



Marine Resources and Fisheries Session

National R&D

January 26th, 2022

Weno, Chuuk

Department of R&D – Division of Marine Resources

- Department of R&D is responsible in supporting and managing the development of the nation's economy and utilization of its natural resources in a sustainable manner.
- Division of Marine Resources functions include:
 - In collaboration with all stakeholders and partners facilitate needed support and resources to develop and implement research and policies to ensure sustainable use of marine resources within FSM.



Accomplishments

- PAN Policy and Country Program Strategy passed
- PAN Operations Manual Draft completed and development of state chapters are underway
- Micronesia Challenge 2020 Evaluation and IW GEF Grant awarded for MC2030 planning/implementation and FSM PAN Operations
- Updated National and State Biodiversity Strategic Action Plans (BSAPs)
- CBD 6th National Report completed and submitted to the Secretariat
- PROP 1 – Coastal Fisheries Situational Analysis Report (SAR)
- Launched Blue Prosperity Micronesia program
- FSM Aquaculture Management and Development Plan
- National Seabed Resources Act of 2014



On-Going Projects

- Micronesia Challenge 2030 and BSAP Implementation
- CBD Access and Benefit Sharing Policy Framework development
- PAN Operationalization at National and support States
- PROP 2 (PROPER) – (PPA and Project Implementation document development)
- Blue Prosperity Micronesia program Implementation – 3 pillars of work and expedition
- National Seabed Resources Act of 2014 – framework development and regulations



Pending projects/In the Pipeline projects

- External Funding (Donor / Partners)
 - PROP 2 – PROPER – Coastal and Oceanic Fisheries Management and Development (WB)
 - Regional Fisheries proposal development with CI and SPC for GCF funding – early warning system and FAD program
 - Regional Island 2 Island (i2i) project concept in development with SPREP – Blue Economy development
- Internal Funding (CIP)
 - Coastal Fisheries Policy development
 - National Seabed Resources Act – framework development



Challenges/Issues

- Turn over at R&D
- Staffing
- Travel Restrictions and Transportation options
- Operation / Program Frameworks
- Internal data management systems



Recommendations/Way Forward

- Need for improve communications and collaboration
- Breakout Group questions –
 - How do we best improve communications and coordination between FSM R&D and state counterparts to address state challenges / issues?
 - How can FSM R&D best support your coastal fisheries priorities at the state and community level?
 - What fisheries policies and content are needed at the national level to aid in state / local level coastal fisheries management?
 - How can we best support Micronesia Challenge 2030 (given its new targets) and FSM Protected Area Network at the state and community level?

Thank You!



Yap State Marine Resources



Accomplishments

- With the assistance from NOAA, MCT and YapCAP, the Division of Marine Resources has been able to continue annual coral reef monitoring (CRM) – an essential component to the conservation of marine resources
- More certified divers and a learned marine specialist on board
- More data compilation with the assistance of MCT and partners from UOG
- Supported other programs like PAN, enabling more communities in developing management plans



On-Going Projects

- Data collection in support of the Blue Prosperity Micronesia program
- Data analysis for the CRM project – awaiting report
- Ongoing support with BPM working groups on marine spatial planning and sustainable fisheries



Challenges/Issues

- Completion of the Marine Resources building is slow
- lack of Technical assistance (e.g. marine biologist)
- in-house data infrastructure and associated human capital



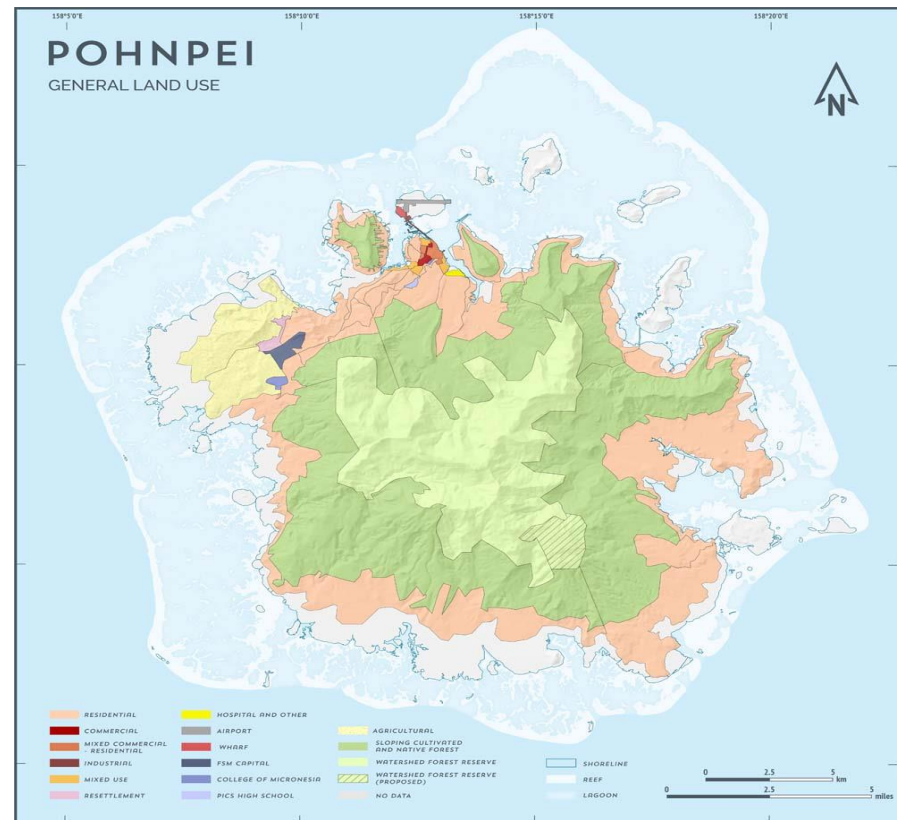
Recommendations/Way Forward

- Enhance monitoring capabilities including recruitment/training of more marine science local experts
- Work with partners to establish the marine data infrastructure in each States
- Expand regular monitoring to outer islands
- Better coordination with YFA and National on sustainable exploitation of marine resources

Kammagar!

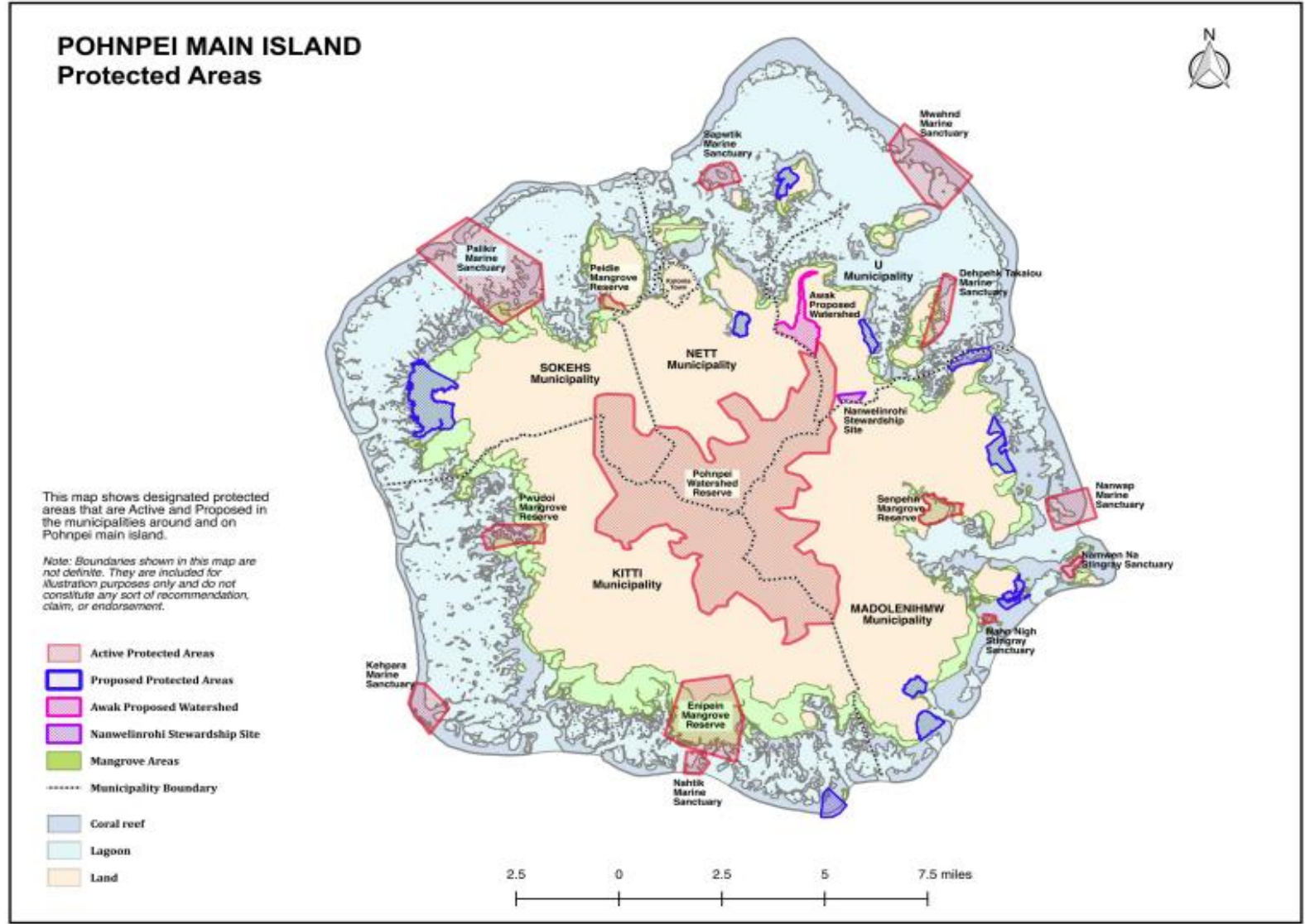


Pohnpei State Marine Resources



Mission Statement:

To protect, conserve and enhance our terrestrial and marine ecosystems, in order, to sustain our livelihood today and for the future generation



Accomplishments

Identified and designated

- (14 & 13) Marine and Mangrove Protected Areas
- Delineation and demarcation of Pohnpei Watershed is done in all the municipalities, except, Nett, Municipality.
- Fish size regulation up dated.

On-going projects

- Continue and complete MPA & Mangrove reserve demarcation by the end of FY22-23.
- Updating management plans for Protected Areas of Pohnpei including mangrove reserve.
- Continuation of Pohnpei Watershed, (Nett, Municipality) FY22-23

Pending projects

- Assessment of cumulative impact of coral dredging & sand mining for Pohnpei State
- Identification and designation of aquaculture sites
- Possible aquaculture collaboration with OFA, COM-Sea Grant and Department of Resources and Development

Challenges and issues

- There is still overlapping mandates or responsibilities in the different government offices and agencies.
- Declining fish catch and size.
- Need build up more capacity.

Kalahngan!



Kosrae State Marine Resources



Accomplishments

- Coastal fisheries infrastructure development projects
- Fisheries extension and support services to local fishermen
- Resource management and conservation programs
- Legislation and policy development



On-Going Projects

- Fisheries Infrastructure Development Projects
- Fisheries Extension and Support Services to local fishermen
- Aquaculture development projects
- Fisheries Enhancement Project
- Review and updating of fisheries legislation and Policies



Pending projects/In the Pipeline projects

- Upgrading of near-shore-pelagic (Tuna) fisheries data collection system
- Establishment of sustainable near-shore FADs
- Establishment of clam meat processing facility
- Fisheries stock enhancement project (trochus and clams spawning and reseeded)
- BPM- Marine Spatial Planning, Sustainable Fisheries, Blue Economy
- Upgrading of maritime safety markers



Challenges/Issues

- Declining of fish stocks
- Aquaculture Development
- Enforcement of fisheries resources
- National and State Fisheries Policies
- Lack funding support from national government to implement state priority projects
- The 2017 JEMCO Resolution for Small Sector Grants, impacted/restricted continued funding for recurrent costs, i.e. Personnel and other normal government office operating expenditures
- COVID-19 Pandemic



Recommendations/Way Forward

- National and State counterparts to strengthen cooperation, collaboration, and communication
- National and State counterparts to prioritize long-term sustainable fisheries projects/programs
- National and State counterparts to be proactive in securing outside funding source to implement project activities identified in the national and state fisheries policies
- National to transfer some of its major assets to be used at the state to implement priority projects

Kulo Ma Lulap!



Chuuk State Marine Resources



Accomplishments

- Chuuk Coastal Fisheries Legislation passed
- Chuuk Protected Area Legislation passed
- Shark finning legislation
- Kuop Legislation
- Chuuk SDP – strategic guidance both on natural resource mgt. & economic development opp.
- Chuuk Biodiversity Strategic Action Plan (BSAP) – strategic guidance for the implementation of biodiversity mgt.
- Search & Rescue and Environmental Impact Assessment



Accomplishments

- Establishment of 5 MPAs and 1 Terrestrial PA
- Completion & endorsement of 3 MPA management plans
- Completion & endorsement of 1 Terrestrial PA management plan
- Clam Aquaculture Training for Community Conservation Officers, State Conservation Officers and PA Rangers
- Legal review and update of draft Chuuk State PAN Regulations
- Coral Reef Monitoring with local team
- Hiring of Chuuk State PAN Coordinator



On-Going Projects

- Chuuk State Ridge to Reef Project
- NOAA Coral Reef Monitoring
- Blue Prosperity Micronesia
- Clam Aquaculture in two MPAs
- FDAPIN Program with Japanese Gov't
- Aquaculture pilot program with KIOST
- Oil removal program with JMAS



Pending projects/In the Pipeline projects

- GEF6 – Alien Invasive Species
- GEF 7 – Sustainable Land Management



Challenges/Issues

- Protecting vs. Livelihood.
- Inclusion of rural area (outer islands) in domestic fisheries market.
- Capacity – technical and personnel
- Inadequate of Funding
- Staffing
- Travel closure
- Data management
- Climate Change



Recommendations/Way Forward

- Communication and Coordination should be improved.
- Revitalize the Transshipment Port
- Capacity Development
- Collaboration

Kinisou Chapur!