Adaptation and Livelihoods (CRiSTAL) is designed to help project planners and managers integrate climate change adaptation into community-level projects. It helps project designers and managers:

Understand the links between livelihoods and climate in their project areas;

Assess a project's impact on community-level adaptive capacity; and

Make project adjustments to improve its impact on adaptive capacity and reduce the vulnerability of communities to climate change.

[CV&A : A guide to Community Vulnerability and Adaptation assessment and action \[SPREP\]](#) (2006; 1.25mb)

[http://www.sprep.org/att/publication/000437\\_CVAGuideE.pdf](http://www.sprep.org/att/publication/000437_CVAGuideE.pdf)

[Implementing sustainable bioenergy production: a compilation of tools and approaches \[IUCN\]](#) (2009; 4.09 mb)

<http://www.sprep.org/att/irc/ecopies/global/215.pdf>

[Pacific Islands: adapting to climate change \[World Bank\]](#) (2002; 125kb)

[http://www.sprep.org/att/IRC/eCOPIES/Lessons\\_learned/World\\_Bank\\_adaptation.pdf](http://www.sprep.org/att/IRC/eCOPIES/Lessons_learned/World_Bank_adaptation.pdf)

[Pacific Islands Climate Change Adaptation Programme - PICCAP](#) - power point presentation - success stories / lessons learned (2002; 1.09mb)

[http://www.sprep.org/att/IRC/eCOPIES/Lessons\\_learned/PICCAP.ppt](http://www.sprep.org/att/IRC/eCOPIES/Lessons_learned/PICCAP.ppt)

[Pacific Islands Climate Change Adaptation Programme - PICCAP](#) - power point presentation - lessons learned (2002; 70kb)

[http://www.sprep.org/att/IRC/eCOPIES/Lessons\\_learned/PICCAP2.ppt](http://www.sprep.org/att/IRC/eCOPIES/Lessons_learned/PICCAP2.ppt)

[PEAC Review Workshop: Lessons and recommendations](#) - power point presentation (2003; 34kb)

[http://www.sprep.org/att/IRC/eCOPIES/Lessons\\_learned/PEAC.ppt](http://www.sprep.org/att/IRC/eCOPIES/Lessons_learned/PEAC.ppt)

[PSC Climate change and extreme events: shared lessons](#) - power point presentation (2003; 107kb)

[http://www.sprep.org/att/IRC/eCOPIES/Lessons\\_learned/Extreme\\_climate.ppt](http://www.sprep.org/att/IRC/eCOPIES/Lessons_learned/Extreme_climate.ppt)

[Resource Guide on Gender and Climate Change \[UNDP\]](#) (2009; 2.82mb)

<http://www.sprep.org/att/IRC/eCOPIES/Global/289.pdf>

[SANDWATCH MANUAL. Adapting to Climate Changes and Educating for Sustainable Development](http://www.sprep.org/att/irc/ecopies/global/349.pdf) [Sandwatch] (2009; 3.24mb)  
<http://www.sprep.org/att/irc/ecopies/global/349.pdf>

### **Databases and web resources relating to climate change in the Pacific**

[Alofa Tuvalu](#) [Tuvalu climate change awareness and education website]

[Asia-Pacific Data Research Centre](#)

<http://apdrc.soest.hawaii.edu/>

The APDRC is building towards a vision of one-stop shopping of climate data incl. the following climate related datasets: atmospheric, oceanic, air-sea flux, and terrestrial.

[The Centre for Climate and Development: Improving access to climate change research and information](#)

[http://www.dfid.gov.uk/fightingpoverty/climate\\_centre.asp](http://www.dfid.gov.uk/fightingpoverty/climate_centre.asp)

There is a pressing need for developing countries to have better access to high quality research and information on climate change and development. To tackle climate change effectively, developing countries will first need to understand what the likely impacts in their regions will be (e.g. will there be more or less rainfall) and second, assess what options there are to adapt to these changes (e.g. ways to better manage water supplies). It's also important that developing countries can get high-quality, relevant information about low carbon development opportunities, such as renewable energy. To help developing countries do this, DFID is developing a multi-million pound 'Centre for Climate and Development' which will deliver an integrated set of knowledge management, research and advisory services on all aspects of climate change and development. The aim is to support policy-making and practice on adaptation and low carbon development in developing countries.

[Climate Change & Development Roundtable](#)

<http://www.ccdr.org.au/>

The Climate Change & Development Roundtable is a 12-member organisation formed to facilitate information exchange between organisations specialising in climate change and those specialising in development.

[The Climate Community \(UNDPCC\)](#)

A knowledge platform to promote capacity development of policy makers working directly with activities related to climate change adaptation and mitigation. see [country profiles](#) .

[Dev-Zone Directory of climate change resources](#)

[http://www.devzone.org/knowledge/Pacific\\_Focus/Environment\\_in\\_the\\_Pacific/Climate\\_Change\\_in\\_the\\_Pacific/index.php](http://www.devzone.org/knowledge/Pacific_Focus/Environment_in_the_Pacific/Climate_Change_in_the_Pacific/index.php)

Compiled by staff at the Dev-Zone Knowledge Centre in Wellington, New Zealand.

[Environmental Vulnerability Index](#)

<http://www.vulnerabilityindex.net/>

A vulnerability index for the natural environment, the basis of all human welfare, has been developed by the South Pacific Applied Geoscience Commission (SOPAC), the United Nations Environment Programme (UNEP) and their partners. The index was developed through consultation and collaboration with countries, institutions and experts across the globe. This index is designed to be used with economic and social vulnerability indices to provide insights into the processes that can negatively influence the sustainable development of countries. Includes [Country Profiles](#) for most Pacific island countries.

[FAO Climate Change Asia-Pacific website](#)

<http://www.fao.org/climatechange/49387/en/>

see also [FAO Pacific website](#) [Includes access to publications] - <http://www.faoapacific.ws/>

### [Hurricane & Storm Tracking for the Atlantic & Pacific Oceans](http://hurricane.terrapin.com/)

<http://hurricane.terrapin.com/>

The StormTrack system receives weather data from the US National Weather Service via satellite. The system creates an entry for each tropical depression, storm, or hurricane when the National Weather Service begins issuing advisories.

### [Island Climate Update](http://www.niwa.cri.nz/ncc/icu) [NIWA National Climate Centre]

<http://www.niwa.cri.nz/ncc/icu>

An overview of the present climate in the tropical South Pacific Islands, with an outlook for the coming months, to assist in dissemination of climate information in the Pacific region. Include temperature and rainfall data.

### [Marshall Islands Climate Change website](#)

This site provides various information related to the Marshall Island's implementation of the United Nations Framework Convention on Climate Change (UNFCCC) and other climate change issues. It has been prepared as part of the Republic of the Marshall Islands Environmental Protection Authority (RMIEPA) implementation of the Pacific Islands Climate Change Assistance Programme (PICCAP).

### [NOAA Central Library Global Climate Change Resources - Pacific](http://www.lib.noaa.gov/climatechangeresources.html)

<http://www.lib.noaa.gov/climatechangeresources.html>

- see also Coastal Management Virtual Library and Forum (CMVLF) - currently in development - see <http://docs.lib.noaa.gov/vlib/PICCP.html>

### [On the frontlines of climate change: a forum for indigenous peoples, small islands and vulnerable communities](http://www.climatefrontlines.org/)

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

Grassroots Internet forum On the Frontlines of Climate Change was launched by UNESCO, in partnership with the Secretariat of the Convention on Biological Diversity (SCBD), the Secretariat of the UN Permanent Forum on Indigenous Issues (SPFII) and the Office of the High Commissioner on Human Rights (OHCHR).

### [Pacific Climate Network](http://groups.google.com/group/pacific-climate-network?hl=en) [Google Group]

<http://groups.google.com/group/pacific-climate-network?hl=en>

Open email forum and discussion group. Excellent email group to subscribe to for finding and sharing the latest news and developments in climate change in the Pacific. The aim of this network is to share information and ideas that will assist Pacific island governments, NGOs, communities and the private sector respond to climate change.

### [Pacific Disaster Net](http://www.pacificdisaster.net/pdn2008/)

<http://www.pacificdisaster.net/pdn2008/>

The Pacific Disaster Net is the - Virtual Centre of Excellence - for Disaster Risk Management in the Pacific Region. The Web Portal and Database System is designed to be the largest and most comprehensive information resource in relation to Disaster Risk Management for the Pacific Island Countries.

### [Pacific Islands Applied Geoscience Commission](http://www.sopac.org/tiki-index.php?) [SOPAC]

<http://www.sopac.org/tiki-index.php?>

SOPAC, the Pacific Islands Applied Geoscience Commission is an inter-governmental, regional organisation dedicated to providing products and services in three technical programme areas of: Community Lifelines; Community Risk; and Ocean and Islands. Website includes access to detailed reports, journals, newsletters and GIS maps and data for the region.

### [Pacific Climate Information Service \(PaCIS\)](http://www.ideademo.org/pacis/index.php)

<http://www.ideademo.org/pacis/index.php>

The Pacific Climate Information System (PaCIS) provides a programmatic framework to integrate ongoing and future climate observations, operational forecasting services and

climate projections, research, assessment, data management, outreach, and education to address the needs of American Flag and U.S.-Affiliated Pacific Islands (USAPI). PaCIS and the concept of a Pacific Regional Climate Centre trace their roots back to the 1997-1998 El Niño season and initial discussions of Pacific climate services at a workshop held in conjunction with the 1999 Pacific Regional Environment Program (SPREP) meeting of the Pacific Regional Meteorological Services Directors (RMSD).

#### [Pacific Islands Climate Prediction Project \(PI-CPP\)](#)

<http://www.bom.gov.au/climate/pi-cpp/>

The Government of Australia funded Project Pacific Islands Climate Prediction Project (PI-CPP) is managed by the Australian Bureau of Meteorology. In 2001 a needs analysis for strengthening meteorological services in Pacific Island Countries (PICs), funded by AusAID, found that the majority of National Meteorological Services (NMSs) in the region were encountering many difficulties in providing basic meteorological services for the citizens and industries of their countries.

One of the clear priorities was the need to enhance the ability of NMSs to provide seasonal climate prediction services. The needs analysis report included a project concept that would not only enhance NMS proficiency in seasonal forecasting but would also build expertise in the prudent use of the forecasts.

In response to this identified need, the Australian overseas aid and development agency, AusAID, in collaboration with the Australian Bureau of Meteorology developed a project plan for enabling participating PICs to generate and make use of seasonal predictions.

#### [Pacific Islands Global Climate Observing System \[PI-GCOS\]](#)

<http://www.pi-gcos.org/>

The Pacific Islands-Global Climate Observing System (PI-GCOS) programme started in Apia, Samoa, in 2000 as a result of the first regional Global Climate Observing System (GCOS) workshop organised by the Secretariat of the Pacific Regional Environment Programme (SPREP) and the international GCOS Secretariat. It is a sub-programme of the GCOS aimed specifically at meeting the observing needs of Pacific Islands.

#### [Pacific Island Global Ocean Observing System](#)

<http://www.pi-goos.org/>

The Pacific Islands – Global Ocean Observing System (PI-GOOS) is a regional initiative to develop capacity in operational oceanography in the Pacific region. The primary focus is to work within an integrated framework that systemically acquires oceanographic and marine data, and disseminates as useful information in response to the needs of government, scientific research and the public, to address marine related issues. A program objective is to assure maximum operation of the system within and by the region. The PI-GOOS was established in 1998 at the Pacific Regional GOOS Capacity Building Workshop, which convened in Suva, Fiji. The PI-GOOS Secretariat is based at the South Pacific Applied Geoscience Commission (SOPAC), also in Suva.

#### [Pacific Islands Greenhouse Gas Abatement through Renewable Energy Project \(PIGGAREP\) \[SPREP\]](#)

[http://www.sprep.org/climate\\_change/piggarep.htm](http://www.sprep.org/climate_change/piggarep.htm)

The PIGGAREP is a product of a Global Environment Facility (GEF) and United Nations Development Programme (UNDP) - funded preparatory exercise, the Pacific Islands Renewable Energy Project (PIREP). The PIREP was completed in 2006 and the implementation of the PIGGAREP commenced in 2007. The global environment and development goal of PIGGAREP is the reduction of the growth rate of GHG emissions from fossil fuel use in the PICs through the removal of the barriers to the widespread and cost effective use of feasible RE technologies. The specific objective of the project is the promotion of the productive use of RE to reduce GHG emission by removing the major



barriers to the widespread and cost-effective use of commercially viable RE technologies (RETs).

Pacific National Meteorological Services - govt. websites

see - [http://www.pi-gcos.org/PI\\_Met\\_Services.htm](http://www.pi-gcos.org/PI_Met_Services.htm)

[American Samoa](http://www.prh.noaa.gov/samoa/) - <http://www.prh.noaa.gov/samoa/>

[Australia](http://www.bom.gov.au/) - <http://www.bom.gov.au/>

[Cook Islands](http://www.cookislands.pacificweather.org/) - <http://www.cookislands.pacificweather.org/>

[Federated States of Micronesia](http://weather.noaa.gov/weather/FM_cc.html) - [http://weather.noaa.gov/weather/FM\\_cc.html](http://weather.noaa.gov/weather/FM_cc.html)

[Fiji](http://www.met.gov.fj/) - <http://www.met.gov.fj/>

[French Polynesia](http://www.meteo.pf/) - <http://www.meteo.pf/>

[Guam](http://pi-gcos.org/guam/default1.htm) - <http://pi-gcos.org/guam/default1.htm>

[Hawaii](http://www.prh.noaa.gov/pr/hnl/) - <http://www.prh.noaa.gov/pr/hnl/>

[Kiribati](http://www.pi-gcos.org/kiribati) - <http://www.pi-gcos.org/kiribati>

[Marshall Islands](http://www.prh.noaa.gov/majuro/) - <http://www.prh.noaa.gov/majuro/>

[New Caledonia](http://www.meteo.nc/) - <http://www.meteo.nc/>

[New Zealand](http://www.metservice.co.nz/default/index.php) - <http://www.metservice.co.nz/default/index.php>

[Northern Mariana Islands](http://pi-gcos.org/Mariana%20Islands/default.htm) - <http://pi-gcos.org/Mariana%20Islands/default.htm>

[Niue](http://informet.net/niuemet/) - <http://informet.net/niuemet/>

[Palau](http://www.prh.noaa.gov/koror/) - <http://www.prh.noaa.gov/koror/>

[Papua New Guinea](http://www.pi-gcos.org/PNG/) - <http://www.pi-gcos.org/PNG/>

[Samoa](http://www.meteorology.gov.ws/) - <http://www.meteorology.gov.ws/>

[Solomon Islands](http://www.met.gov.sb/) - <http://www.met.gov.sb/>

[Tonga](http://www.met.gov.to/) - <http://www.met.gov.to/>

[Tuvalu](http://tuvalu.pacificweather.org/) - <http://tuvalu.pacificweather.org/>

[Vanuatu](http://www.meteo.gov.vu/) - <http://www.meteo.gov.vu/>

[Pacific People's Partnership Climate Change Action Kit](http://climatechange.pacificpeoplespartnership.org/)

<http://climatechange.pacificpeoplespartnership.org/>

[Pacific Region Ocean Data & Information Portal](http://www.nodc.noaa.gov/PRODIP/)

<http://www.nodc.noaa.gov/PRODIP/>

The goal of PRODIP is to develop and implement an end-to-end ocean data and information portal with capabilities of exploring in-situ data from real-time data streams and integrating the data streams with archives across the Internet through a "one-stop shopping" (single interface) query for users who have a high bandwidth Internet connection. Alternatively, users without high-speed network access can order CD/DVD-ROMs from the NODC that contain the integrated dataset and then use software over potentially low-bandwidth/high-latency network connections to periodically update the CD/DVD-ROM-based archive with new data.

[Pacific RISA: The Pacific Regional Integrated Science and Assessment program](http://www.pacificrisa.org/cms/) :

<http://www.pacificrisa.org/cms/>

The Pacific Regional Integrated Science and Assessment (Pacific RISA) program supports Pacific island and coastal communities to mitigate and adapt to the impacts of climate variability and change. We strive to enhance Pacific communities' abilities to understand, plan for, and respond to changing climate conditions. Our work is conducted through interdisciplinary research and partnership with local, national, and regional stakeholders.

[Pacific Water](http://www.pacificwater.org/)

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

Interactive information portal on water, sanitation and hygiene for the Pacific, which will help Pacific Island Countries, the Pacific Water Partnership and SOPAC to share information and news on some of the most important development issues in the Pacific today. You can find information on the website about all SOPAC initiatives, programmes and projects on water, sanitation and hygiene, by three main themes:

Water Resources Management: the Pacific Hydrological Cycle Observing System (HYCOS), drinking Water Quality Monitoring (WQM), the Pacific Island Climate Update (ICU) and the Pacific Water and Climate Resource Centre:

Water and Wastewater Asset Management: Water supply, Sanitation and Hygiene (WASH) including RainWater? Harvesting (RWH) and appropriate water and wastewater technologies, drinking Water Safety Planning (WSP), Water Demand Management (WDM)

Water Governance: Pacific Integrated Water Resources Management (IWRM) programme, and the Pacific Partnership Initiative on Sustainable Water Management

The information portal also includes several features to keep you well informed and updated on what is happening on water, sanitation and hygiene in the Pacific Island Countries. Includes country profiles.

### [Papua New Guinea Office of Climate Change and Carbon Trade](#)

### [PEAC: The Pacific ENSO Applications Climate \(PEAC\) Center](#)

<http://www.soest.hawaii.edu/MET/Enso/index2.html>

The Pacific ENSO Applications Climate (PEAC) Center was established in August 1994 as a multi-institutional partnership, to conduct research and produce information products on climate variability related to the El Niño - Southern Oscillation (ENSO) climate cycle in the U.S.-Affiliated Pacific Islands (USAPI). PEAC's core members are the National Oceanic and Atmospheric Administration - Office of Global Programs (NOAA/OGP), NOAA National Weather Service - Pacific Region (NWS-PR), the University of Hawaii - School of Ocean and Earth Science and Technology UH/SOEST, the University of Guam - Water and Environmental Research Institute (UOG/WERI), and a regional association of the USAPI Governments, the Pacific Basin Development Council (PBDC).

### [Secretariat for the Pacific Regional Environment Programme \[SPREP\]](#)

<http://www.sprep.org>

SPREP is a regional organisation established by the governments and administrations of the Pacific region to look after its environment. SPREP's mandate is to promote cooperation in the Pacific islands region and to provide assistance in order to protect and improve the environment and to ensure sustainable development for present and future generations.

- [Climate change, variability and sea level change](#)

<http://www.sprep.org/topic/climate.htm>

- [Climate Change portal](#)

[http://www.sprep.org/climate\\_change/index.asp](http://www.sprep.org/climate_change/index.asp)

- [Pacific Environment Information Network \[PEIN\] Country Profiles -](#)

[http://www.sprep.org/publication/PEIN\\_Country\\_Profiles.asp](http://www.sprep.org/publication/PEIN_Country_Profiles.asp) - and [SPREP IRC & Library -](#)

[http://www.sprep.org/publication/pub\\_top.asp](http://www.sprep.org/publication/pub_top.asp) - see also [Online documents relating to climate change available from the SPREP Library](#)

### [South Pacific Sea Level and Climate Monitoring Project](#)

<http://www.bom.gov.au/pacificsealevel/index.shtml>

The South Pacific Sea Level and Climate Monitoring Project (SPSLCMP) is an Australian Government initiative, funded by the Australian Agency for International Development (AusAID), which will enable South Pacific Island Countries to better manage their own environments and contribute to achieving sustainable development. Includes access to country reports.

### [START : Global Change SysTem for Analysis Research and Training](#)

<http://www.usp.ac.fj/start/>

START was launched by the International Geosphere-Biosphere Programme (IGBP), the World Climate Research Programme (WCRP), and the International Human Dimensions Programme on global environmental change (IHDP) to build indigenous capacity world-wide to cope with scientific and policy aspects of environmental change and development. START

has established a system of regional networks in developing regions of the world. The START Regional Secretariat for the Pacific is based at the University of the South Pacific. The primary mission of START networks is:  
to conduct research on regional aspects of global change  
to assess the impacts of regional findings  
to provide regionally important integrated and evaluated information to policy makers and government.

#### [UNESCO Office for the Pacific states](#)

[http://portal.unesco.org/geography/en/ev.php-URL\\_ID=5945&URL\\_DO=DO\\_TOPIC&URL\\_SECTION=201.html](http://portal.unesco.org/geography/en/ev.php-URL_ID=5945&URL_DO=DO_TOPIC&URL_SECTION=201.html)  
UNESCO will shortly be creating a specific climate-change section.

#### [University Of Hawai'i Sea Level Centre](#)

<http://uhslc.soest.hawaii.edu/uhslc/>

The University of Hawaii Sea Level Center (UHSLC) is a research facility of the University of Hawaii/NOAA Joint Institute for Marine and Atmospheric Research (JIMAR) within the School of Ocean and Earth Science and Technology (SOEST). The UHSLC originated as the TOGA Sea Level Center under the leadership of Professor Klaus Wyrtki of the University of Hawaii, Department of Oceanography. The center was a natural extension of Professor Wyrtki's pioneering research on the El Nino Southern Oscillation in the Pacific Ocean. Under the current direction of Dr. Mark Merrifield, the mission of the UHSLC is to collect, process, distribute, and analyze in-situ tide gauge data from around the world in support of climate research.

#### [- Joint Archive for Sea Level](#)

<http://ilikai.soest.hawaii.edu/uhslc/jasl.html>

The Joint Archive for Sea Level (JASL) is a collaborative arrangement between the National Oceanographic Data Center (NODC), the World Data Center (WDC-SS) for Oceanography, Silver Spring, and the University of Hawaii Sea Level Center (UHSLC). Beginning in the Fall of 2000, the JASL is supported by the new NOAA National Coastal Data Development Center (NCDDC). The JASL is responsible for the collaborative archive referred to as the Research Quality Data Set.

#### [US Fish and Wildlife Service Climate Change in the Pacific Region](#)

<http://www.fws.gov/pacific/Climatechange/changepi.html>

In the Pacific Islands, we are collaborating with climate researchers at the University of Hawai'i's International Pacific Research Center, the Department of Geography and NOAA's National Center for Atmospheric Research. These collaborations will assess historic climate trends and promote the development of regional climate models that will aid in estimating future climate conditions in the Pacific Islands (Hawai'i, American Samoa, the Mariana Islands and other islands).

#### [US National Assessment of the Potential Consequences of Climate Variability and Change Region: Pacific Islands](#)

<http://www.usgcrp.gov/usgcrp/nacc/pacific.htm>

#### [World Resource Institute Vulnerability and Adaptation Database - case studies of small island developing states](#)

<http://projects.wri.org/taxonomy/term/150>

#### [WWF Pacific Climate Change Web Resource](#)

[http://www.wwfpacific.org.fj/what\\_we\\_do/climate\\_change/](http://www.wwfpacific.org.fj/what_we_do/climate_change/)

Information, news and documents relating to climate change in the Pacific and WWFs climate change programme

- [Climate Change eNewsletter](#)

<http://www.wwfpacific.org.fj/current/news/eNews/climate/index.cfm>



[Back to top](#)

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