

Climate Change Data and Information Stocktake – Republic of Palau

Final Report

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Pacific Community & SPREP, 2017

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Acronyms

ACSE	Adapting to Climate Change and Sustainable Energy
CCDRM	Climate Change and Disaster Risk Management
EQPB	Environmental Quality and Protection Board
IRENA	International Renewable Energy Agency
ISACC	Institutional Strengthening in Pacific Islands Countries to Adapt to Climate Change
NWS	National Weather Service
PALARIS	Palau Automated Land And Resource Information System
PAN	Protected Areas Network
SPREP	Secretariat of the Pacific Regional Environment Programme
UNA	User Needs Assessment
USAID	United States Agency for International Development

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1. Introduction

Palau has recently formalised national arrangements for the implementation of the USAID/SPC ISACC Project. The goal of the ISACC project is to strengthen the national institutional capacity of countries to effectively plan for, coordinate and respond to the adverse impacts of climate change. Based on consultations at the national level, one of the priorities for the project's support in Palau is to document and disseminate lessons for accessing and managing multisector climate financed projects/programmes through strengthening national knowledge management systems and processes.

Furthermore, the recent Climate Change and Disaster Risk Finance Assessment undertaken in Palau, supported by the ISACC project, identified a number of challenges around dissemination of information on funding opportunities to relevant stakeholders, as well as coordination issues across government entities involved in CCDRM work. These challenges are not unique to Palau, as outlined in the Griffith University and SPREP Report, *Barriers to effective adaptation and resilience planning in the Pacific: an information management perspective* produced in 2015. Nevertheless, effectively addressing Information Knowledge Management (IKM) issues at the national level is becoming increasingly important as Pacific Island Countries (PICs) increase their capacity for multisector and multi-stakeholder adaptation and resilience planning.

2. Background

Given that information is currently available in different sectors related to CC, DRR and Climate Finance it would be more effective to structure a system that provides a platform for awareness (of information available), management and sharing of information, to better coordinate national CCDRM work. This activity will also build on recent support provided through the UNDP *Mainstreaming global environmental priorities into national policies and programmes* project (also known as the CB2 project), which has focused on strengthening environmental reporting and information management within key agencies such as PALARIS and EQPB.

As such, the ISACC Project is providing support to strengthen national knowledge management systems and processes through:

- Supporting the Office of Climate Change, within the Bureau of Budget and Planning, to establish an online information system for all climate change (CC), climate finance (CF) and disaster risk reduction (DRR) related information, including funding opportunities; and
- Supporting strengthened processes for information sharing, for more effective CC and DRM outcomes

This work is undertaken in partnership with the Secretariat of the Pacific Regional Environment Programme (SPREP), who have been working with a number of countries to support climate change related information knowledge management (IKM) strengthening and house the Pacific Climate Change Portal. This work also builds on SPREP's collaboration with the DFAT funded Pacific iCLIM project (Phase 1 and 2), which supports the implementation of a regional approach to climate change information and knowledge management throughout the Pacific.

3. Stocktake Purpose

Objectives:

The objectives of the data and information stocktake and the user needs assessment are:

1. Investigate and document what data and information assets (related to climate change and disaster risk reduction, planning and decision making thereof) currently exist or are in development and where these are held (i.e. within Government Departments, semi-government agencies and non-governmental organisations);
2. Explore how those data and information assets are currently stored and shared;
3. Identify the contact point for these information assets;
4. Identify the flow of information in government and current national policies and standards related to information sharing;
5. Identify current challenges for information sharing and opportunities for improvement through a centralised information system;
6. Identify the priority climate change related information needs of national users;
7. Identify the most appropriate option for an information system (e.g. portal, database, website) for CC, CF and DRR information, based on user needs and information priorities; and
8. Provide options for strengthened IKM and sharing in Palau for CC, CF and DRR.

4. Stocktake scope

Scope of Work

1. National Stocktake:
 - 1.1. Undertaking a national stocktake of CC, CF and DRR related data and information sources currently in existence or being developed within Palau, utilising the Data and Information Stocktake Spreadsheet (attached as Annex 1).
 - 1.2. The stocktake shall be completed and validated through face-to-face meetings with nominated data custodians within government ministries and other organisations and at a National IKM Stakeholder Workshop.

5. Methodology

Interviews were conducted with the various stakeholders in Palau. Stakeholders were chosen based on their role as likely or known producers of information relevant to climate change activities at a national level. Choice of stakeholders was based on recommendations from ISACC project team members as per their experience with the Climate Finance Assessment in the relevant climate change government office, as well as in discussion with the Office of Climate Change and the Office of Project Management in Palau.

A list of interviewees are included in Annex I of this report. A template to guide the interview questions and an excel spreadsheet to record the information was developed. The template is available as Annex II of this report.

Ministry/Department or Organisation
Government Ministries
1. Ministry of Finance a. Bureau of Budget & Planning i. Office of Climate Change ii. Palau Automated Land And Resource Information System iii. National Environmental Protection Council b. Information Systems Support Services
2. Ministry of Community and Cultural Affairs a. Bureau of Youth, Applied Arts and Career b. Bureau of Aging, Disability and Gender c. Bureau of Cultural and Historical Preservation
3. Ministry of Education a. Health and Science Department
4. Ministry of Health a. Public Health & Science
5. Ministry of Natural Resources, Environment and Tourism a. Bureau of Agriculture b. Bureau of Marine Resources c. Bureau of Tourism d. Palau National Marine Sanctuary
6. Ministry of Public Infrastructure, Industries & Commerce a. Bureau of Commercial Development b. Palau Energy Administration c. Bureau of Public Works
7. Ministry of State a. Bureau of Foreign Affairs and Trade
8. National Emergency Management Office
9. National Environment Quality & Protection Board
10. National Weather Service Office
11. Office of the President a. Grants Office
Non-governmental Organisations
12. Belau Tourism Association
13. Global Environment Fund Small Grants Program
14. Pacific Resources for Education and Learning
15. Palau Community College
16. Palau International Coral Reef Centre
17. National Development Bank of Palau
18. The Nature Conservancy
19. Coral Reef Research Foundation
20. USP/GCCA Project
21. The Japanese Embassy

Interviewees were visited by SPREP and SPC officers (Makelesi Gonelevu and Lisa Buggy) along with representatives from the Office of Climate Change, Xavier Erbai Matsutaro and Joe Aitaro, and the Office of Project Management, Kate Oiph. A draft data registry was circulated to participants at the UNA workshop on the 25th of August 2017 for verification.

6. Challenges and lessons learned

Aside from the clash in meetings, due to the large number of stakeholder consultations that needed to be undertaken within a short time-frame there were no major challenges.

Nevertheless, stakeholders at the UNA workshop on the 25th August 2017 did comment that participation by key data agencies including PALARIS and the Office of Planning and Statistics, as well as Government IT representatives at this workshop would have been beneficial. Concerns around having specific staff at the national level to carry this forward were also raised in workshop feedback forms.

The challenges highlighted in the report “Pacific iCLIM Climate Change Data and Information Stocktake - Fiji, Tonga and Vanuatu, June to August, 2015: Final Report” were considered prior to the trip.

7. Findings

Findings are presented in graphical form (“custodian map”) and in table form (“data registry”) below. Findings presented are a snapshot of what was recorded during interviews and should be considered as a “work in progress”. It is hoped that the data registries will be displayed on the Palau climate change portal and updated as more information is provided by stakeholders or discovered by knowledge managers. The following challenges and barriers for accessing and sharing information were identified through one-on-one consultations with stakeholders, as well as during the UNA workshop.

a. Challenges/Barriers for accessing information for work/information sharing

- Lack of legislation to facilitate data and information sharing between agencies. At present there is no existing law in place, only the Minister can approve data sharing.
- Lack of information sharing between agencies. Need to create MOUs with departments.
- Lack of capacity in data management (verifying quality of data) and analysis.
- No central system for information sharing for climate change, renewable energy and disaster risk management.
- Lack of data, no centralized systems.
- Lengthy turnaround time for information requests. Quicker and easier to access data through personal relationships with officers in other ministries and offices.
- Slow internet access means it is quicker to take hard drive to other office to download report.
- Access to data is difficult due to ICT infrastructure.
- Lack of capacity to send data.
- Raw data is difficult to access.
- Need to know where to get the data.
- Information hoarding.
- Not giving due credit for use of data/information.

b. Key challenges for data/information sharing

- No government policy or legislations for data sharing
- Lack of information sharing between agencies
- Lack of capacity for data management and analysis
- No central system for storing and access CC data and information
- Lack of ICT infrastructure for accessing data/information
- Information hoarding and not give due credit for use of data/information

8. Palau Climate Change Data/Information Custodian Map

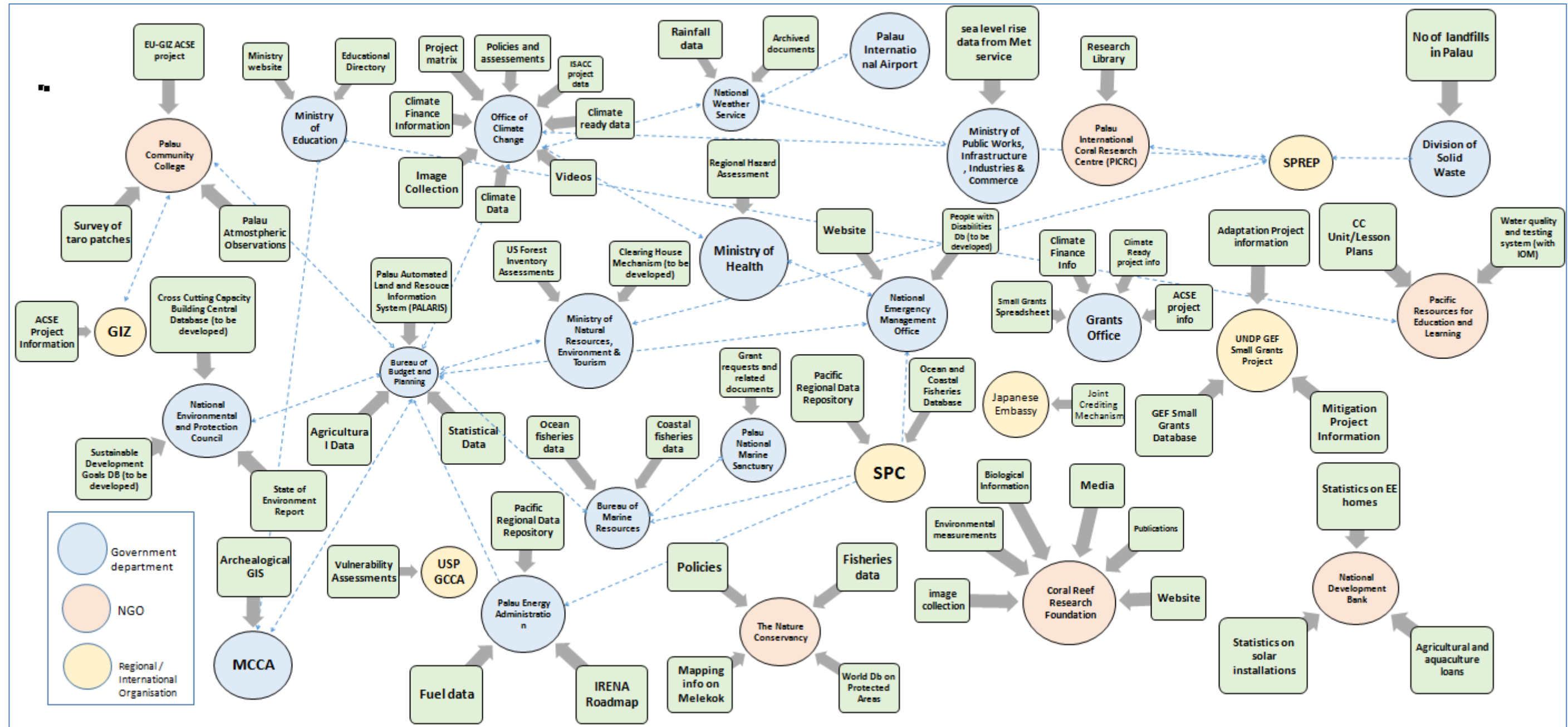


Figure 1: Custodian map for Palau

9. Palau Climate Change Data/Information Registry

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Government Departments									
Bureau of Budget and Planning	Palau Automated Land and Resource Information System (PALARIS) - in development	Central repository developed as a part of the CB 2 project. Contains specific environmental information such as mapping information for roads, utilities and major infrastructure, households impacted by wave inundation, sea level rise. Is linked to SDGs, SOEs.	PALARIS	Dataset, Data collection Maps	gis maps	PALARIS	Bureau of Budget and Planning	David Idip Senior GIS Analyst Office of Budget and Planning Tel:(680) 486 654. Email: davididip@gmail.com	Yes upon request, free of charge only printing fee
Bureau of Budget and Planning	Statistical data	Raw 2015 census and household data	Office of Planning and Statistics	Dataset, Data collection Maps	raw data	PALARIS	Bureau of Budget and Planning	David Idip Senior GIS Analyst Office of Budget and Planning Tel:(680) 486 654. Email: davididip@gmail.com	Yes upon request, free of charge only printing fee
Bureau of Budget and Planning	Agricultural data	Farms, ag survey, taro patches, salt water intrusion, agricultural surveys	Bureau of Agriculture	Maps	shape file, gis format	PALARIS	Bureau of Budget and Planning	Kyonori Tellames Senior Officer of Programme and Budget Office of Planning and Statistics Tel: (680) 7751280	Yes upon request
Bureau of Marine Resources	Ocean and coastal fisheries data	Fisheries data, marine exports, tuna stocks, coastal fisheries, pelagic, cities related information, salt water crocodiles, maps for fishing aberration devices and aquaculture sites	Bureau of Marine Resources	Data set, data collection	xls, gis	With department	Bureau of Marine Resources	King Sam Special Assistant to the Minister of MNRET Email: esuroi1@gmail.com Tel: (680) 488-3125/2897	Yes, upon request but only analyzed data

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Ministry of Education	Ministry of Education website	Revised curriculum which now includes climate change within Science, to be available on website.	Ministry of Education	Educational resource	Paper copy, PDF	www.palaumoe.net	Ministry of Education - Division of Curriculum and Instructional Materials Development	Director: Debbie Tkel-Sbal, Chief of Curriculum: Faith Swords Email: fswords@palaumoe.net	Yes, upon request. To be made available website soon
Ministry of Education	Teaching resources	Resources to support teaching of climate change curriculum	Various	Educational resource	Paper copy	Print copy - held by department	Ministry of Education	Director: Debbie Tkel-Sbal, Chief of Curriculum: Faith Swords Email: fswords@palaumoe.net	Teaching resource only
National Environmental Protection Council	State of Environment Report published April 2017	Has data related to climate change. Currently no website. All documents stored on hard drive.	National Environment and Quality Protection Unit	Document, report	pdf	hard drive	National Environmental Protection Council	Charlene Mersai National Environment Coordinator National Environmental Protection Council Email: charmairsai@gmail.com	Yes, upon request will be available on PALARIS soon
National Environmental Protection Council	SDGs - August 2018 (to be developed)	Database for reporting on SDGs	National Environment and Quality Protection Unit	Dataset, Data collection	To be determined	PALARIS	National Environmental Protection Council	Casmir Remengesau Director Bureau of Budget and Planning Email: casmirer@gmail.com or Charlene Mersai National Environment Coordinator National Environmental Protection Council Email: charmairsai@gmail.com	Yes, to be available online
National Environmental Protection Council	Cross Cutting Capacity Building Central Database (to be developed)	Central portal for reporting on Rio Conventions. Aim for technical people to find data and information in a central repository	National Environment and Protection Unit	Dataset, Data collection, maps	To be determined	PALARIS	National Environmental Protection Council	Charlene Mersai National Environment Coordinator National Environmental Protection Council Email: charmairsai@gmail.com	Yes, to be available online

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Palau Energy Administration	Fuel data	Obtained from the Office of Planning and Statistics and Finance department.	Office of Planning and Statistics	Data collection, data set	raw data	Office of Planning and Statistics, documents are stored on hard drives at the office	Office of Planning and Statistics	Kyonori Tellames Senior Officer of Programme and Budget Office of Planning and Statistics Tel: (680) 775 1280	Yes, upon request from Office of Planning and Statistics
Palau Energy Administration	Pacific Regional Data Repository	Energy act, data and documents are shared with PRDR.	SPC	Data collection, data set	hardcopy and PDF, xls	http://prdrse4ail.spc.int/	SPC	Frank Vukikomoala Energy Database Officer Economic Development Division [EDD] Pacific Community [SPC] Suva Regional Office P: +679 3379407 (Direct) Email: frankv@spc.int	Yes, via portal
Palau Energy Administration	IRENA roadmap	Energy roadmap	IRENA	Document	pdf	Palau Energy Administratio n and IRENA website http://www.irena.org/	Palau Energy Administration and IRENA website http://www.irena.org/	Gregorio Decherong Executive Director Palau Energy Administration Tel: (680) 488 1281 Email: energy@palaunet.com , energyadmin@palaunet.com	Yes, by contacting PEA or IRENA website
Division of Solid Waste Management	Survey on waste amount and composition	Using J-PRISM , currently no website, documents stored on hard drives and flash drives	Division of Solid Waste Management	Data set, data collection	xls	J-PRISM	SPREP	Calvin Ikesiil Chief Division of Solid Waste Management Email: swm.bpw@gmail.com	Yes, upon request
Division of Solid Waste Management	Number of landfills in Palau	Documenting no of landfills in Palau	Division of Solid Waste Management	Data set, data collection	xls	Division of Solid Waste Management	Division of Solid Waste Management	Calvin Ikesiil Chief Division of Solid Waste Management Email: swm.bpw@gmail.com	Yes, upon request

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Division of Solid Waste Management	National Waste Management Plan	Policy	Revised in 2012 and 2016, yet to be finalised.	Document	pdf	Division of Solid Waste Management	Division of Solid Waste Management	Calvin Ikesiil Chief Division of Solid Waste Management Email: swm.bpw@gmail.com	Yes, upon request
Ministry of Natural Resources, Environment and Tourism	US forest inventory assessments	Assessing extent of changes to forest coverage	Ministry of Natural Resources, Environment and Tourism	Documents	pdf	Ministry of Natural Resources	US forestry	Gwen Sisior Senior Projects Manager Email: gwenissior@yahoo.com	Yes, upon request
Ministry of Natural Resources, Environment and Tourism	Tourism policy framework	Document hasn't been distributed to be approved by congress.	Ministry of Natural Resources, Environment and Tourism	Documents	pdf	Palau Government Website - http://palaugov.pw/wp-content/uploads/2017/04/Final_Palau-Responsible-Tourism-Framework1.pdf		Gwen Sisior Senior Projects Manager Email: gwenissior@yahoo.com	yes, upon request or via website
Ministry of Natural Resources, Environment and Tourism	Water policy		Ministry of Natural Resources, Environment and Tourism	Documents	pdf			Bouveau Anastacio Director, Bureau of Tourism Email: uaeuvuob@gmail.com	Yes, upon request
Ministry of Natural Resources, Environment and Tourism	Sustainable Land Management policy adopted	available on government website	Ministry of Natural Resources, Environment and Tourism	Documents	pdf	available on government website	Ministry of Natural Resources, Environment and Tourism	Gwen Sisior Senior Projects Manager Email: gwenissior@yahoo.com	Yes, via website
Ministry of Natural Resources, Environment and Tourism	Forest action plan		Ministry of Natural Resources, Environment and Tourism	Documents	pdf	website - http://stateforesters.org/forest-action-plans/palau	National Association of State Foresters	Gwen Sisior Senior Projects Manager Email: gwenissior@yahoo.com	Yes, via website

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Ministry of Natural Resources, Environment and Tourism	Terrestrial Monitoring Protocol	Forest Inventory Assessment	Ministry of Natural Resources, Environment and Tourism	Documents	pdf	With Ministry	Ministry of Natural Resources, Environment and Tourism	Pua Michael Territorial Forester Email: palauforestry@gmail.com Tel: (680) 554 5804	Yes, upon request
Ministry of Natural Resources, Environment and Tourism	Mangrove strategy	never approved/protecting mangroves	Ministry of Natural Resources, Environment and Tourism	Documents	pdf	With Ministry	BOA	Gwen Sisior Senior Projects Manager Email: gwensissior@yahoo.com	Yes, upon request
Ministry of Natural Resources, Environment and Tourism	Protected areas network programme		Ministry of Natural Resources, Environment and Tourism	Documents	pdf	With Ministry	Ministry of Natural Resources, Environment and Tourism	Pua Michael Territorial Forester Email: palauforestry@gmail.com Tel: (680) 554 5804	Yes, upon request
Ministry of Natural Resources, Environment and Tourism	National Protected Areas Network (PAN) Management strategy	National coordination for PANS strategies	Ministry of Natural Resources, Environment and Tourism	Documents	pdf	With Ministry		Gwen Sisior Senior Projects Manager Email: gwensissior@yahoo.com	Yes, upon request
Ministry of Natural Resources, Environment and Tourism	Clearing house mechanism (to be developed)	Requirement by convention on bio diversity	Ministry of Natural Resources, Environment and Tourism	Website	Website	Website	various agencies	Obichang Skebony	
Ministry of Natural Resources, Environment and Tourism	Sustainable Land Management Database (to be developed)	To be developed	Ministry of Natural Resources	Website	Website	Website		Gwen Sisior Senior Projects Manager Email: gwensissior@yahoo.com	
Emergency Health Programme, Ministry of Health	Regional Hazard Assessment - American Samoa, FSM, Guam, CNMI	Includes Sea level rise, coastal erosion, inundation, droughts, flooding, storm surges.	USCDC, USASPR	Document	pdf	Bureau of Public Health, Ministry of Health	Bureau of Public Health, Ministry of Health	Director of Public Health Ritter Udui, Programme Manager Contact: Division of Environmental Health	Ministry of Education, Public Safety

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
National Emergency Management Office	Website (in development)	Contains past reports, marine advisory, disaster related advisory	NEMO	Website		NEMO website	NEMO	Waymine Towai Coordinator NEMO Email: nemo.coordinator@palaug-ov.org	Yes, via website
National Emergency Management Office	Database for People with Disabilities (to be developed)	Keep listing of elderly and disabled people.	NEMO	Database	To be determined	To be determined	NEMO	Waymine Towai Coordinator NEMO Email: nemo.coordinator@palaug-ov.org	Yes, via website
National Emergency Management Office	Disaster Risk Management policy		NEMO	Document	pdf	NEMO website	NEMO	Waymine Towai Coordinator NEMO Email: nemo.coordinator@palaug-ov.org	Yes, via website
National Emergency Management Office	Typhoon BOPHA report		NEMO	Document	pdf	NEMO website	NEMO	Waymine Towai Coordinator NEMO Email: nemo.coordinator@palaug-ov.org	Yes, via website
National Emergency Management Office	Pre and post disaster needs assessments		NEMO	Document	pdf	NEMO website	NEMO	Waymine Towai Coordinator NEMO Email: nemo.coordinator@palaug-ov.org	Yes, via website
National Emergency Management Office	Brochures and pamphlets	Awareness brochures and pamphlets produced by NEMO	NEMO	Document	pdf	NEMO website	NEMO	Waymine Towai Coordinator NEMO Email: nemo.coordinator@palaug-ov.org	Yes, via website

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
National Emergency Management Office	Disaster Risk Reduction framework		NEMO	Document	pdf	NEMO website	NEMO	Waymine Towai Coordinator NEMO Email: nemo.coordinator@palaug-ov.org	Yes, via website
National Emergency Management Office	BSRP, document and video		NEMO	Document	pdf	NEMO website	NEMO	Waymine Towai Coordinator NEMO Email: nemo.coordinator@palaug-ov.org	Yes, via website
National Emergency Management Office	Hamlet Emergency Plans	Section plan	NEMO	Document	pdf	NEMO website	NEMO	Waymine Towai Coordinator NEMO Email: nemo.coordinator@palaug-ov.org	Yes, via website
National Emergency Management Office	E-book, The Cadre Project/IDM into curriculum etc, NEMO Handouts	Developed in partnership with International Organisation for Migration USAID technical materials for schools, ebook- The Cadre project	NEMO	Document	pdf	NEMO website	NEMO	Waymine Towai Coordinator NEMO Email: nemo.coordinator@palaug-ov.org	Yes, via website
Ministry of Cultural and Community Affairs	Coastline Survey of sites affected by CC incl. traditional taro sites (to be developed)	Comparative mapping with those taken since 1994. This will help with States zoning, identifying communities in low lying areas and planning.	Bureau of Cultural and Historical preservation	Document, spatial	doc, gis	MCCA	Bureau of Cultural and Historical preservation	Calvin Emesiochel Deputy Director Email: bac_pubed@palaunet.com	n/a
Ministry of Cultural and Community Affairs	Archeological survey (to be developed)	Planning State by State Kahal - Helen Reef and interior survey to begin . Funding source DOI Technical grant.	Bureau of Cultural and Historical preservation	Data set, data collection	doc, gis	MCCA	Bureau of Cultural and Historical preservation	Calvin Emesiochel Deputy Director Email: bac_pubed@palaunet.com	n/a

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Ministry of Cultural and Community Affairs	24 Published survey reports	Data shared with PALARIS as backup. Reports disseminated to various libraries.	Bureau of Cultural and Historical preservation	Data set, data collection	pdf, gis files	MPPA, PALARIS	Bureau of Cultural and Historical preservation	Calvin Emesiochel Deputy Director Sunny Ngirmang Director Bureau of Culture and Historical Preservation Email: bac_reg@palaunet.com	n/a
Ministry of Cultural and Community Affairs	Archeological GIS	All archeological digital, photo, map, description, coastal rivers. Developed in ArcGIS. Sketch mapping.	Bureau of Cultural and Historical preservation	Data set, data collection	gis files	Bureau of Cultural and Historical preservation	Bureau of Cultural and Historical preservation	Calvin Emesiochel Deputy Director Email: bac_pubed@palaunet.com	yes, upon request
Ministry of Cultural and Community Affairs	Housing and displacement study		Palau Housing Authority	Document	pdf	Palau Housing Authority	Palau Housing Authority	Frida Delmau Executive Director Palau Housing Authority Email: palpha@palaunet.com	yes, upon request
Ministry of Cultural and Community Affairs	Gender mainstreaming policy		Ministry of Cultural and Community Affairs	Document	pdf	in development	Ministry of Cultural and Community Affairs	Klouldil Singeo National Planner and Gender Coordinator Email: klouldil@gmail.com	in development
Ministry of Cultural and Community Affairs	Agengpop Palau		Ministry of Cultural and Community Affairs Ageing	Document	pdf	Division Ageing Ministry of Cultural and Community Affairs	Ministry of Cultural and Community Affairs Ageing	Contact Ministry	yes, upon request
Ministry of Cultural and Community Affairs	Palau National Youth Policy		Ministry of Cultural and Community Affairs Youth	Document	pdf	Youth Policy Website - http://www.youthpolicy.org/national/Palau_2005_National_Youth_Policy.pdf	Youth Policy Website and Ministry of Cultural and Community Affairs	Melson Miko Director Bureau of Youth, Applied Arts and Career Email: Melson311@gmail.com	yes, via website
Ministry of Cultural and Community Affairs	Educational Directory	Directory of organisations and who to contact for what information.	Ministry of Education	Document	pdf	Ministry of Education	Ministry of Education	Ministry of Education	yes, upon request

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Grants Office	Small grants spreadsheet	Details on grant recipient, purpose of grant and total amount	Grants Office	Data collection	Excel	Hard drive of PC	Grants Office	Judy Dean Grants Office Email: judyd@palaugov.org	Yes, on request
Grants Office	EU-GIZ ACSE Project	EU-GIZ Adapting to Climate Change and Sustainable Energy - project overview, piggery design, other project documents	EU-GIZ	Document, reports	Doc, PDF	Hard drive of PC (General information for the regional project available at http://acsepacific.org/projects/)	Grants Office and Bureau of Agriculture	Grants Office: Carla Ngirailemesang Email: carlan@palaugov.org Tel: 767 1007 Agriculture: Fred Sengebau Director Tel: 622 5804 Email: ffms@palaunet.com fsengebau@gmail.com	Yes, on request
Grants Office	Adaptation Fund accreditation documentation	Supporting documents for fiduciary and other criteria required for accreditation to Adaptation Fund	Various	Documents	Doc, PDF	Hard drive of PC	Grants Office	Judy Dean Grants Office Email: judyd@palaugov.org	Yes, on request
Grants Office	USAID Climate Ready project documentation	Climate finance readiness support project	Grants Office - Judy Dean	Data set, Data collection		Shared drive General project information available on the PCCP: https://www.pacificclimatechange.net/project/usaids-climate-ready	Grants Office	Judy Dean Grants Office Email: judyd@palaugov.org	To be determined upon request.
Ministry of Public Infrastructure, Industries and Commerce	Sea level rise data	Use data from sea level rise, observe changes to infrastructure within international standards.	National Weather Office	Document	pdf	National Weather Office	National Weather Office	Peter Polloi Special Advisor on Aviation Matters Palau International Airport Email: saampalau@gmail.com Tel: (680) 775 7622	Customs, quarantine, public safety, immigration (security risk related)

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Palau National Marine Sanctuary	Palau National Marine Sanctuary 2017-2020 Transition Funding Grant Proposal		Palau National Marine Sanctuary	Document	pdf	Website - www.palaumarine.org	Palau National Marine Sanctuary	Keobel V. Sakuma Executive Director Palau National Marine Sanctuary Tel: +011 (680) 488 4285 Email: keobel@palaumarine.org	yes, via website or upon request
Palau National Marine Sanctuary	Palau National Marine Sanctuary Prospectus		Palau National Marine Sanctuary	Document	pdf	Palau National Marine Sanctuary	Palau National Marine Sanctuary	Keobel V. Sakuma Executive Director Palau National Marine Sanctuary Tel: +011 (680) 488 4285 Email: keobel@palaumarine.org	yes, via website or upon request
Palau National Marine Sanctuary	Grant requests and related documents		Palau National Marine Sanctuary	Document	pdf	Palau National Marine Sanctuary	Palau National Marine Sanctuary	Keobel V. Sakuma Executive Director Palau National Marine Sanctuary Tel: +011 (680) 488 4285 Email: keobel@palaumarine.org	yes, via website or upon request
Palau National Marine Sanctuary	Proposal, CC resiliency in south west island and reevaluation of tuna stocks (in development)	Securing Palau's Southwest Islands and the Palau National Marine Sanctuary (PNMS) – adapting to secure highly vulnerable indigenous communities, their islands, and the basis for Palau's sanctuary through climate smart management of critical natural and social capital	Palau National Marine Sanctuary	Document	Pdf/word	Palau National Marine Sanctuary	Palau National Marine Sanctuary	Keobel V. Sakuma Executive Director Palau National Marine Sanctuary Tel: +011 (680) 488 4285 Email: keobel@palaumarine.org	yes, via website or upon request
Palau International Airport	National Emergency Disaster framework till 2020.		Palau International Airport	Document	pdf	Palau International Airport	Palau International Airport	Mr Peter Polloi Special Adviser on Aviation Matters Palau International Airport Bureau of Aviation Email: saampalau@gmail.com Tel: (680) 775 7622	yes, upon request

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Palau International Airport	Airport Response Plan - Natural Disaster available for sharing		Palau International Airport	Document	pdf	Palau International Airport	Palau International Airport	Mr Peter Polloi Special Adviser on Aviation Matters Palau International Airport Bureau of Aviation Email: saampalau@gmail.com Tel: (680) 775 7622	yes, upon request
National Weather Service	Data on rainfall and temperature from various states.	Data on rainfall and temperature from various states.	National Weather Service	Data set, Data collection	raw data	http://www.p rh.noaa.gov/k oror/	National Weather Services	Maria Ngemaes Meteorologist in charge National Weather Office Email: maria.ngames@noaa.gov	yes, via website
National Weather Service	Archived documents	NEMO - Early Warning, brochures, tropical storms, earthquakes etc can be found at NEMO MOE Science Book	National Weather Service	Document	pdf and hardcopies	with NWS	National Weather Services	Maria Ngemaes Meteorologist in charge National Weather Office Email: maria.ngames@noaa.gov	yes, upon request
Office of Climate Change	Non- Communicable Disease small grants program	Register of recipients receiving small grants through national NDC fund	Palau Ministry of Health	Document		Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	GHG count - Complete Streets Project	Impact during peak hours. Vehicle emissions with health component. 2 weeks worth of data at peak times.	Office of Climate Change	Data set, Data collection	xls	NGO and Climate Change	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	Qualitative Survey	Koror Elementary School, summary report - public perceptions of the road	Koror Elementary School	Document	pdf	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Office of Climate Change	Project matrix	Refer to project matrix	Office of Climate Change	Data set, Data collection	raw data	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	Complete streets policy (draft)	Currently in draft - includes transportation component.	Office of Climate Change	Document	pdf	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	Transportation policy	To be developed.	Office of Climate Change	Document	pdf	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	USAID/SPC ISACC project documentation	Project agreement and brief - climate change finance support through readiness and institutional strengthening	Office of Climate Change	Document	pdf	Shared drive Project information also available at: http://ccpr.objects.gsd.spc.int/isacc/	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	General project information available upon request.
Office of Climate Change	Food Security Policy	A national policy for strengthening food security in Palau as a priority climate change adaptation measure	Office of Climate Change and Palau Community College	Document	pdf	Shared drive and Pacific Climate Change Portal - https://www.pacificclimatechange.net	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	Pacific Climate Change Portal and upon request.

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Office of Climate Change	CC Public Health Policy	Copy with Ministry	Ministry of Health	Document	pdf	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	Energy Policy		Palau Energy Office	Document	pdf	Shared drive and Pacific Climate Change Portal - https://www.pacificclimatechange.net	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	Upon request and via Pacific Climate Change Portal or Pacific Regional Data Repository
Office of Climate Change	Nationally Determined Contributions Policy	Submission to UNFCCC	Office of Climate Change	Document	pdf	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	Financing Strategy for Palau National Climate Change Policy	Outlines total costs to implement priority measures defined in the policy and possible funding sources	Office of Climate Change	Document	pdf	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	Communications Strategy for PCCP.	Communications strategy developed to support the initial roll out and implementation of the Palau Climate Change Policy	Office of Climate Change	Document	pdf	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	Coastal assessment	Coastal assessment of the villages of Butilei and Sechemus, as well as, Kemur Biabj rock island	Office of Climate Change	Document	pdf	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Office of Climate Change	Videos (ongoing)	DRM educational DVDs (with NGO Hope)	Hope, with support from PACAM	Video		Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	Climate Data	PACIOS - 7 day forecasting service provided to partner countries. UH, Manoa Sea Level Centre - 6 months forecast. PICSC - Pacific based out of Hawaii Provide technical support on elevation maps of sea level rise. Assistance with bathymetry data. East side vulnerable for storm surge. National Weather Service - rain data	Contact Office of Climate Change	Data set, Data collection	raw data	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	Image collection - Dropbox	Documentation to support UH sea level / tide forecasts. Taken at 4 x locations over, since 2016	Office of Climate Change	Image collection	image files	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
Office of Climate Change	Climate Finance Information	Proposal templates (Grant Office also holds some of these)	Office of Climate Change (however, templates of various donors / funds)	Document	docx	Shared drive	Office of Climate Change	Mr. Xavier Erbai Matsutaro National Climate Change Coordinator Office of Climate Change Email: erbai.oerc@palaugov.org	To be determined upon request.
NGOs									
Coral Reef Research Foundation	Image collection: Palau General	Vertical and oblique aerial photos	Coral Reef Research Foundation	Images or image collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Coral Reef Research Foundation	Image collection: Palau General	Film not digitised - 8000 photos	Coral Reef Research Foundation	Images or image collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Image collection: Palau General	Compact Road - 6200 photos	Coral Reef Research Foundation	Images or image collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Image collection: Palau General	Infrastructure - 3000 photos	Coral Reef Research Foundation	Images or image collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Image collection: Palau General	Others: Faulkner aerial 1,500, FSM aerials 2,450, RMI 1,600, BW Historical 3,150, color historical 1,060	Coral Reef Research Foundation	Images or image collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Image collection: Underwater general	130000 photos	Coral Reef Research Foundation	Images or image collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Image collection: Terrestrial general	2,000 photos island erosion (3,000 geolocated photos), fire ecology photos: a few thousand photos	Coral Reef Research Foundation	Images or image collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Environmental Measurements	Physical Oceanographic	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Environmental Measurements	Physical Oceanographic: Water temperature - 70,000,000 data points (partially online)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Environmental Measurements	Physical Oceanographic: Office of Naval Research	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Environmental Measurements	Physical Oceanographic: Side scan sonar: large amount of data from lagoon area	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Coral Reef Research Foundation	Environmental Measurements	Physical Oceanographic: Spray gliders (salinity, temperature, depth, chlorophyll, ABS)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Environmental Measurements	Physical Oceanographic: HF radar (currents): substantial (online display)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Environmental Measurements	Weather, additional Xmet data (palauweather.org)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Environmental Measurements	Currents: ADCPs, several stations (10 years total data files)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Environmental Measurements	Bathymetry (single point sonar-excludes multibeam data)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Environmental Measurements	Oceanographic cruises (multibeam sonar, radar, shipboard ADCP)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Environmental Measurements	Terrestrial: Fire data, island erosion SW islands	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Biological Information	Specimens: NCI 8,000 specimens (CAS)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Biological Information	Other specimens 3,000 specimens (CAS)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Biological Information	Algae/plants 500 specimens (SI)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Coral Reef Research Foundation	Biological Information	Organism photos (see above)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Biological Information	Fishery Information and data: substantial	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Biological Information	Field trip records and data	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Media	3 produced inhouse, have about 600 information CDs/DVDs in collection	Coral Reef Research Foundation	Video		CD/DVD	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Video	Aerial and under water	Coral Reef Research Foundation	Video		Hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Books	3 books produced, have 500 in library	Coral Reef Research Foundation	Document	pdf	Library	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Publications	500 scientific publications (list on website), 12 technical reports	Coral Reef Research Foundation	Document		Library/hard drive	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Website	coralreefpalau.org (much information related to "information" included there)	Coral Reef Research Foundation	Website		Website - http://coralreefpalau.org/	Coral Reef Research Foundation	Dr Patrick Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project	Underwater general	Coral Reef Research Foundation	Images		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Vertical profiles: Jellyfish Lake	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Vertical profiles: Goby Lake/Big Jellyfish Lake	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Vertical profiles: Coves	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Vertical profiles: Other lakes	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Water temperature/thermographs (includes Seabirds)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Temperature array: Jellyfish Lake	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Light array: Jellyfish Lake	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Weather Stations (TWS and FWS)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Currents (ADCP and PCMs): Jellyfish Lake	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Bathymetry maps of marine lakes	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Environmental Measurements	Tide Data (lakes and lagoon)	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Coral Reef Research Foundation	Marine Lakes Project: Biological Information	Specimens: Exaoptasia surveys including underwater photos	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Biological Information	Biotic surveys photos included 793 specimens at CAS	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Biological Information	Zooplankton samples -750 samples	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Marine Lakes Project: Biological Information	Mastigias jellyfish abundance survey, 3 lakes & 3 coves see vertical profile records above- included in same files	Coral Reef Research Foundation	Data set, Data collection		Hard drive	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Coral Reef Research Foundation	Media 6 videos		Coral Reef Research Foundation	Video	Video	CD/DVD	Coral Reef Research Foundation	Dr Lori Colin Email: crrfpalau@gmail.com Tel: (680) 488 5255	Yes, by contacting foundation
Pacific Resources for Education and Learning	Climate change units/lesson plans -	Science units including resources, including objectives for the units (summary document of science curriculum and objectives)	PREL / MoE	Document	PDF, doc	MOE servers	Pacific Resources for Education and Learning	Palau Service Centre Located across from the Ministry of Education Building in Koror PO Box 189 Koror, PW 96940 Tel: (680) 488 8130	yes, upon request
International Organisation for Migration/ Pacific Resources for Education and Learning	School water quality testing and systems	Small amount of data from school (but not much) - sending to EQPB and Ministry of Education. Also shared with Ministry of Health (buying new kits for EQPB) - EQPB has better data		Data set, data collection		MOE servers	Pacific Resources for Education and Learning	Palau Service Centre Located across from the Ministry of Education Building in Koror PO Box 189 Koror, PW 96940 Tel: (680) 488 8131	Yes on website and upon request

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
The Nature Conservancy		BMUB - Mike to provide specific name of project German funded project specifically looking at climate change - site based project Melekeok Nature Reserve - data related to ecosystem services data - cost benefit analysis and economic evaluation of watershed - 3D model utilising this for decision making.	The Nature Conservancy	Data set, data collection		www.tncconnect.org	The Nature Conservancy	Mike Aulerio GIS Analyst The Nature Conservancy Email: maulerio@tnc.org	No - but will be available online in partner component of website
The Nature Conservancy	Detailed map for Melekeok	ArcGIS	The Nature Conservancy	Maps	GIS format		The Nature Conservancy	Mike Aulerio GIS Analyst The Nature Conservancy Email: maulerio@tnc.org	To be determined upon request
The Nature Conservancy	3D model in Melekoek (video maybe at higher level of TNC)		The Nature Conservancy	Maps	GIS format		The Nature Conservancy	Mike Aulerio GIS Analyst The Nature Conservancy Email: maulerio@tnc.org	To be determined upon request
The Nature Conservancy	Report of processes, materials etc for the model		The Nature Conservancy	Document	PDF, Doc		The Nature Conservancy	Mike Aulerio GIS Analyst The Nature Conservancy Email: maulerio@tnc.org	To be determined upon request
The Nature Conservancy	Policy - economic tools to support Melekeok		The Nature Conservancy	Document	PDF, Doc		The Nature Conservancy	Mike Aulerio GIS Analyst The Nature Conservancy Email: maulerio@tnc.org	To be determined upon request
The Nature Conservancy	Fisheries - data collection	Whole of northern reef, capturing different habitat types - inshore areas, reef habitat within PAN sites - MPA no take areas - mapping around the north - spatial planning and analysis of different reef habitats	The Nature Conservancy	Data set, data collection			The Nature Conservancy	Mike Aulerio GIS Analyst The Nature Conservancy Email: maulerio@tnc.org	To be determined upon request

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
The Nature Conservancy	PAN Database	PAN, PCS and PALARIS to cross check PAN sites - World Database on Protected Areas - updated information to align with WDPA - updated Palau database and have shared this with PALARIS - location, legislation, human resources	TNC / PALARIS	Data collection	GIS Geo database or shaef file)	Hard drive on	TNC and PALARIS	Mike Aulerio GIS Analyst The Nature Conservancy Email: maulerio@tnc.org	To be determined upon request
National Development Bank of Palau	Solar installation statistics	Number of homes with solar installed and number of homes that have received energy efficient subsidy loans. Average power that can be generated and number of homes	National Development Bank of Palau	Data set, data collection	Excel	Hard drives	National Development Bank of Palau	Norbert Villanueva National Development Bank of Palau Email: nvillaneuva@ndbp.com	No - unless requested for (personal data to be taken out)
National Development Bank of Palau	Energy Efficiency statistics	Energy efficiency - number of homes and what type of energy efficiency measures installed e.g. windows, fans etc	National Development Bank of Palau	Data set, data collection	Excel	Hard drives	National Development Bank of Palau	Norbert Villanueva National Development Bank of Palau Email: nvillaneuva@ndbp.com	Upon request - personal data to be removed
National Development Bank of Palau	Agricultural and aquaculture loan information	Loans for agriculture and aquaculture - people who want to start small-scale farm - personal information on loan recipients - location of people. Work with Bureau of Agriculture to provide information to communities.	National Development Bank of Palau	Data set, data collection	Excel	Hard drives	National Development Bank of Palau	Norbert Villanueva National Development Bank of Palau Email: nvillaneuva@ndbp.com	Upon request - personal data to be removed
Palau International Coral Research Centre (PICRC)	Research library	Palau International Coral Reef Center maintains a collection of books, journals, and articles—including PICRC research publications—to aide in research. There are books on marine fisheries, marine ecosystems, and other marine related resources. The Research Library keeps hard copies of Technical Reports and peer-reviewed articles on PICRC research findings on hand	PICRC	Document, reports	Paper copy, electronic copy	In physical library space	PICRC	PICRC Research Library 488 6950 picrc@picrc.org	Yes - at the library

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Palau Community College	Palau Atmospheric Observations	Measurements to facilitate better understanding of climate and complemented by an educational program at PCC including lectures on climate issues	Alfred Wagner Institute for Polar and Marine Research (AWI)	Datasets, data collections, document, reports, educational resources		AWI	AWI	Dr Markus Rex Climate Scientist Alfred Wagner Institute for Polar and Marine Research (AWI) Tel: +49(331)288-2127 Email: Markus.Rex@awi.de	Contacting AWI representative
Palau Community College	Pacific Adaptation to Climate Change Project - Food Security reports	Products from PACC project	Palau Community College and SPREP	Document	pdf	http://www.sprep.org/pacc	Palau Community College and SPREP	Thomas Taro Associate Director/Vice President Palau Community College Email: tarothomas@yahoo.com Fred Sengebau Director Bureau of Agriculture Ministry of Resources and Development Email: fsengebau@gmail.com	Yes, upon request or via SPREP website
Palau Community College	Food security policy (see record above in Office of Climate Change)	A national policy for strengthening food security in Palau as a priority climate change adaptation measure	Office of Climate Change	Document	pdf	Office of Climate Change	Bureau of Agriculture	Thomas Taro Associate Director/Vice President Palau Community College Email: tarothomas@yahoo.com Fred Sengebau Director Bureau of Agriculture Ministry of Resources and Development Email: fsengebau@gmail.com	College of Micronesia website

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Palau Community College	Survey of taro patches	Data kept with PALARIS	PALARIS	Data set, data collection	gis, maps, data sets	PALARIS	Finance and Statistics office	David Idip Senior GIS Analyst Office of Budget and Planning Tel: (680) 486 654. Email: davididip@gmail.com	Yes, via PALARIS
Palau Community College	EU-GIZ ACSE Project (See also record above in Grants Office)	Products from ACSE project	GIZ, Palau Community College	Document	pdf	http://acsepa cific.org/	GIZ, Palau Community College	Dr Wulf Killmann GIZ Program Director & Senior Advisor SPC/GIZ Coping with Climate Change in the Pacific Island Region (CCCPir) Tel: +679 3305 983; +679 3307 543 Email: wulf.killmann@giz.de	Yes, via website
Palau Community College	Palau Atmospheric Observations	Measurements to facilitate better understanding of climate and complemented by an educational program at PCC including lectures on climate issues	Alfred Wagner Institute for Polar and Marine Research (AWI)	Datasets, data collections, document, reports, educational resources	data sets	AWI	AWI	Dr Markus Rex Climate Scientist Alfred Wagner Institute for Polar and Marine Research (AWI) Tel: +49(331)288-2127 Email: Markus.Rex@awi.de	Yes, by contacting AWI representative
Palau International Coral Research Centre (PICRC)	Various research reports, studies	Climate change related studies and reports including ocean acidification, coral bleaching, coral studies, sea-level and wave impacts (Melekeok)	PICRC	Document, reports	PDF	http://picrc.o rg/picrcpage/ research/publ ications/	PICRC	Geraldine Rengiil Director - Research and Aquarium Dept. Ph: 488 6950	Yes - certain reports; other academic journal publications only citation available
Palau International Coral Research Centre (PICRC)	Ocean acidification surveys	pH data recorded from ocean buoy	PICRC / SPREP	Data collection, datasets		SPREP website – www.sprep.o rg	SPREP	Dr. Tommy Moore, PI-GOOS Officer, SPREP	Yes - from SPREP

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
Regional/International Organisations									
Secretariat of the Pacific Regional Environment Programme	Waste Management Information	Land Fill information	SPREP/Waste Division	Data collection, datasets	Data sets	SPREP/Waste Division	SPREP/Waste Division	Frank Griffin SPREP	Yes, upon request
Secretariat of the Pacific Regional Environment Programme	Protected Areas Information	Protected Areas Network information	SPREP/MNRE T	Data collection, datasets	Data sets	SPREP/MNRE T	SPREP/MNRET	Director BEM SPREP	Yes, upon request
Secretariat of the Pacific Regional Environment Programme	Pacific Climate Change Portal	Climate Change Information	SPREP	Document, reports	PDF	www.pacificclimatechange.net	SPREP	Makelesi Gonelevu Knowledge Management Officer SPREP	On Portal
Pacific Community	Pacific Regional Data Repository	Web-based energy portal and database management system intended to support Pacific governments and their development partners working in the energy sector by facilitating access to up-to- date, reliable energy data and project information.	PICTs	Website	Website	http://prdrse4all.spc.int/	Secretariat of the Pacific Community	Frank Vukikomoala Energy Database Officer Economic Development Division [EDD] Pacific Community [SPC] Suva Regional Office P: +679 3379407 (Direct) Email: frankv@spc.int	yes via website
USP Global Climate Change Alliance Project	Rapid Assessment	on USP website for 6 states for EU GCCA project	USP	Document	pdf	USP website	USP	Carol Emaurois USP/GCCA Email: cemaurois@gmail.com Tel: (680) 7751180	yes, via website

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
USP Global Climate Change Alliance Project	Vulnerability and Adaptation Assessments for Palau states	Done for 12 out of 16 states. 9 completed and published, 3 in draft format since 2013.	USP	Document	pdf	USP website	USP	Carol Emaurois USP/GCCA Email: cemaurois@gmail.com Tel: (680) 7751180	yes, via website and upon request\
USP Global Climate Change Alliance Project	Attitude Survey report on CC		USP	Document	pdf		USP	Carol Emaurois USP/GCCA Email: cemaurois@gmail.com Tel: (680) 7751180	yes will be publicly available soon and can be shared on portal.
USP Global Climate Change Alliance Project	3 CC strategies for USP-PACE	GCCA	USP	Document	pdf		USP	Carol Emaurois USP/GCCA Email: cemaurois@gmail.com Tel: (680) 7751180	yes, upon request
USP Global Climate Change Alliance Project	Climate Change DVD	DVD on Palau Issues and Challenges in relation to climate change.		DVD	dvd	dvd	Carol Emaurois GCCA Email: cemaurois@gm ail.com Tel: (680) 7751180	Carol Emaurois USP/GCCA Email: cemaurois@gmail.com Tel: (680) 7751180	yes, upon request
USP Global Climate Change Alliance Project	Image collection	Impacts on taro patches	PICRIC	Images	image files	hard drive	Carol Emaurois GCCA Email: cemaurois@gm ail.com Tel: (680) 7751180	Carol Emaurois USP/GCCA Email: cemaurois@gmail.com Tel: (680) 7751180	yes, upon request
GIZ Adapting to Climate Change and Sustainable Energy Project	ACSE project information (This is a duplication - see above records in both PCC and Grants Office)	Assessments etc from project	Palau Community College and GIZ ACSE	Website	pdf	ACSE website - http://acsepacific.org/	Palau Community College and GIZ ACSE	EU-GIZ Adapting to Climate Change and Sustainable Energy Email: info@acsepacific.org Tel: (679) 3315 100	yes, via website and upon request

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
GEF Small Grants	GEF Small Grants Database	Database of GEF Small Grants project	UNDP	Data set, data collection	Database	www.sgp.und p.org	UNDP	Ms. Kiblas SOALADA OB GEF Small Grants Program National Coordinator Phone: (680) 488 7270 Fax: (680) 488 7271 Email: KiblasS@unops.org	yes, via website
GEF Small Grants	Annual monitoring report in July	What the project is, how much funding, all the proposals, grant recipient information, final report uploaded once closed,	GEF Small Grants	Document	pdf	GEF Small Grants	Ms. Kiblas SOALADA OB National Coordinator Phone: (680) 488 7270 Fax: (680) 488 7271 Email: KiblasS@unops.org	Ms. Kiblas SOALADA OB National Coordinator Phone: (680) 488 7270 Fax: (680) 488 7271 Email: KiblasS@unops.org	yes, upon request
GEF Small Grants	Project Information for adaptation projects	3 adaptation projects funded by AusAid using small grants as mechanisms. Projects are on food security, monitoring jellyfish lake, effects of el nino and policy making implications, food security-coconut crabs.	GEF Small Grants	Document	pdf	GEF Small Grants	GEF Small Grants	Ms. Kiblas SOALADA OB National Coordinator Phone: (680) 488 7270 Fax: (680) 488 7271 Email: KiblasS@unops.org	yes, upon request
GEF Small Grants	Project Information for mitigation project,	3 currently in implementation and 1 in pipeline. 2 solar panels, using local products, sustainable well designed, climate planning	GEF Small Grants	Document	pdf	GEF Small Grants	GEF Small Grants	Ms. Kiblas SOALADA OB National Coordinator Phone: (680) 488 7270 Fax: (680) 488 7271 Email: KiblasS@unops.org	yes, upon request
GEF Small Grants	Documentary (in development) footage on each project	Documentary on small grants programme. Beginning of next year - by earth day 5th year of small grants program in Palau	GEF Small Grants	Video		GEF Small Grants	GEF Small Grants	Ms. Kiblas SOALADA OB National Coordinator Phone: (680) 488 7270 Fax: (680) 488 7271 Email: KiblasS@unops.org	yes, upon request

Ministry/ Department/ Organisation	Title of Resource, Dataset, Database etc	Brief Description	Owner or Publisher	Resource type	Format	Where stored	Current information holder/ custodian	Contact person	Can public access information? How?
GEF Small Grants	2 concept papers for solar power projects (pipeline)		GEF Small Grants	Document	doc	GEF Small Grants	GEF Small Grants	Ms. Kiblas SOALADA OB National Coordinator Phone: (680) 488 7270 Fax: (680) 488 7271 Email: KiblasS@unops.org	yes, upon request
Japanese Embassy	Joint Crediting Mechanism	Small scale power plant project supported by Ministry of Environment, Japan. 4 x locations in Palau with installed solar panels	Ministry of Environment Japan	Document, reports (may also be data related to solar power generation)	Doc, PDF	http://www.mmechanisms.org/e/initiatives/palau.html	Ministry of Environment, Japan	Ms. Hitomi Murakami Third Secretary Embassy of Japan Tel: 488 6455 Email: hitomi.murakami-2@mofa.go.jp	On website and on request of Japan Ministry of Environment

10. Bibliography

Brown, R., Gonelevu, M., Mackay, S., McGregor, K., Kocovanua, T., Iaken, R., Iautu, F., Lepa, M., Tuiafitu-Malolo, L., Fulivai, S., Pelesikoti, N., & Mackey, BG. (2015). *Barriers to Effective Adaptation and Resilience Planning in the Pacific: An Information Management Perspective*. Queensland: Griffith University, SPREP.

Gonelevu, M., Brown, R., Kocovanua, T., Singh, A., Lepa, M., & Iaken, R. (2016). *Pacific iCLIM Climate Change Data and Information Stocktake - Fiji, Tonga and Vanuatu, June to August, 2015: Final Report*. Apia: SPREP, Griffith University.

Annex I: Stakeholders consulted

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Annex II: Questions for Stocktake

Section/Question	Available responses
General Information	
Date	
Department or Organisation	
Name of Interviewee	
Information asset description	
Title of information asset	
Description	
Topic (from Topics Vocabulary)	
Individual item? (tick)	
Collection? (tick) e.g. set of related documents, collections of data	
For Collections - how many individual items in collection?	
Publication Year/ age of material	
Resource type	eg datasets, output from technical instruments, images, GIS data, video, powerpoint presentations, maps, inventory or directory, case studies, lessons learned, fact sheets, vulnerability assessments, EIAs, M&E reports, project outputs, educational materials
Resource format	
Does it need propriety/special software to access or read information?	e.g. Excel, MapInfo, SPSS
Information storage and custodianship	
Where is the information stored?	e.g. Hard drive of laptop or PC, external hard drive, local server, ICT server, third party storage (in country or cloud-based), CD/DVD, USB/flash drive, Print copy, other
Print material only - where stored?	library, records office, personal office, other (Please specify)
size (MB)	
Information owner	Department or Office
Information holder/custodian	Department or Office
Is there a nominated contact person?	yes/no/details
Is there any planned Retention period?	yes/no/details
Information sharing and accessibility	

Current accessibility: who has access to the information at the moment?	shared with public, all govt depts, NGOs, commercial organisations, within dept only
any data sharing agreements or MOUs in place to formalise sharing arrangements?	yes/no/details
If you currently share this information, is it sold or shared free of charge?	sold/free/details
Do you have any concerns about sharing the information?	e.g. commercial value, danger of misinterpretation, time/effort required, sensitivities (e.g. Traditional Knowledge), confidentiality restrictions, Intellectual Property Rights
Access controls - Is there a need to restrict or control access to the data to or from particular parties?	yes/no/details
Embargo period - Is there an embargo period before releasing the information publicly, and if so how long an embargo would be needed. What is the nature of and reason for the embargo?	yes/no/details
Copyright and licensing information - Does your department/organisation use any licences or other terms and conditions of use on their information?	yes/no/details
If this information is not currently shared, would you be willing or motivated to have it listed on the CCD Portal?	Statements regarding the interviewee's feelings/reservations/willingness towards sharing the information with others
Level of sharing - If you are willing to have this information asset listed in the CC Portal, what level of sharing would you be happy with?	1. The information is not online, but the Portal can tell people the information exists and who to contact to get access to it. 2. The information is not online but the Portal can hold a copy of the information in full. 3. The information is already online elsewhere and the Portal can point to it.