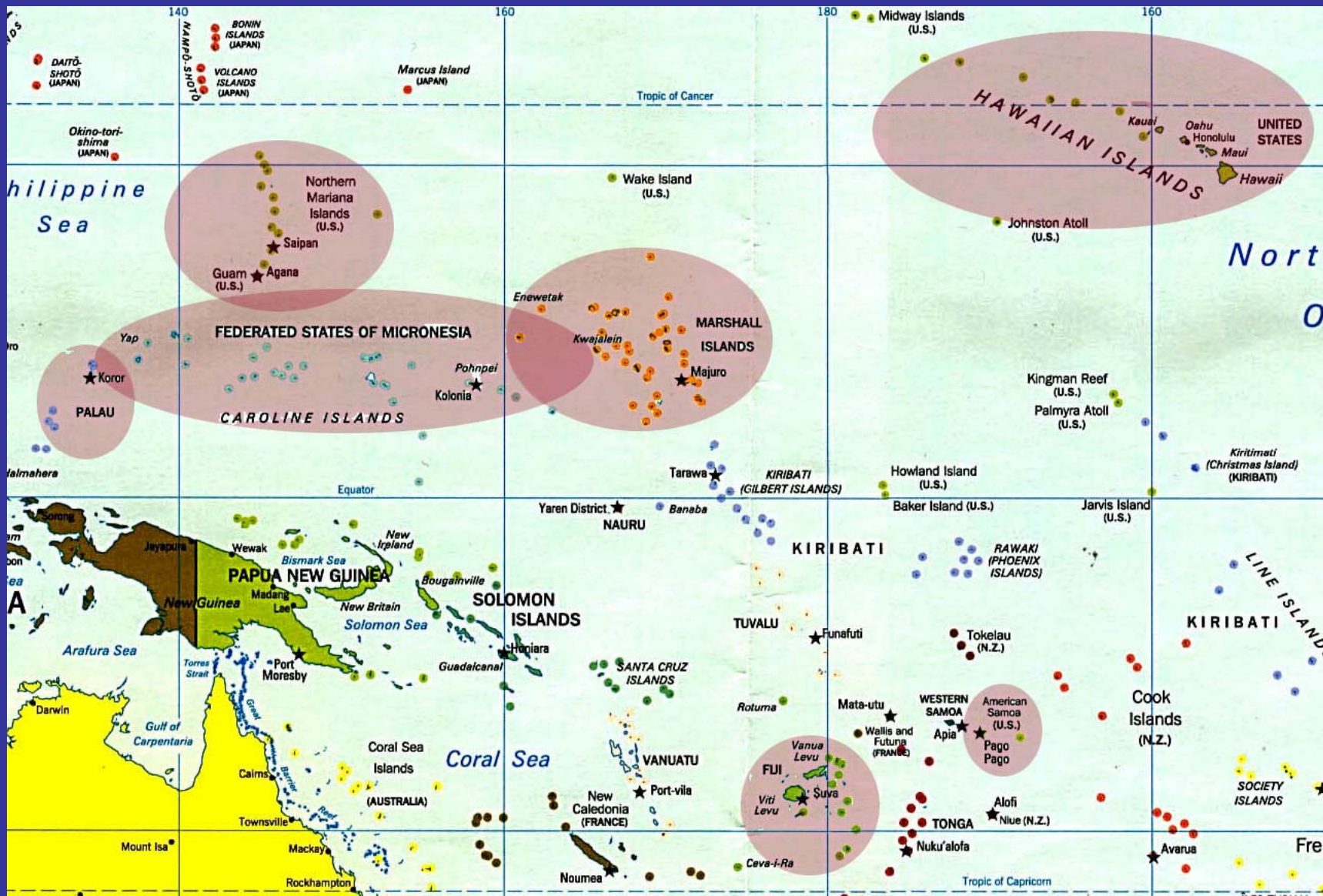


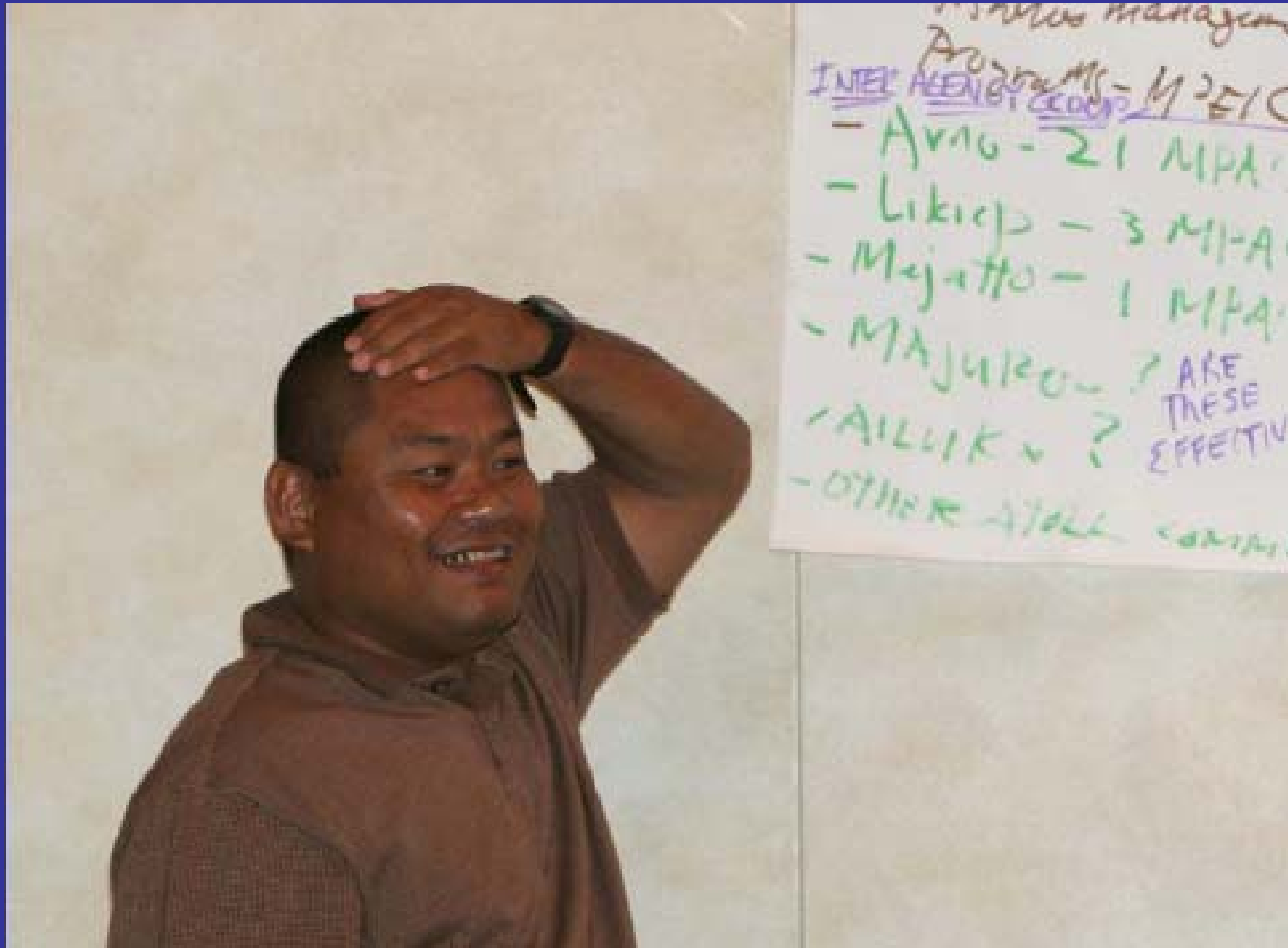


Presented by:

Albon Ishoda - Marshall Islands Marine Resource Authority

Meghan Gombos - National Oceanic and Atmospheric Administration





Programs management

Programs - MPEIC

- Avig - 21 MPA
- Likiep - 3 MPA
- Majatto - 1 MPA
- MAJURO - ? ARE THESE EFFECTIVE
- AILLIK - ?
- OTHER ATOLL COMPANIES









ACTIONS

1. Community to develop Vision & plan
2. Establish management Zone
- 3.

NABIK MPA

1. G-ROCK 5
2. UNDEAN PATH 5
3. PARROT BAY 6
4. BROWNS BAY 3
5. BROWNS BAY 3
6. BROWNS BAY 3
7. BROWNS BAY 3
8. BROWNS BAY 3
9. BROWNS BAY 3
10. BROWNS BAY 3

- OPMI
- Monev
- LINA 28
- Reef fish #5
- Akula #6
- OPELI #4
- UH #8
- HU #12
- WWA #11
- Pelagic fish #14
- Ash UH #5
- Coral reef #7
- Coastal areas
- KAREE
- UH #16
- KAREE Bay #12
- Tuna fish #1

OPPORTUNITIES

1. TRADITION IS STILL ALIVE
2. WELL-ORGANIZED AND STRONG COMMUNITY
3. NGO SUPPORT AND GOVT.

1. RESISTANT PEOPLE (NO DRUGS)
2. CLOSE FAMILY (TRADITIONAL VALUES)
3. LOW COST OF LIVING
4. "KAREE" KANO HIKI
5. PLENTY WITH TA

1. LOSS OF VALUES
2. DRUGS
3. DEVELOPMENT
4. HIGH COST OF LIVING
5. LACK OF PROTECTED MEMBERS FOR RESOURCES
6. COMMERCIAL ENTERPRISE
7. DESTROYING OF BAHU SPECIES
8. Annual STERLING LEAD
9. LOTS OF TRAD. FISHING AREAS



Yap Vision

What does Vision - Community still using

- The Resurveys.
- Very Clean Environment with rich in marine.
- Lots of Napoleon Fish for more reproduction.
- Families and community use the site in a conservative way.
- Healthy Coral Reef that could see Napoleon for more fish.
- Paradise with many health facilities and meeting grounds lots of Birds.
- More Crampers and Civil Cars within 10 years.
- Foster Jobs in areas of tourism for more tourist to visit the Site.

Threats & Challenges Yap

- Illegal Fishing by International Community.
- Maldives as Illegal Fishing & Destroying the reef?
- Community not working together.
- Lack of resources of local people.
- Lack of training.
- Lack of equipment.
- Lack of funds.

Opportunities Solutions

Targets Yap

- Fish
- DAMS
- Giant Eeltoke (fish) *
- Parrot fish *
- Bump Head Parrot *
- Corals *
- Unicorn fish *
- Octopus *
- Rabbit fish *



PROBLEMS (Nantik) 1/3

1. Lack of enforcement (and no response that was complete)
2. Poor land-use practices
3. Shoreline development
4. Forest clearing / sakan
5. Low tourism
6. Lack of awareness in neighboring communities of the benefits of the MPA

Actions (Nantik)

1. Enhance partnership w/ 10%
2. Work with MO+AOU to develop mgmt plan
3. Env. education
4. Delinked WFR
5. Decrease forest clearing
6. Advertise, increase ecotourism
7. Land use mgmt plan

Threats	Target	A	I	U	T
excess forest	1	3	1	1	6
poaching	4	3	3	3	13
shoreline clearing	3	1	2	2	8
shoreline dev	11	3	2	2	17
lack of enforcement	11				
lack of awareness in neighboring comm of MPA benefits	12				
poor land-use practices	5				
low tourism	6				

AGOURAMAU (Nantik) Vision

1. Abundant resources in
2. more secure of life
3. traditional culture practices being valued
4. No more poachers
5. delinked watershed boundaries
6. sustained, complete response issues for community
7. strong partnership with MO/landowners to
8. what program response

MEAS	TARGET	MEA
-3	3	
-4	3	
-4	2	
-4	2	
-2	1	

URGENCY	DESIRE	TRIAL
1	2	9
3	3	13
3	2	11
3	3	9
2	2	9

GUAM VISION TUMU FAY

WAKUWAKU...
 - More RESOURCES? Community Supported? Perfectly Managed?

TUMU FAY FEATURES:
 ELEM ENVIRONMENT, RESERVING CULTURAL PRACTICE, ECO SYS...

PUMUPE!

Goal: Restore Ecosystem
 What: Address &
 How: Educate



Ubr/Tbr

3	15
3	14
3	13
3	9
2	9
3	13

BOAT HARBOR

do you engage chiefs, fishermen, landowners, people?

UBR VISIONS

Mangroves: Maintain mangroves forest for next ten years

UBR & RRR
Enforce fishing laws
prohibit mangrove by
3rd Qtr. 2007.

TF Meeting
Club Rep.

educational

UBR

lecture: Kill
assist UBR
viable alternative

Village
XXX mangro

Road

Priority

1. OVERFISHING (POLUTION)
2. NO LAWS/IN
3. COT
4. ↑ DEVELOPED
5. POLLUTION

Jobst Goal =

People of Jahit
together to manage
fishing grounds

Objective: CAC

gov. = national gov
enforce manage
plan of SACB

Actions: conduct
meeting
- make rule
- monitor progress
- meeting to report
- local gov
- set priority
- 12 months

UBR ACTIVITIES

illegal fishing methods
- give boat authority to local
residents (deputize)

conflict b/w trad + com
- create alternative income
generation
- strong outreach campaign

Lack of financial support

- visiting fish
- permits for other activities
- identify secure other grant
opportunities



EPINUP

PEIDIU

NICHAP

NEAUO

BLUE LAGOON RESORT

Village boundary

Back

SOA | HARBOR

do you engage chiefs,
ditional leaders, people

UBR : VISIONS

Mangroves: Maintain mangroves forest for next ten years.

Objective: Ensure passing laws to ^{recognize UBR} protect Mangrove by KSL 3rd Qtr. 2007.

Actions: ~ UBR TF Meeting with State Reps.

~ Statewide educational Awareness using:
: Media
: Posters
: Community Mths.

UBR : VISION

Objective: KIRMA & KCSO to assist UBRTF in Identify sustainable alternative energy....

— Village
XXX Mangrove
... mangrove
— Road

WICHAP

EPINUP
250 people

Priority Threats

	DIRECT	INDIRECT	
1. <u>OVERFISHING</u> POLLUTION	✓		POLLUTION
2. NO LAWS /	✓	✓	
3. COT	✓		
4. ↑ DEVELOPMENT	✓	✓	OVERFISHING
5. POLLUTION			

THREATS

POLLUTION

OVERFISHING

NO Law/moderate

COT

development

Jason
Jack
KCSO

COMMUNITY V

BIOSPHERE

ee mang
model pr
-ever



Project/Action	Who	Date Due	Cost
Find Funds for training local community members in entrepreneurship	(LNU) Scott Whang Wayne	Oct 2008	\$6,000
Hire 6 Community Conservation officers	WETA Whang Wayne	Nov 2008	\$30,000
contact various interested agencies for fees	BEAR SCN Dennis DLNR	Oct Nov 2006	\$5,000
Develop plans for Oct 09	WETA	Jan 2007	\$10,000, 00

Hawaii Hookers			
WHAT	How	Why	Who
Develop plans for March	Partnering Community to address business - Local community members, guide - all business, business members (KUPA)	Proposed new idea to use all outdoor	BEAR SCN - DLNR - WETA - WETA Office





What?	How?	Why?
Public Awareness	Outreach activities by communities	Informal
Public Hearing	Schools	Get messages across (14)
Community Meetings	Conduct 3- to inform community about the protected area & school charges & visit (14)	Get messages across (14)
Charter of Environment (for villages)	area of school charges & visit (14)	Get messages across (14)
	USAID, Society, Municipal govt official	

Obj 1 -> A. Sam
To conduct 16 outreach
of Turbulent Times in the community based
influence action and decrease environmental
problems.

GOAL: To increase Public Awareness on Environmental Issues in Turbulent Times

CHUK OBJECTIVE #1:
To conduct 16 outreach
in 5 communities

... areas to
collaboration, cohesiveness
and respect for
198.

Priority Threats

	DIRECT	INDIRECT
1) ...	✓	
2) ...	✓	✓
3) ...	✓	
4) ...	✓	✓
5) ...	✓	

Conceptual Modeling
Marshall Islands Pingler

Conservation target

- 1) Food fish - parrot, ...
- 2) Mangroves
- 3) Nesting areas / sea-
- 4) coconut crabs / or-
- 5) tortoises
- 6) giant clams
- 7) coral reefs
- 8) ...

— Village boundary
XXX Mangrove.
... mangrove cutting

— Road.
? Degraded mangrove









NATURAL RESOURCE TARGET

CNMI
N.R. Targets
MANAGAHA

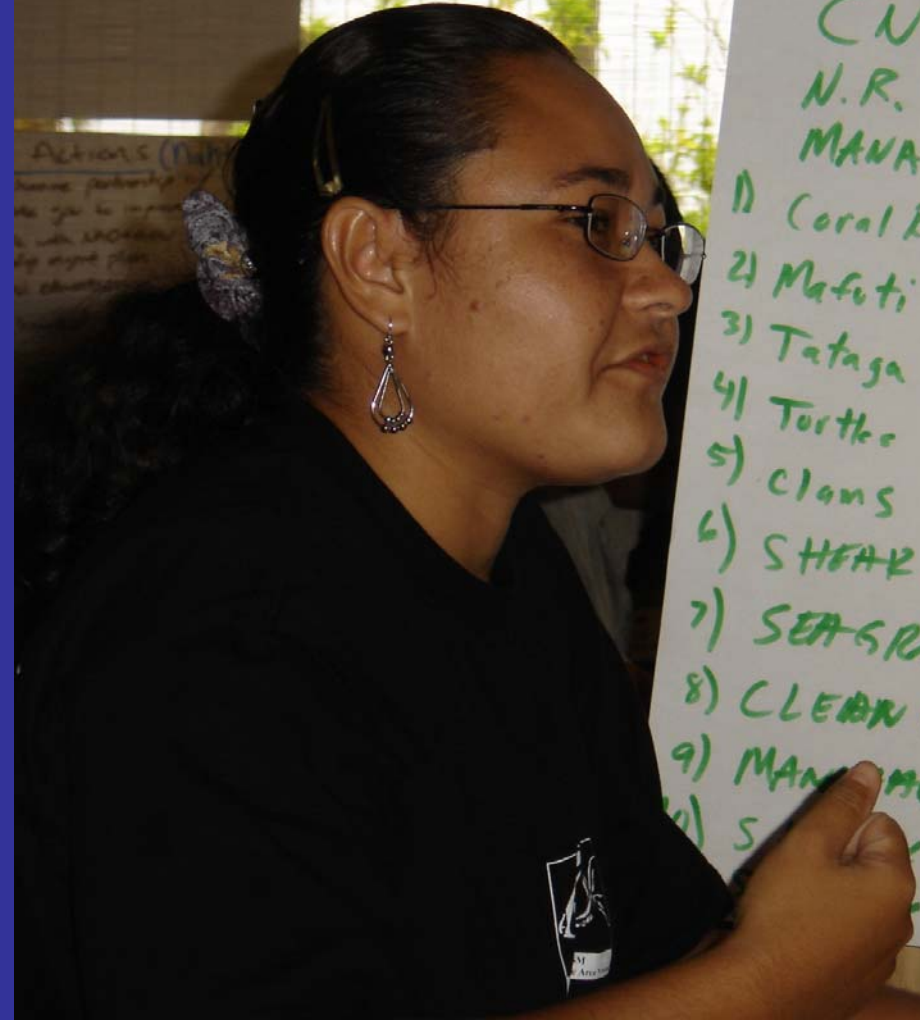
Priority

- 1) Coral Reefs
- 2) Mafuti
- 3) Tataga 13) Cultural
- 4) Turtle 14) Historical
- 5) Clams
- 6) SHEAR WATERS
- 7) SEA-GRASS
- 8) CLEAN BEACH
- 9) MANAGAHA
- 10) S...

- 1) REEF FISHES
- 2) Coral
- 3) SEATURTLES
- 4) SHEAR WATER
- 5) CLEAN BEACHES
- 6) SEA-GRASS
- 7) ...
- 8) ...
- 9) Historical

... development
... planning
... management
... monitoring
... evaluation

... economic
... cultural
... subsistence





- comprehensive set of regulations

GUAM: VISION TUMON BAY

10 YRS VISION

- HEALTHY CORAL REEF
- CLEAN WATER
- PROTECTION OF CULTURAL PRACTICES
- AI

UBR ACTIVITIES

UBR activities include:
- community-based monitoring
- community-based management





Threats

- Pollution (sewage, oil spill, run)

Post-it

is a healthy environment
that supplies and
provides















Th.	Trng.	Area	Priority	Urgency	Total	Score
5	3		5		13	140
7	1		3		4	140
9	3		1		4	160

Action	Who	Due Date	Cost

Strategic Action Plan

- Coordinate Target
- ...

YAD

CUMT

Obstacle

- LACK OF ...
- Political ...
- In ...
- T ...

DELINE

death, tourist impacts



PMPAC Workshop Objectives

- > learn about MPA management
- > to have an overview of MPA management plan of the island
- > to get feedback from local experts on training needs
- > to help develop new MPA
- > to strengthen existing management plans
- > to improve MPA management
- > to learn about MPA management techniques
- > to fish away illegal
- > to develop new income people to carry out restoration efforts in the region
- > to identify technical & financial resources for MPA
- > to learn more about community based management
- > to learn how to participate
- > to learn about quality local planning processes
- > to promote sustainable development of region
- > to help new MPA develop

COMPONENTS of an EFFECTIVE MPA

- * Community Support
 - + An educated & involved community (education & outreach program)
 - + enforcement
 - + clearly defined laws & regulation
 - + community capacity for monitoring
 - + sustainable funding
 - + good biological & socio-economic monitoring
 - + economic income / alternative income
 - + awareness of traditional management techniques
 - making laws compatible with local custom
 - * containing traditional & modern methods of management
- * effectiveness
- * clear boundaries
- * adaptive
- * support / plan
- * adequate protection
- * having the right
- * good site selection
- * management
- * stakeholder involvement
- * ensuring user participation
- * regional network
- * knowing about it
- * effective leadership
- * government / private









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