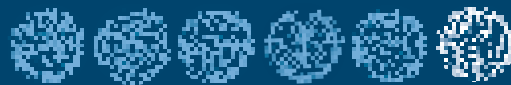


TOOLS WHERE TO GO TO FIND OUT MORE





CLIMATE CHANGE AND FOOD SECURITY TOOLS

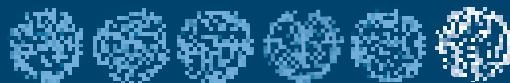
TOOL 1 CLIMATE CHANGE AND FOOD SECURITY IN PACIFIC ISLAND COUNTRIES	
DESCRIPTION	Book presenting overview of climate change and food security issues in the Pacific with a focus on case-studies conducting in the Cook Islands, RMI and Vanuatu.
TOOL TYPE	Book
YEAR	2008
FOCUS	Food security and adaptation
SCOPE	Pacific Island countries with focus on Cook Islands, RMI and Vanuatu
REFERENCE/LINKS	Published by FAO Rome. Web site: www.fao.org/sids
TOOL 2 FAO CLIMATE CHANGE AND FOOD SECURITY: A FRAMEWORK DOCUMENT	
DESCRIPTION	This paper takes a broader view and explores the multiple effects that global warming and climate change could have on food systems and food security. It also suggests strategies for mitigating and adapting to climate change in several key policy domains of importance for food security.
TOOL TYPE	Policy Framework
YEAR	2008
FOCUS	Food security and climate change
SCOPE	Global
REFERENCE/LINK	Food and Agriculture Organization of the United Nations, Rome 2008 www.fao.org/clim/index_en.htm
TOOL 3 CLIMATE CHANGE AND FOOD SECURITY IN THE PACIFIC	
DESCRIPTION	Policy Brief discussing food security and climate change in the Pacific and recommended actions to address food security in the face of climate change.
TOOL TYPE	Policy Brief
YEAR	2009
FOCUS	Food security and adaptation
SCOPE	Pacific Island countries
REFERENCE/LINK	ftp://ftp.fao.org/docrep/fao/012/i1262e/i1262e00.pdf
TOOL 4 FAO CLIMATE CHANGE WEB SITE	
DESCRIPTION	Web site focusing on the impacts of climate change on agricultural and fisheries. Provides links to numerous online resources.
TOOL TYPE	Web site
YEAR	2010
FOCUS	Climate change and food security
SCOPE	Global
REFERENCE/LINK	http://www.fao.org/climatechange/en/

TOOL 5 CLIMATE CHANGE AND FOOD SECURITY IN PACIFIC ISLAND COUNTRIES	
DESCRIPTION	Policy Brief prepared by the Secretariat of the Pacific Regional Environment Programme and University of the South Pacific, in cooperation with the FAO Sub-Regional Office for the South Pacific in Samoa. Prepared for High-level Conference on World Food Security: The challenges of climate change and bioenergy.
TOOL TYPE	Policy Brief
YEAR	2008
FOCUS	Climate change and food security
SCOPE	Pacific Island countries
REFERENCE/LINK	http://www.fao.org/fileadmin/user_upload/foodclimate/forum/CCandFSinPIC.pdf

CLIMATE CHANGE TOOLS

TOOL 6 CLIMATE CHANGE IN THE PACIFIC	
DESCRIPTION	Resource book discussing impacts and potential actions to combat climate change in the Pacific region.
TOOL TYPE	Book
YEAR	2003
FOCUS	Climate change impacts and actions in the Pacific
SCOPE	Pacific Islands
REFERENCE/LINKS	WWF Regional Office. Email: info@wwfpacific.org.fg

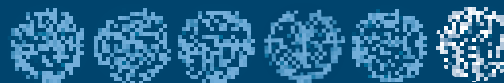
TOOL 7 THE COMPLETE GUIDE TO CLIMATE CHANGE	
DESCRIPTION	<p>Taking you through the A-to-Z of the key scientific, geographical and socio-political issues involved in the study of the environment and the implications of humankind's effect upon it, to PICTs covered include:</p> <ul style="list-style-type: none"> ~ Environmental Science – the Carbon Cycle and the "Greenhouse Gases" ~ The impacts of climate change on life, land and sea ~ Mitigation strategies from carbon capture to carbon taxes ~ The Kyoto Protocol and UNFCCC ~ Renewable fuel sources, from wind to solar power.
TOOL TYPE	Book
YEAR	2008
FOCUS	Climate change
SCOPE	Australia
REFERENCE/LINKS	B. Dawson & M. Spannagle (2008). Published by Routledge ISBN: 978-0-415-47790-1



TOOL 8 IPCC CLIMATE CHANGE SYNTHESIS REPORT 2007	
DESCRIPTION	Summarizes the findings of the three IPCC Working Group reports (Group I: Physical Science Basis; Group II: Impacts, Adaptation and Vulnerability; Group III: Mitigation of Climate Change) and provides a synthesis that specifically addresses the issues of concern to policy-makers in the domain of climate change.
TOOL TYPE	Report
YEAR	2007
FOCUS	Climate change science, adaptation and mitigation
SCOPE	Global
REFERENCE/LINK	IPCC, 2007. Climate change 2007: Synthesis Report. Contribution of Working Groups I, II and III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. IPCC, Geneva, Switzerland, 104 pp. http://www1.ipcc.ch/ipccreports/assessments-reports.htm
TOOL 9 IPCC CLIMATE CHANGE FOURTH ASSESSMENT REPORT: WORKING GROUP II REPORT ON "IMPACTS, ADAPTATION AND VULNERABILITY"	
DESCRIPTION	IPCC 4AR Working Group II includes chapters on climate change impacts and adaptation measures for SIDs and food production systems.
TOOL TYPE	Report
YEAR	2007
FOCUS	Climate change adaptation
SCOPE	Global
REFERENCE/LINK	Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, 2007 M.L. Parry, O.F. Canziani, J.P. Palutikof, P.J. van der Linden and C.E. Hanson (eds) Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA http://www.ipcc.ch/publications_and_data/ar4/wg2/en/contents.html
TOOL 10 COP 15 SYNTHESIS REPORT – CLIMATE CHANGE: GLOBAL RISKS, CHALLENGES & DECISIONS	
DESCRIPTION	Synthesis report prepared prior to COP 15 meeting in Copenhagen. Presents an up-to-date overview of a broad range of research relevant to climate change – including fundamentals climate science, the impacts of a changing climate on society and environment, and the many tools and approaches available to deal effectively with the challenge of climate change.
TOOL TYPE	Report
YEAR	2009
FOCUS	Climate Change
SCOPE	Global
REFERENCE/LINK	http://www.climatecongress.ku.dk

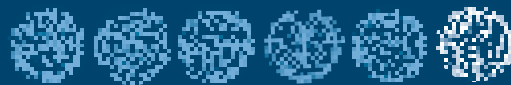
CLIMATE CHANGE ADAPTATION TOOLS

TOOL 11	SPREP CLIMATE CHANGE PORTAL & CLIMATE CHANGE FACTSHEETS
DESCRIPTION	Web site including numerous pages and factsheets discussing adaptation and mitigation issues and initiatives in the Pacific region.
TOOL TYPE	Web site
YEAR	2009
SCOPE	Pacific Region
REFERENCE/LINK	http://www.sprep.org/climate_change
TOOL 12	SURVIVING CLIMATE CHANGE IN SMALL ISLANDS – A GUIDEBOOK
DESCRIPTION	This guidebook provides information about the risks associated with climate change, as well as providing ideas, tools and techniques for those who need to start taking action today to prepare. It is primarily aimed at government officers who would like to learn more about climate change, its impacts and how to start preparing. Specifically, it has been written to facilitate incorporation of climate change into planning and development activities on small islands. The general approach described is also useful for other geographic locations; enabling any reader to apply the recommendations and develop their own climate change adaptation plans.
TOOL TYPE	Guidebook
YEAR	2005
FOCUS	Climate change adaptation
SCOPE	SIDS
REFERENCE/LINKS	http://www.tyndall.ac.uk
TOOL 13	UNFCCC LOCAL COPING STRATEGY DATABASE
DESCRIPTION	This database is intended to facilitate the transfer of long-standing coping strategies/mechanisms, knowledge and experience from communities that have had to adapt to specific hazards or climatic conditions to communities that may just be starting to experience such conditions, as a result of climate change.
TOOL TYPE	Web site
YEAR	2009
FOCUS	Adaptation
SCOPE	Contains limited Pacific-specific case studies but SIDS case studies included.
REFERENCE/LINK	UNFCCC Web site: http://maindb.unfccc.int/public/adaptation



TOOL 14 SHIFTING TIDES CLIMATE CHANGE ACTION KIT	
DESCRIPTION	This kit was conceived to raise awareness of the impacts of climate change on indigenous communities in Canada and in the South Pacific. Indigenous communities are particularly vulnerable to the social and economic impacts of climate change due to the nature of their subsistence-based economies and colonial histories.
TOOL TYPE	Web site
YEAR	2009
FOCUS	Mitigation
SCOPE	Canada and Pacific
REFERENCE/LINK	Pacific People's Partnership http://climatechange.pacificpeoplespartnership.org
TOOL 15 PACIFIC REGIONAL INTEGRATED SCIENCE AND ASSESSMENT (PACIFIC RISA)	
DESCRIPTION	Pacific RISA programme supports Pacific island and coastal communities to mitigate and adapt to the impacts of climate variability and change. The Pacific RISA emphasizes the engagement of communities, governments, and businesses in developing effective policies to build resilience in key sectors such as water resource management, coastal and marine resources, fisheries, agriculture, tourism, disaster management and public health.
TOOL TYPE	Web site
YEAR	2009
FOCUS	Mitigation and adaptation
SCOPE	The primary geographic focus of the Pacific RISA climate programme is the USA Pacific Islands (Hawaii, Guam, American Samoa, Northern Mariana Islands, Federated States of Micronesia, Marshall Islands, and Palau), networked with Pacific regional partners located in Fiji, Samoa, New Zealand, Australia and the USA mainland.
REFERENCE/LINK	East-West Centre Hawaii http://www.pacificrisa.org/cms
TOOL 16 GRID-ARENDAL	
DESCRIPTION	GRID-Arendal is a collaborating centre of the United Nations Environment Programme (UNEP). Established in 1989 by the Government of Norway as a Norwegian Foundation, its mission is to communicate environmental information to policy-makers and facilitate environmental decision-making for change.
TOOL TYPE	Web site
YEAR	2009
FOCUS	Mitigation with useful graphics
SCOPE	Global
REFERENCE/LINK	http://www.grida.no

TOOL 17	ASSESSING THE VULNERABILITY OF RURAL LIVELIHOODS IN THE PACIFIC TO CLIMATE CHANGE
DESCRIPTION	This report details a ten-month scoping study conducted to assess the relative vulnerability of rural livelihoods across PICTs to climate change. The study focuses on East Timor (Timor-Leste) and 15 PICTs (Federated States of Micronesia (FSM), Kiribati, Marshall Islands, Palau, Fiji, Nauru, Solomon Islands, Papua New Guinea, Vanuatu, Cook Islands, Niue, Samoa, Tokelau, Tonga, Tuvalu) and seeks to synthesize existing knowledge obtained from previous assessments of the vulnerability of rural livelihood stakeholders to climate change, together with context-specific knowledge contributed from stakeholders living in and around the Pacific, and working in the area of climate change.
TOOL TYPE	Report
YEAR	2009
FOCUS	Pacific Island countries
REFERENCE/LINK	Park, S., Howden, M., Booth, T., Stokes, C., Webster, T., Crimp, S., Pearson, L., Attard, S. Jovanovic, T. (2009). Assessing the vulnerability of rural livelihoods in the Pacific to climate change Prepared for the Australian Government Overseas Aid Programme (AusAID). CSIRO Sustainable Ecosystems, Canberra. http://www.rfdalliance.com.au/site/phase_1_-_climate_change_project_3.php
TOOL 18	ADAPTATION LEARNING MECHANISM
DESCRIPTION	The ALM draws from experiences on the ground, featuring tools and practical guidance to meet the needs of developing countries. Seeking to provide stakeholders with a common platform for sharing and learning, the ALM complements the wide range of adaptation knowledge networks and initiatives already underway. For example, the ALM is collaborating with the Nairobi Work Programme, particularly the "Methods and Tools" and "Planning and Practices" areas of work, and the interactive weADAPT platform.
TOOL TYPE	Web site
YEAR	2009
FOCUS	Climate change adaptation and knowledge transfer
SCOPE	Global
REFERENCE/LINK	http://adaptationlearning.net
TOOL 19	ECOSYSTEMS, LIVELIHOODS AND DISASTERS: AN INTEGRATED APPROACH TO DISASTER RISK MANAGEMENT
DESCRIPTION	This IUCN publication provides recommendations for making disaster risk reduction strategies more effective.
TOOL TYPE	Book
YEAR	2006
FOCUS	Disaster risk management
SCOPE	Global
REFERENCE/LINK	http://data.iucn.org/dbtw-wpd/edocs/CEM-004.pdf



TOOL 20 THE NIUE DECLARATION ON CLIMATE CHANGE

DESCRIPTION	The Niue Declaration on Climate Change was endorsed by Pacific leaders at the 39th Pacific Island Forum held in Niue in August 2008. It is a key document in the region's efforts to address climate change in the Pacific region.
TOOL TYPE	Declaration
YEAR	2008
FOCUS	Climate change
SCOPE	Pacific Island countries
REFERENCE/LINK	http://www.forumsec.org.fj/pages.cfm/newsroom/press-statements/2008/forum-leaders-endorse-niue-declaration-on-climate-change.html

TOOL 21 PACIFIC ISLANDS FRAMEWORK FOR ACTION ON CLIMATE CHANGE (PIFACC-2005) & ACTION PLAN FOR THE IMPLEMENTATION OF THE PACIFIC ISLANDS FRAMEWORK FOR ACTION ON CLIMATE CHANGE (2008)

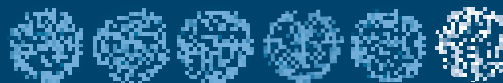
DESCRIPTION	Framework sets out issues and response measures to address climate change in the Pacific region.
TOOL TYPE	Regional framework
YEAR	2005/2008
FOCUS	Climate change adaptation and mitigation
SCOPE	Pacific region
REFERENCE/LINK	Secretariat of the Pacific Regional Environment Programme. www.sprep.org/climate_change/pycc/documents/PIFACC.pdf

PACIFIC FOOD SYSTEMS & ROOT CROP TOOLS

TOOL 22 SUSTAINABLE RUMINANT LIVESTOCK PRODUCTIONS IN THE SOUTH PACIFIC REGION

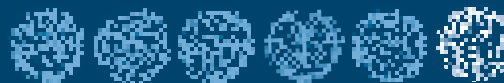
DESCRIPTION	Academic paper focusing on sustainable livestock production in the South Pacific region.
TOOL TYPE	Conference proceedings
YEAR	2001
FOCUS	Livestock production
SCOPE	Pacific Island countries
REFERENCE/LINK	Aregheore, E.M., Umar, M., and Adams E. (Eds) (2001) Sustainable Ruminant Livestock Productions in the South Pacific Region. Proceedings of an IRETA workshop. 25 June – 2 July 2001, Peninsula Hotel, Suva, Fiji. Published by the Institute for Research, Extension & Training in Agriculture (IRETA). University of the South Pacific, Alafua Campus, Samoa.

TOOL 23	FOOD PRODUCTION IN THE SOUTH PACIFIC
DESCRIPTION	Booklet provides an overview of traditional and modern food production systems in the Pacific.
TOOL TYPE	Academic paper
YEAR	1976
FOCUS	Pacific food production
SCOPE	Pacific Island countries
REFERENCE/LINK	Fisk, E.K., Hardaker, J.B. & Thaman, R.R. (1976). Food Production in the South Pacific. The R.W. Parkinson Memorial Lectures. The University of the South Pacific, Suva, Fiji Islands. Book 51 pp.
TOOL 24	AGRICULTURAL DEVELOPMENT IN THE PACIFIC ISLANDS IN THE 1990s
DESCRIPTION	Proceedings of a conference on agricultural development in the Pacific Islands in the 1990s.
TOOL TYPE	Academic paper
YEAR	1989
FOCUS	Sustainable agricultural development
SCOPE	Pacific region
REFERENCE/LINK	Haynes, R.J. & Naidu, R. (1989) Proceedings of an international conference and workshop held in Suva, Fiji on 31 March and 1 April 1989.
TOOL 25	THE REGIONAL IMPACTS OF CLIMATE CHANGE: AN ASSESSMENT OF VULNERABILITY
DESCRIPTION	Special report looks at the regional effects of climate change.
TOOL TYPE	Report
YEAR	1997
FOCUS	Vulnerability to climate change
SCOPE	Regional
REFERENCE/LINK	IPCC (1997). A Special Report of IPCC Working Group II. Published for the Intergovernmental Panel on Climate Change in November 1997.
TOOL 26	CLIMATE AND AGRICULTURE IN THE PACIFIC ISLANDS: FUTURE PERSPECTIVES
DESCRIPTION	Report looking at the vulnerability of agriculture to future climate variability.
TOOL TYPE	Report
YEAR	1993
FOCUS	Climate and agriculture
SCOPE	Pacific region
REFERENCE/LINK	IPS (1993) Edited by Aalbersberg, W. <i>et al.</i> , Institute of Pacific Studies (IPS), Suva, FIJI.



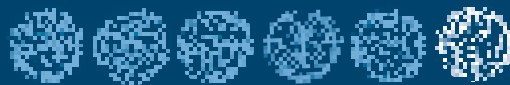
TOOL 27	AGROFORESTRY IN TROPICAL ISLANDS
DESCRIPTION	Proceedings of the Technical Meeting on Agroforestry in Tropical Islands.
TOOL TYPE	Meeting proceedings
YEAR	1988
FOCUS	Agroforestry
SCOPE	Pacific region
REFERENCE/LINK	IRETA (1988). Proceedings of the Technical Meeting on Agroforestry in Tropical Islands. Editor. Clements, R. Meeting held in IRETA, USP School of Agriculture, Western Samoa, 23-27 February, 1987. Published by Institute for Research, Extension & Training in Agriculture (IRETA), University for the South Pacific. Alafua Campus, Apia, Samoa.
TOOL 28	CROP CALENDAR SECOND EDITION: A FARMER'S GUIDE TO A BETTER HARVEST
DESCRIPTION	Crop calendar outlining optimal planting and harvesting times for a variety of Pacific crops.
TOOL TYPE	Crop calendar
YEAR	1997
FOCUS	Crop planting and harvesting
SCOPE	Fiji/region
REFERENCE/LINK	MAFF & ALTA (1997). Ministry of Agriculture, Fisheries, Forests and ALTA. Suva Fiji.
TOOL 29	PACIFIC AGROFORESTRY: AN INFORMATION KIT
DESCRIPTION	Comprehensive toolkit for Pacific agroforestry.
TOOL TYPE	Toolkit
YEAR	1999
FOCUS	Agroforestry
SCOPE	Pacific Island countries
REFERENCE/LINK	PRAP (1999). Eds Rogers, S. & Thorpe, P. Publish by the Pacific Regional Agricultural Programme (PRAP), Suva, Fiji Islands. ISBN 982-343-038-1.
TOOL 30	ATOLL AGRICULTURE FOR SECONDARY SCHOOLS. SOILS AND MAJOR AGRICULTURAL CROPS OF MICRONESIA
DESCRIPTION	Useful curriculum resource on crop production and soil resources of Micronesia.
TOOL TYPE	Secondary school course book
YEAR	1983
FOCUS	Agricultural crops
SCOPE	Micronesia
REFERENCE/LINK	Soucie, E.A. (1983). Pats Educational Foundation of Micronesia Inc. Book. 243 pp.

TOOL 31	AGRICULTURE IN THE COOK ISLANDS: NEW DIRECTIONS
DESCRIPTION	Book looking at agricultural systems and production in the Cook Islands.
TOOL TYPE	Book
YEAR	1993
FOCUS	Agriculture
SCOPE	Cook Islands
REFERENCE/LINK	Syed, S. & Mataio, N. (1993). Institute of Pacific Studies (IPS) and the Cook Islands Centre of the University of the South Pacific. Book 152 pages.
TOOL 32	PACIFIC ISLAND AGROBIODIVERSITY AND ETHNOBIODIVERSITY: A FOUNDATION FOR SUSTAINABLE PACIFIC ISLAND LIFE
DESCRIPTION	Paper discussing the importance of agrobiodiversity and ethnobiodiversity for sustainable development in the Pacific region.
TOOL TYPE	Academic paper
YEAR	2008
FOCUS	Agrobiodiversity & ethnobiodiversity
SCOPE	Pacific Island countries
REFERENCE/LINK	Thaman, R.R. (2008). Pacific Island agrobiodiversity and ethnobiodiversity: A foundation for sustainable Pacific Island life. <i>Biodiversity</i> , 9: 1 & 2. 102-110.
TOOL 33	DETERIORATION OF TRADITIONAL FOOD SYSTEMS, INCREASING MALNUTRITION AND FOOD DEPENDENCY IN THE PACIFIC ISLANDS
DESCRIPTION	Paper discussing the deterioration of traditional food systems and its impacts on Pacific Island countries.
TOOL TYPE	Academic paper
YEAR	1982
FOCUS	Traditional food systems
SCOPE	Pacific Island countries
REFERENCE/LINK	Thaman, R.R. (1982). <i>Journal of Food and Nutrition</i> . 39:3, pp 109-121.
TOOL 34	IMPROVEMENT AND DEVELOPMENT OF TRADITIONAL FARMING SYSTEMS FOR THE SOUTH PACIFIC
DESCRIPTION	Workshop proceedings looking at traditional farming systems in Pacific Island countries.
TOOL TYPE	Academic paper
YEAR	2001
FOCUS	Traditional farming systems
SCOPE	Pacific Island countries
REFERENCE/LINK	USP/IRETA (2001). Proceedings of an IRETA workshop. 218-22 October 1999, IRETA, USP Alafua Campus. Published by the Institute for Research, Extension & Training in Agriculture (IRETA).



TOOL 35	CONSENSUS REPORT CLIMATE CHANGE AND BIODIVERSITY IN MELANESIA: WHAT DO WE KNOW?
DESCRIPTION	Report overviews the state of scientific knowledge regarding Melanesia's marine and terrestrial ecosystems and suggests best estimates for the impact that global climate change may have on the region's biodiversity, concluding with a set of recommended guidelines for conservation strategies that are implicit or explicit in the individual reports.
TOOL TYPE	Report
YEAR	2009
FOCUS	Climate change impacts on Melanesian biodiversity
SCOPE	Melanesia
REFERENCE/LINK	Leisz, S., Burnett, B and Allison A. 2009 Bishop Museum http://www2.bishopmuseum.org/ccbm/Areas/Melanesia/Papers
TOOL 36	ASSESSING TSUNAMI DAMAGE TO INDIAN OCEAN MPA'S: EFFORTS UNDERWAY TO FIND ANSWERS AMID CHAOS
DESCRIPTION	Article assesses tsunami damage to mangroves in the Indian Ocean.
TOOL TYPE	Article
YEAR	2005
FOCUS	Mangroves and tsunamis
SCOPE	Indian Ocean
REFERENCE/LINK	MPA News (2005). MPA News 6(7). http://mangroveactionproject.org
TOOL 37	A MULTI-SCALE ASSESSMENT OF HURRICANE IMPACTS ON AGRICULTURAL LANDSCAPES BASED ON LAND USE AND TOPOGRAPHIC FEATURES
DESCRIPTION	Academic paper looking at the impact of hurricanes on agricultural landscapes.
TOOL TYPE	Report
YEAR	2008
FOCUS	Hurricane impacts
SCOPE	Global
REFERENCE/LINK	Philpott <i>et al.</i> (2008). <i>Agricultural Systems and Environment</i> – June 2008.
TOOL 38	THE ENVIRONMENTAL FOOD CRISIS – THE ENVIRONMENTS ROLE IN AVERTING FUTURE FOOD CRISIS
DESCRIPTION	Book outlining the environment's role in averting future food crises.
TOOL TYPE	Book
YEAR	2009
FOCUS	Food security
SCOPE	Global
REFERENCE/LINK	http://www.grida.no/publications/rr/food-crisis/ebook.aspx

TOOL 39	MILLENNIUM ECOSYSTEM ASSESSMENT
DESCRIPTION	The Millennium Ecosystem Assessment assessed the consequences of ecosystem change for human wellbeing. From 2001 to 2005, the MA involved the work of more than 1 360 experts worldwide. Their findings provide a state-of-the-art scientific appraisal of the condition and trends in the world's ecosystems and the services they provide, as well as the scientific basis for action to conserve and use them sustainably.
TOOL TYPE	Report
YEAR	2005
FOCUS	Ecosystem change
SCOPE	Global
REFERENCE/LINK	http://www.millenniumassessment.org/en/Index.aspx
TOOL 40	AGRICULTURE, FORESTRY AND CLIMATE CHANGE
DESCRIPTION	Policy brief on agriculture, forestry and climate change in the Pacific.
TOOL TYPE	Policy brief
YEAR	7/2009
FOCUS	Climate change
SCOPE	Pacific Island countries
REFERENCE/LINK	Secretariat for the Pacific Community http://www.spc.int/sppu/images/stories/policy%20brief_7.pdf
TOOL 41	TECHNOLOGY FOR AGRICULTURE (TECA)
DESCRIPTION	TECA is an FAO initiative to improve access to information and knowledge about available proven technologies in order to enhance their adoption in agriculture, livestock, fisheries and forestry and thus contribute to food security, poverty alleviation and sustainable development.
TOOL TYPE	Web site
YEAR	2009
FOCUS	Developing nations
SCOPE	Developing nations
REFERENCE/LINK	http://www.fao.org/teca
TOOL 42	PACIFIC AGRICULTURAL TRADERS HANDBOOK (PATH)
DESCRIPTION	PATH is an online tool developed to facilitate agricultural exports from the Pacific Islands to New Zealand. PATH provides a wealth of information for Pacific exporters, including New Zealand market reports, advice from New Zealand importers on achieving maximum growth and profit as well as market insights for Pacific growers and exporters of produce including taro, ginger, vanilla, papayas, mangoes and more.
TOOL TYPE	Web site
YEAR	2009
FOCUS	Developing nations
SCOPE	Developing nations
REFERENCE/LINK	http://www.path2nz.com



TOOL 43	IFOAM WEB SITE
DESCRIPTION	Comprehensive searchable Web site for the International Federation of Organic Agriculture Movements (IFOAM). It is a grassroots and democratic organization that currently unites 750 member organizations in 108 countries.
TOOL TYPE	Web site
YEAR	2009
FOCUS	Organic farming
SCOPE	Global
REFERENCE/LINK	http://www.ifoam.org
TOOL 44	SOUTH PACIFIC FOOD LEAFLETS 1 TO 18
DESCRIPTION	Leaflets on various key food crops in the Pacific.
TOOL TYPE	Information sheets
YEAR	1980
FOCUS	Food preparation and nutrition
SCOPE	Pacific region
REFERENCE/LINKS	Published by the South Pacific Commission http://www.fao.org/Wairdocs/X5425E/X5425E00.htm#Contents
TOOL 45	TRADITIONAL DISASTER REDUCTION IN PACIFIC ISLAND COMMUNITIES
DESCRIPTION	Report looking at traditional disaster risk reduction strategies used by Pacific Island countries.
TOOL TYPE	Report
YEAR	2006
FOCUS	Disaster risk reduction
SCOPE	Pacific Island countries
REFERENCE/LINK	Authored by Campbell, J. R., GNS Science Report 2006/38 46 p http://www.gns.cri.nz/services/hazardsplanning/downloads/SR2006-038trad_mitigation_pacific.pdf
TOOL 46	THE AgNIC TRADITIONAL PACIFIC ISLAND CROPS WEB SITE
DESCRIPTION	The AgNIC Traditional Pacific Island Crops pages are the University of Hawaii at Manoa Library's contribution to the Agriculture Network Information Center (AgNIC) project coordinated by the National Agricultural Library, USDA. The goal is to provide links to quality World Wide Web resources that deal with the production, marketing and research aspects of 12 important traditional Pacific Island crops. Related marketing and statistical sites, databases, and other reference sources are also included.
TOOL TYPE	Web site
YEAR	2010
FOCUS	Pacific agriculture
SCOPE	Pacific Island countries
REFERENCE/LINK	http://libweb.hawaii.edu/libdept/scitech/agnic/index.html

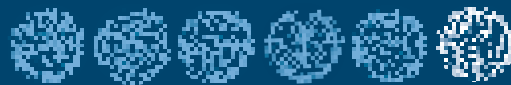
INVASIVE SPECIES TOOLS

TOOL 47	GUIDELINES FOR INVASIVE SPECIES MANAGEMENT IN THE PACIFIC
DESCRIPTION	A Pacific strategy for managing pests, weeds and other invasive species.
TOOL TYPE	Guidebook
YEAR	2009
FOCUS	Invasive species
SCOPE	Pacific region
REFERENCE/LINK	Guidelines for invasive species management in the Pacific: a Pacific strategy for managing pests, weeds and other invasive species / compiled by Alan Tye – Apia Samoa: SPREP 2009, 20 p. ISBN 978-982-04-0388-8

TOOL 48	PACIFIC INVASIVES LEARNING NETWORK (PILN)
DESCRIPTION	Multi-partner peer learning network aimed at combating the invasive species in the Pacific region.
TOOL TYPE	Peer learning network
YEAR	2 year pilot launched in 2006
FOCUS	Invasive species
SCOPE	Pacific region
REFERENCE/LINK	www.sprep.org/piln/ Email: piln@sprep.org

FISHERIES & MARINE ECOSYSTEMS TOOLS

TOOL 49	PRELIMINARY ASSESSMENT OF THE EFFECTS OF CLIMATE CHANGE ON FISHERIES AND AQUACULTURE IN THE PACIFIC
DESCRIPTION	Brief report that outlines how the climate of the Pacific is projected to change, how climate change has affected fisheries elsewhere in the world, and how it is expected to affect fisheries and aquaculture in the Pacific. The emphasis is on the implications for economies PICTs.
TOOL TYPE	Appendix 4 to report by the Asian Development Bank "Fisheries in the Economies of the Pacific Island Countries and Territories".
YEAR	2009
FOCUS	Fisheries and climate change adaptation
SCOPE	PICTs
REFERENCES	http://www.spc.int/sppu/images/stories/preliminary%20assessment.pdf



TOOL 50 PLANNING THE USE OF FISH FOR FOOD SECURITY IN THE PACIFIC

DESCRIPTION	Paper outlining the role of fisheries resources for Pacific food security.
TOOL TYPE	Academic policy paper
YEAR	2009
FOCUS	Food security and Pacific fisheries
SCOPE	PICTs
REFERENCES	Authored by Bell <i>et al.</i> Marine Policy 22 (2009). 64-69

TOOL 51 THE PACIFIC PLAN

DESCRIPTION	The Pacific Plan was endorsed by Forum Leaders at the Pacific Islands Forum meeting in Port Moresby, October 2005. As a "living document", it now forms the basis of ongoing strengthening of regional cooperation and integration efforts for the benefit of the people of the Pacific.
TOOL TYPE	Regional strategy
YEAR	2007
FOCUS	Pacific development and collaboration
SCOPE	Pacific Island countries
REFERENCE/LINK	http://www.forumsec.org.fj/pages.cfm/about-us/the-pacific-plan

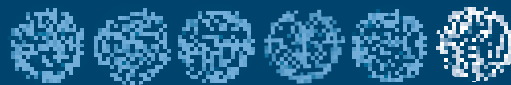
TOOL 52 THE VAVA'U DECLARATION ON PACIFIC FISHERIES RESOURCES

DESCRIPTION	High-level declaration on the challenges and issues for Pacific fisheries.
TOOL TYPE	Pacific leaders' declaration
YEAR	2007
FOCUS	Pacific fisheries
SCOPE	PICTs
REFERENCE/LINK	http://www.forumsec.org.fj

TOOL 53 FISH AND FOOD SECURITY – POLICY BRIEF 1/2008

DESCRIPTION	Policy brief on the role fish plays in food security in Pacific Island countries.
TOOL TYPE	Policy brief
YEAR	2008
FOCUS	Fish and food security
SCOPE	Pacific Island countries
REFERENCE/LINK	http://www.spc.int

TOOL 54	FISHERIES IN THE ECONOMIES OF THE PACIFIC ISLAND COUNTRIES AND TERRITORIES
DESCRIPTION	This report updates and expands on the 2001 report: "The Contribution of Fisheries to the Economies of Pacific Island Countries". The focus of that publication was the contribution of fishing to gross domestic product (GDP) and it provided an independent estimate of that contribution. In the present report, the scope is expanded to include Pacific Island territories, aquaculture and freshwater fisheries, and some important factors likely to affect the flow of benefits from fisheries in the future.
TOOL TYPE	Report
YEAR	2009
FOCUS	The economics of fishing in PICTs
SCOPE	Pacific region
REFERENCE/LINK	http://www.adb.org/documents/studies/pacific-fisheries/default.asp
TOOL 55	A SHORT HISTORY OF INDUSTRIAL FISHING IN THE PACIFIC ISLANDS
DESCRIPTION	This document presents a summary and review of the development of industrial fisheries in the Pacific Islands. RAP PUBLICATION 2007/22.
TOOL TYPE	Booklet
YEAR	2007
FOCUS	Commercial fishing in the Pacific
SCOPE	Pacific region
REFERENCE/LINK	ftp://ftp.fao.org/docrep/fao/010/ai001e/ai001e00.pdf Email: FAO-RAP@fao.org
TOOL 56	FISHERIES AND CLIMATE CHANGE
DESCRIPTION	Preliminary policy brief on fisheries and climate change in the Pacific.
TOOL TYPE	Policy brief
YEAR	2008
FOCUS	Climate change and fisheries
SCOPE	Pacific Island countries
REFERENCE/LINK	http://www.spc.int
TOOL 57	FAO FISHERIES WEB SITE
DESCRIPTION	Comprehensive Web site linking many resources, policies and reports related to global fisheries.
TOOL TYPE	Web site
YEAR	2010
FOCUS	Multiple
SCOPE	Global
REFERENCE/LINK	http://www.fao.org/fishery/ccrf/en



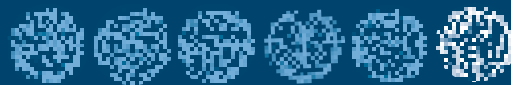
TOOL 58	PIMRIS PORTAL
DESCRIPTION	The PIMRIS Portal is described as a one-stop Web site for all Pacific marine fisheries information.
TOOL TYPE	Web site
YEAR	2010
FOCUS	Marine fisheries
SCOPE	Pacific Island countries
REFERENCE/LINK	http://www.pimrisportal.org

TOOL 59	BUILDING ADAPTIVE CAPACITY TO CLIMATE CHANGE: POLICIES TO SUSTAIN LIVELIHOODS AND FISHERIES
DESCRIPTION	A policy brief series on building the adaptive capacity of fisheries to climate change.
TOOL TYPE	Policy briefs
YEAR	2007
FOCUS	Fisheries and livelihoods
SCOPE	Global
REFERENCE/LINK	New Directions in Fisheries, a series of policy briefs on development issues. Number 8 http://www.sflp.org/briefs/eng/policybriefs.html

TOOL 60	FAO FISHERIES AND AQUACULTURE – A MISSION FOR GLOBAL RESPONSIBLE DEVELOPMENT AND USE OF FISHERIES AND AQUACULTURE
DESCRIPTION	This booklet provides a global overview of role of fisheries and aquaculture in food security, livelihoods and trade.
TOOL TYPE	Booklet
YEAR	2007
FOCUS	Fisheries
SCOPE	Global
REFERENCE/LINK	ftp://ftp.fao.org/Fl/brochure/Fisheries.../2007/a1014e.pdf

AQUACULTURE

TOOL 61	THE ECOSYSTEM APPROACH TO COASTAL FISHERIES AND AQUACULTURE IN PACIFIC ISLAND COUNTRIES AND TERRITORIES
DESCRIPTION	This booklet, authored by Gary Preston, presents key information on aspects of the "Ecosystem Approach to Coastal Fisheries and Aquaculture", based on a study carried out by the Secretariat of the Pacific Community (SPC) and The Nature Conservancy (TNC).
TOOL TYPE	Booklet
YEAR	2009
FOCUS	Ecosystem-based approach to Pacific fisheries in Pacific Island countries and territories
SCOPE	Sustainability and adaptation
REFERENCE/LINK	http://conserveonline.org/ Email: PublicationsSection@spc.int
TOOL 62	FISHERIES AND AQUACULTURE IN OUR CHANGING CLIMATE
DESCRIPTION	Policy brief prepared by PaCFA, which is a voluntary global-level initiative among 18 international organizations and sector bodies with a common concern for climate change interactions with global waters, living resources and their social and economic consequences.
TOOL TYPE	Policy brief
YEAR	2009
FOCUS	Climate change and fisheries
SCOPE	Global
REFERENCE/LINK	ftp://ftp.fao.org/FI/PaCFA/PressRelease_dec_09.pdf
TOOL 63	SPC AQUACULTURE PORTAL
DESCRIPTION	Web site provides a forum dedicated to promoting a regional framework for sustainable aquaculture, in the areas of planning, research, development and trade, for Pacific Island governments, private enterprises and other stakeholders.
TOOL TYPE	Web site
YEAR	2010
FOCUS	Aquaculture
SCOPE	Pacific Island countries
REFERENCE/LINK	https://spc.int/aquaculture/index.php?limitstart=10



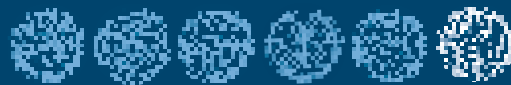
TOOL 64 A REVIEW OF AQUACULTURE IN THE PACIFIC ISLANDS 1998-2007	
DESCRIPTION	A review of aquaculture in the Pacific carried out by the Secretariat of the Pacific Community (SPC) on behalf of its 22 Pacific Island member countries. Authored by Ben Ponia, it establishes that aquaculture has an important role in diversifying trade, increasing capacity for fisheries production, and contributing to rural development in the Pacific.
TOOL TYPE	Review
YEAR	2010
FOCUS	Aquaculture review, statistics, production volumes, aquaculture values
SCOPE	Pacific region
REFERENCE/LINK	http://www.spc.int/aquaculture

TOOL 65 AQUACULTURE ACTION PLAN 2007 (SECRETARIAT OF THE PACIFIC COMMUNITY, SPC)	
DESCRIPTION	The SPC Aquaculture Action Plan 2006 is a vehicle for taking SPC members and partners one step closer to fulfilling the potential of aquaculture in the region. It outlines the importance of aquaculture to the Pacific, the sector as it is today, the commodities that will carry it forward, and the actions required to get there.
TOOL TYPE	Action plan
YEAR	2006/2007
FOCUS	Aquaculture Oceania, coastal fisheries
SCOPE	Pacific region
REFERENCE/LINK	http://www.spc.int/aquaculture

CORAL REEFS

TOOL 66 FROM MANGROVES TO CORAL REEFS	
DESCRIPTION	Handbook, authored by Micheal King, about marine and coastal ecosystems in the Pacific Islands region.
TOOL TYPE	Handbook
YEAR	2004
FOCUS	Marine ecosystems in the Pacific Islands
SCOPE	Pacific Island countries
REFERENCES	www.sprep.org.ws . Published by SPREP, Apia, SAMOA.

TOOL 67	CORAL REEFS AND GLOBAL CLIMATE CHANGE: POTENTIAL CONTRIBUTIONS OF CLIMATE CHANGE TO STRESSES ON CORAL REEF ECOSYSTEMS
DESCRIPTION	An academic paper focusing on climate change and coral reefs.
TOOL TYPE	Academic paper
YEAR	2004
FOCUS	Coral reefs
SCOPE	Global
REFERENCE/LINK	Buddemeier, R.W., J.A. Kleyvas, R.B. Aronson. (2004). Prepared for the Pew Center of Global Climate Change.
TOOL 68	CONSERVING MELANESIA'S CORAL REEF HERITAGE IN THE FACE OF CLIMATE CHANGE
DESCRIPTION	An academic paper looking at the pending impact of climate change on coral reefs in Melanesia.
TOOL TYPE	Academic paper
YEAR	2008
FOCUS	Coral reefs and climate change
SCOPE	Melanesia
REFERENCE/LINK	Foale, S.J. (2008). Historic Environment. Vol. 21:1.
TOOL 69	CORAL REEF RESILIENCE & RESISTANCE TO BLEACHING
DESCRIPTION	A Global marine programme working paper looking at the relationship between climate change, coral bleaching and coral reef degradation.
TOOL TYPE	Working paper
YEAR	2005
FOCUS	Coral reef resilience
SCOPE	Global
REFERENCE/LINK	Grimsditch, G.D., Selm, S.V. (2005). IUCN, Gland, Switzerland, 50 pp.
TOOL 70	IN THE FRONTLINE: SHORELINE PROTECTION AND OTHER ECOSYSTEM SERVICES FROM MANGROVES AND CORAL REEFS
DESCRIPTION	A report looking at the role of mangroves and coral reefs in protecting shorelines.
TOOL TYPE	Report
YEAR	2006
FOCUS	Ecosystem services of mangroves and coral reefs
SCOPE	Global
REFERENCE/LINK	Wells, S., C. Ravilious, E. Corcoran. (2006). UNEP World Conservation Monitoring Centre.



TOOL 71	CORAL REEFS & CLIMATE CHANGE
DESCRIPTION	Two-page factsheet outlining the impact of climate change on Pacific coral reefs.
TOOL TYPE	Factsheet
YEAR	2009
FOCUS	Climate change and Pacific coral reefs
SCOPE	Pacific Island countries
REFERENCE/LINK	SPREP Factsheet No. PYCC-002. Email: sprep@sprep.org . http://www.sprep.org/factsheets

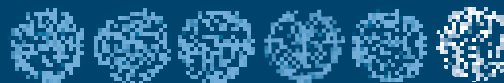
TOOL 72	CLIMATE CHANGE AND THE FUTURE OF CORAL REEF FISHES
DESCRIPTION	A paper investigating how climate change will impact coral reef fishes through effects on individual performance, trophic linkages, recruitment dynamics, population connectivity and other ecosystem processes.
TOOL TYPE	Academic paper
YEAR	2007
FOCUS	Climate change and coral reef fishes
SCOPE	Global
REFERENCE/LINK	Munday <i>et al.</i> (2008). <i>Fish and Fisheries</i> Vol. 9, pp. 261-285.

TOOL 73	CORAL REEFS UNDER RAPID CLIMATE CHANGE AND OCEAN ACIDIFICATION
DESCRIPTION	This review presents future scenarios for coral reefs that predict increasingly serious consequences for reef-associated fisheries, tourism, coastal protection and people.
TOOL TYPE	Academic paper
YEAR	2008
FOCUS	Climate change and ocean acidification
SCOPE	Global
REFERENCE/LINK	Hoegh-Guldberg <i>et al.</i> (2007). <i>Science</i> Vol. 318, pp. 1737- 1742.

TOOL 74	COASTS OF PACIFIC ISLANDS
DESCRIPTION	This booklet provides information on the coasts of Pacific Island countries.
TOOL TYPE	Booklet
YEAR	1996
FOCUS	Pacific coasts
SCOPE	Pacific Island countries
REFERENCE/LINK	SOPAC Miscellaneous Report 222

MANGROVES

TOOL 75 MANGROVES IN A CHANGING CLIMATE AND RISING SEA	
DESCRIPTION	Report on impact of climate change on mangrove ecosystems in the Pacific. This publication was prepared by UNEP in cooperation with the Secretariat of the Pacific Regional Environment Programme (SPREP) and Western Pacific Regional Fishery Management Council (WPRFMC). UNEP and WPRFMC provided financial support for the research on which the content of this publication is based.
TOOL TYPE	Report
YEAR	2006
FOCUS	Mangroves
SCOPE	Pacific
REFERENCE/LINK	Gilman, E. <i>et al.</i> (2006). Pacific Island Mangroves in a Changing Climate and Rising Sea. UNEP Regional Seas Reports and Studies No. 179. United Nations Environment Programme, Regional Seas Programme, Nairobi, Kenya. www.unep.org
TOOL 76 PROCEEDINGS OF THE PACIFIC REGIONAL WORKSHOP ON MANGROVE WETLAND PROTECTION AND SUSTAINABLE USE	
DESCRIPTION	Proceedings of Pacific Regional Workshop looking at the sustainable use and protection of mangroves and wetlands (held in Suva, Fiji, 12-16 June 2001).
TOOL TYPE	Conference proceeding
YEAR	2002
FOCUS	Mangroves and wetlands
SCOPE	Pacific region
REFERENCE/LINK	Published by SPREP. Email: sprep@sprep.org
TOOL 77 THREATS TO MANGROVES FROM CLIMATE CHANGE AND ADAPTATION OPTIONS	
DESCRIPTION	Academic paper focusing on the impacts of climate change on mangroves and appropriate adaptation measures.
TOOL TYPE	Academic paper
YEAR	December 2007.
FOCUS	Mangroves and climate change adaptation
SCOPE	Global
REFERENCE/LINK	Gilman <i>et al.</i> (2007), Aquatic Botany



TOOL 78	MANGROVE ACTION PROJECT
DESCRIPTION	The Mangrove Action Project is dedicated to reversing the degradation and loss of mangrove forest ecosystems worldwide. Its main goal is to promote the rights of traditional and indigenous coastal peoples, including fishers and farmers, to manage their coastal environs sustainably.
TOOL TYPE	Project and Web site
YEAR	2000
FOCUS	Mangrove restoration
SCOPE	Global
REFERENCE/LINK	http://mangroveactionproject.org

TOOL 79	VALUING MANGROVE CONSERVATION IN SOUTHERN THAILAND
DESCRIPTION	Academic paper investigating the economic valuation of mangroves.
TOOL TYPE	Academic paper
YEAR	2001
FOCUS	Mangrove conservation
SCOPE	Southern Thailand
REFERENCE/LINK	Suthawan & Barbier (2001). <i>Contemporary Economic Policy</i> Vol. 19, No.2: 109–122.

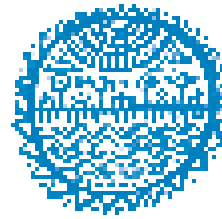
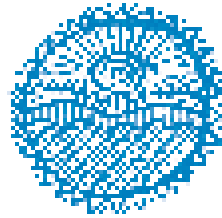
SEAGRASSES TOOLS

TOOL 80	ACCELERATING LOSS OF SEAGRASSES ACROSS THE GLOBE THREATENS GLOBAL ECOSYSTEMS
DESCRIPTION	Academic paper outlining the role of and the global loss of seagrass ecosystems.
TOOL TYPE	Academic paper
YEAR	2009
FOCUS	Seagrasses
SCOPE	Global
REFERENCE/LINK	Waycott <i>et al.</i> (2009). <i>PNAS</i> Early Edition - May 2009.

TOOL 81	THE FUTURE OF SEAGRASS MEADOWS
DESCRIPTION	Academic paper looking at the future sustainability of seagrass meadows.
TOOL TYPE	Academic paper
YEAR	2002
FOCUS	Seagrass and climate change
SCOPE	Global
REFERENCE/LINK	Duarte, C (2002). <i>Environmental Conservation</i> 29 (2) pp192–206.

TOOL 82	A GLOBAL CRISIS FOR SEAGRASS ECOSYSTEMS
DESCRIPTION	Overview of seagrass ecosystems and future environmental impacts.
TOOL TYPE	Academic paper
YEAR	2006
FOCUS	Seagrass ecosystems
SCOPE	Global
REFERENCE/LINK	Orth, R.J. <i>et al.</i> (2006) Bioscience – December 2006/Vol 56 No. 12.

TOOL 83	RECOGNIZING THE NECESSITY FOR INDO-PACIFIC SEA GRASS CONSERVATION
DESCRIPTION	Paper focusing on the need for the conservation of seagrass in the Indo-Pacific region.
TOOL TYPE	Academic paper
YEAR	2010
FOCUS	Seagrass conservation
SCOPE	Indo-Pacific
REFERENCE/LINK	Unsworth, R.K.F. & Cullen, L.C. (2010). Conservation Letters 00:1-11.



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