

Manajmen Plan Blong Nguna-Pele Marine Protected Area

Republic of Vanuatu

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Introduction

Mifala ol staff mo komiti blong Nguna-Pele Marine Protected Area wetem ol jifs mo ol pipol blong tufala aelan Nguna mo Pele, mifala I presentem manajmen plan ia blong lukaotem gud ol risos blong yumi blong Nguna mo Pele.

Plan ia hemi blong gaedem ol wok mo fiuja developmen blong Nguna-Pele Marine Protected Area. Ol ruls mo aksen long plan ia hemi blong kaveremap evri memba MPA komuniti long Nguna mo Pele. Be evri velej I kat own raet blong ademap sam by-laws blong olgeta.

Fiseris Divisen blong Ripablik blong Vanuatu I bin pasem Fiseris Act CAP 158 long 1982, revised long 1988 mo 2005. Insaed long Act ia I kat sam ruls mo regulesens we hemi loa blong Vanuatu. Nguna-Pele MPA I bin ademap sam mo spesel rul ia insaed long manajmen plan.

Deskripsen blong Eria

Geography

Ripablik blong Vanuatu hemi wan smol kaontri long Saot-West Pasific we hemi klosap 1,900km Not-East long Brisbane, Australia. Vanuatu hemi kat ova long 80 aelans we kolosap evri wan hemi volcanic.

Nguna mo Pele aelans oli ol smol volcanic aelan we oli stap long klosap long not koast blong Efate. Festaem Nguna mo Pele oli bin pat blong Efate be oli bin brekap folem sam eart-quake long Quaternary taem. Nguna mo Pele oli stap 7km mo 5km aot long Not long Efate. I kat wan smol pases we I ron bitwin long tufala aelan we hemi 30m nomo.

Nguna hemi wan bigfala aelan we hemi kaveremap 2,800 hectares, mo elevesen blong hem I kasem 593m. Pele hemi stap long saot-east mo hemi kaveremap 440 hectares mo elevesen I kasem 198m long hill blong hem.

Nguna mo Pele oli stap long 17°S mo oli stap insaed long Tropic blong Capricorn. Olsem, oli stap kat wan tropical mo sab-tropical climate. Long manis Novemba kasem April hemi taem blong ren, hot mo saeclon. Long manis Mei kasem Oktoba hemi taem blong win, colcol mo ples I drae.

Envaeronmen

Bus

Ol plan mo animol long tufala aelan kolosap oli semmak. Long bus I kat plante olfala kokonut plantesen we I raonem tufala aelan. Be tu insaed long bus I kat plante Purao tri, Kasis mo Napanga. Sam pleses long Nguna mo Pele I stap kat dak bus we hei kat ol gudfala timba tri olsem Waet wud mo Sandalwood mo ol frut tris olsem Nakatambol, Natavoa mo Nangai. I kat plante karen we ol man oli stap mekem insaed long bus we oli stap brasem mo bonem. Insaed long ol karen ia oli planem yam, banana, taro, manioc, cabis, paenapol mo mandarin.

Solwota

Long Nguna mo Pele I kat tufala saed. Long Not-East, hemi raf mo solwota I stap brok long ples ia folem ol win, be long Saot-West hemi kwaet mo yumi save faenem ol lagun.

I kat ol korel rif we oli stap gro raonem tufala aelan Nguna mo Pele. Sam long ol rif ia oli helti gud, be sam oli no helti tumas. I kat sam saeclon we oli brokem sam rif mo tu ol rabis stafis (Intau latesa) I bin kaikai samfala rif. Rif raon long tufala aelan hemi sot nomo we stat long sanbis I save ko 30-50m befo hemi mitim blu ples mo dip wota. I kat sampleses, olsem insaed long Undine Bay we rif hemi longfala mo I save kasem 1km bifo I kasem dip wota.

Ol rif long tufala aelan oli kat plante tabel korel mo samfala korel we hemi olsem tri. Long tufala aelan bae yu save faenem plante impotan risos long rif olsem Fis, Trokas, Naura, Natalae, mo Nawita.

Pipol

Ol pipol blong Nguna mo Pele oli ol blak melenesian we oli lev long tufala aelan stat long ova long 2,000 yias bifo waet man I kam. Tedei ol pipol oli lev long ol velej we I kasem 12 long Nguna mo 4 long Pele. Wan wan velej I kat bitwin 7 mo 55 haos long hem. Total populesen long tufala aelan I klosap long 2,500 pipol.

Ol man oli stap winim mani long maket we oli stap salem kaikai blong karen wetem ol marin risos. Samtaem oli no pem kaikai nating be oli kaikai nomo long bus mo solwota.

I kat three praemeri skul long tufala aelan, we wan long olgeta hemi wan junia sekonderi skul tu. Most long olgeta pipol long tufala aelan oli ko kasem clas 6 nomo. Sem taem tu I kat three aid post long tufala aelan we ol komuniti helt woka oli stap wok long hem. Long ol aelan ia, ol man oli stap kasem sik malaria, sik blong suka mo ol sik blong no klin gud wetem soap.

Long Nguna mo Pele aelans kolosap evri man, woman mo pikinini hemi biliv long Christian faith we I kat ova long 6 dinomenesen (we hemi inkludim Presbyterian, SDA, NDM, Healing Ministri, Rivaevol, mo Niu Kovenant).

Nguna-Pele Marine Protected Area

Histori

Nguna-Pele Marine Protected Area hemi stat long yia 2003 taem we 4 jif oli kam tugeta blong saenem wan agrimen blong wok tugeta anda long nem ia Nguna-Pele MPA. Plante velejes long tufala aelan I bin kat ol konsevesen erias mo tapu erias long taem finis olsem Mere-Sauwia we hemi stat long 1998 mo Piliura we hemi stat long 2003.

Tinktink blong fomem organisesin ia hemi kam aot long wan Pis Kops volontia we hemi kam stap long long Taloa long Nguna long 2003. Long lukluk blong hem wetem ol kaontapat blong hem, taem evri wan I kam tugeta blong wok wan ples, bae developmen mo konsevesen hemi save kam mo efektif.

Stat long 2003, Nguna-Pele MPA I bin statem plante projek olsem wan organisesen wetem sam help blong ol lokal dona organisesen. Long 2004, MPA I bin stanemap wan base long Taloa blong holem mo lukaotem ol properties blong Nguna-Pele MPA.

Long 2005, wan niufala volontia hemi joinem Nguna-Pele MPA blong strongem organisesen espesili blong bringim evri velej I save kam tugeta mo wok olsem wan grup nomo. Folem advice blong volontia ia, long 2006 Nguna-Pele Marine Protected Area I bin setem ap wan Management Komiti we hemi open long evri velej long tufala aelan. Afta long Manajmen Komiti hemi set ap, oli bin jusum three permanent mo paid staffs blong wok long MPA.

Finally, long June 2006, evri velej I bin kam tugeta blong diskasem sam fiuja plans blong manajem MPA mo ol weis blong mov forward long organisesen ia. Long miting ia evri velej I bin identifiaem ol bigfala issues blong olgeta mo ol solusens blong ol. Folem miting ia, Managment Komiti I bin givim raet long ol staffs blong putum tugeta evri samting long wan draft manajmen plan we yumi stap kat tedei.

Rol blong MPA

Long woksop long June 2006 I bin kat plante diskasen long saed blong rol blong Nguna-Pele MPA insaed long wan wan komuniti long tufala aelan ia. Folem wan gudfala diskasen ol patisapents blong woksop oli kam ap wetem ol definisens ia:

Marine Protected Area: Wan eria we hemi save kaveremap solwora mo graon we hemi kat sam ruls blong ol man oli usum long wan we wei we hemi manaj gud.

Konsevesen Eria: wan eria long solwora o graon we hemi tabu blong man I save karem aot eni samting long hem we bae I stap long oltaem long fiuja I ko.

Tapu Eria: wan eria long solwora o graon we hemi tabu blong man I save karem aot eni samting long hem we bae I stap long wan smol taem nomo, mo wan dei bae ol man bae oli save ko usum bakagen.

Folem ol definisen ia, olgeta patisipen blong Management woksop oli bin agri se evri eria long Nguna mo Pele aelan hemi foldaon insaed long Nguna-Pele Marine Protected Area we hemi kolosap 4,720 hectares. Olgeta eria blong solwora, lagun mo korel rif hemi raonabaot 1,500 hectares. Tok tok ia I minim se MPA I kaveremap ol erias we oli open mo ol erias we oli klosed, fromse evri ples raon long Nguna mo Pele hemi kat ol kastom ruls blong usum long wan stret fasin.

Evri velej I kat own raet blong hem blong hemi save setemap ol Konsevesen Erias mo ol Tapu Erias. Mo wanem ruls velej I wantem putum hemi kat ful raet blong putum.

Nguna-Pele MPA bae I stap olsem wan umbrella organisesen blong asistem wok blong ol wan wan velej mo komuniti long saed blong konsevesen. Nguna-Pele MPA bambae hemi save asistem ol memba komunitis wetem edukesen, awareness, monitoring mo sam faenansol mo material asistens.

Nguna-Pele MPA bae I provaedem ol materials mo ol staffs folem wan MPA agrimen we evri memba velej I mas saenem bifo hemi save kam wan ful memba. Ol narafala velej oli save kam insaed long organisesen long eni taem we oli wantem saenem MPA agrimen. Be plante awareness I save ko hed even sapos velej hemi no joinem MPA olsem wan ful memba.

Manajmen plan ia hemi wan pat blong agrimen blong wan velej I save kam ful memba. I kat ol ruls mo narafala regulesen we evriwan I mas obey long hem folem fasin blong

usum gud ol risos blong Nguna mo Pele aelans. MPA bae I save aystem ol wan wan komuniti blong enfosem ol ruls blong MPA.

Misson Statmen

MPA hemi wantem promotem gud wei blong usum ol risos blong solwota wetem bus fromse ol risos ia oli stat blong ko lus, mekem se yumi stanemap MPA blong inkrisem namba blong ol risos blong yumi. Tingting bihaenem MPA hemi se ol risos ia oli blong usum blong benefetem laef mo ol fiuja generesen blong yumi.

Issues

Ovahavest

Wan mein issue we ol pipol blong Nguna mo Pele oli stap konsen tumas long hem hemi ovahavest long ol risos long solwota mo long graon. Ovahavest hemi minim taem we ol man oli stap karem tumas risos long wan wei we bae envaeronmen hemi no enuf blong mekem sem namba bakagen kwik taem. Ovahavest I minim se yumi stap karem aot ol risos tumas long wei we bae I stap daonem namba blong evri risos blong fiuja.

Long Nguna mo Pele aelans ol man oli bilif se I kat sam animol we yumi stap ovahavestem. Long woksop ol man oli leftemap ol nem ia: Fis, Nawita, Natalae, Troka, mo Biche-de-mer. Folem tingting blong woksop ol man oli biliv se I sud kat sam lemet I ko long ol namba blong ol risos ia we hemi stret blong karem aot.

Tekem Andasaes

Narafala issue we ol pipol blong Nguna mo Pele oli stap konsen tumas long hem hemi tekem andasaes risos long solwota mo long graon. Tekem andasaes I minim taem wan man I tekem wan plan o wan animol we hemi smol smol tumas. Yumi save se evri animol I save brid (mekem pikinini) taem hemi bigwan. Be taem yumi tekem andasaes, I minim se yumi stap tekem ol pikinini we oli no kat janis iet blong oli save mekem pikinini bakagen. Sapos yumi stap karem ol pikinini, bae long fiuja bae I no save kat bigbigwan bakagen fromse I no mo kat niu bebi I ko insaed.

Long Nguna mo Pele ol man oli stap konsen bigwan long ol man we oli stap tekem andasaes fis, natalae wetem troka. Folem tingting blong woksop ol man oli biliv se I sud kat sam lemet long ol saes blong ol risos ia we hemi stret blong karem aot. Sem taem tu, oli luksave se ol bigbig risos I save mekem mo ek bitim ol smol smol wan. Olsem, oli luk se maet I nid blong yumi putum wan lemet I ko antap tu long livim ol bigfala mama I stap blong mekem mo pikinini.

Rif Damage/Ded Rif

Truaot long laef blong Nguna-Pele MPA ol man oli stap konsen bigwan long problem ia we rif I stap ded. Folem ol stori blong bifo, ol man oli stap luksave se rif blong olgeta I stap jenis bigwan fromse korel I stap ded plante naoia.

Long manajmen woksop, ol patisepens oli bin aedentifaem tufala risen why rif I stap ded:
1) from ol natural risens, mo 2) from ol aksen blong man.

Ol natural risen hemi kaveremap evri samting we man I no mekem blong spoilem rif, olsem cyclone, wave, climate change mo tempaja blong solwota. Ol samting ia hemi had blong yumi save jenjem fromse ol problem ia oli stap kam aot long ol global aktivitis.

Ol aksen blong ol man, ol man oli aedentifaem olsem ol samting wan man nomo hemi mekem blong kilim ded rif. Ol MPA manajmen woksop patisapens oli bin aedentifaem ol samting olsem usum poisen, usum bom, sakem anka long rif, brokem rif blong karem aot wita mo sel, katem tris long bus, bonem hill, sakem doti long rif mo wokbaot long rif olsem ol weis we ol man nomo oli stap damejem rif.

Folem manajmen woksop ol memba komunitis blong Nguna-Pele MPA oli biliv se I sud kat sam ruls long solwota blong mek sua se man I no stap kilim tumas rif. Oli tingbaot setem ap ol moorings blong ol bot I no sakem anka olbaot mo tu oli bin tingbaot sam weis blong planem korel bakagen blong rif I save laef.

Polusen

Olsem we Nguna mo Pele oli stap aotsaed long men municipality blong Port Vila, I no kat eni fasilitis blong kolektem mo throwem-wei rabis. Evri haos long Nguna mo Pele oli stap usum ol foreign materials olsem ol plastics, pepa, glas mo tins. Fromwe I no kat tumas awareness long ol samting ia mo I no kat eni ruls long saed blong sakem rabis, ol man long Nguna mo Pel oli bin putum se rabis hemi wan namba wan priority blong olgeta.

Ol plastics, oli stap long long taem long wol ia mo taem oli ko long solwota ol animol blong solwota oli save kaikai mo bae oli ded. Ol tin oli save rosta mo mekem poisen I ko long wota. Sem taem tu, oli save kolektem wota mo mekem se moskito I kat ples blong putum pikinini. Glas, taem I brok I save katem leg blong man, mo hemi save mekem ples I no luk naes. Ol narafala doti olsem batri mo pent, oli save poisenem rif mo mekem se ol risos oli sik o ded.

Sam tingting blong ol woksop patisapen hemi blong postem sam pano long ol velej blong rimaendem olgeta long no sakem doti olbaot. Mo tu oli bin wantem digim sam hol blong berem doti long hem mo ronem sam klinap kampens long wan wan komuniti.

Aksen mo Solusens

<i>Issue</i>	<i>Activity</i>	<i>Hu bae I mekem?</i>	<i>Wanem taem?</i>
Ovahavest			
	awareness	staff	bifo Okis 2006
	surveys- Rif Jek	staff	4x long wan yia
	setem ap moa Konsevesen/Tabu Erias	1 wan velej	Naoia
	setem ap ol ruls mo regulesens	1 wan velej	naoia
	givem aot informesen long wan gudfala namba blong ol man oli save tekem	staff	bifo Okis 2006
Tekem Andasaes			
	awareness	staff	bifo Okis 2006
	putum sam saes lemet	1 wan velej	

	givem aot informesen long wan stret saes blong ol man oli save tekem	staff	
	stanemap wan Measurement Board	staff	Oktoba 2006
Rif Damej			
	awareness	staff	bifo Okis 2006
	mekem bot moorings	staff + velej	Novemba 2006
	planem korel	staff	Septemba 2006
Polusen			
	awareness	staff	bifo Okis 2006
	stanemap sam pano/notis	staff + velej	Oktoba 2006
	digim hol blong doti	velej + staff	August 2006
	Klinap Kampen	staff + velej	4x - 1 yia

Awareness mo Topiks

<i>Awareness</i>	<i>Namba</i>	<i>Topic</i>
Velej	1	Ovahavest, andasaes, rif damej
Velej	2	Biche-de-mer, totel, korel rif
Velej	3	Konsevesn Erias mo Tabu
Velej	4	Polusen mo Rabis
Velej	5	Ruls mo Regulesen blong Fiseris wetem MPA
Skul	1	Earth Day; Rabis
Skul	2	Totel
Skul	3	Fis
Skul	4	Korel Rif

Rul mo Regulesen blong Fiseri Divison

Saes Limit

Rul blong Dipartment blong Fiseris long saed blong saes limit. Hemi minim taem we yu karem wan samting yu mas karem stret saes blong hem blong no spoelem ol populasen blong samting ia. Sapos yu brokem eni rul ia, bae yu mas pem wan faen I ko long Nguna-Pele MPA we hemi 10,000vatu. Sapos yu brokem bakagen, bae MPA I pasem yu I ko long kot we bae yu save faen I stat long 100,000 vatu.

(1) **Troka:** Long Vanuatu yu no save karem, salem o pem eni troka we hemi smol moa bitim 9 sentimeta mo bigfala moa bitim 13 sentimeta. Hemi tabu blong karem aot long kaontri sapos yu no kat permit. **Fiseris Regulesen:** *Faen i save go kasem 100,000 vatu.*

(2) **Bubu sel:** Long Vanuatu yu no save karem, salem o pem eni bubu sel we hemi smol moa bitim 20 sentimeta. **Fiseris Regulesen:** *Faen i save go kasem 100,000 vatu.*

(3) **Krab Kokonas:** Long Vanuatu yu no save karem, kaekae, salem o pem eni kaen krab kokonas we hemi smol mor bitim 9 sentimeta long hed blong hem kasem start blong tel blong hem (bodi

blong hem nomo). Mo tu yu no save karem wan we hemi gat ek. Mo tu yu no save fosem hem blong hemi lego ek blong hem. **Fiseris Regulesen:** *Faen i save go kasem 200,000 vatu.*

(4) **Naura:** Long Vanuatu yu no save karem, kaekae, salem o pem eni naura we hemi smol moa bitim 22 sentimeta from top blong hed (gat spaen) i go kasem en blong tel blong hem. Mo tu yu no save karem eni we i gat ek. Mo tu yu no save sperem naura wetem masket, aeon mo spea. Mo tu yu no save fosem hem blong lego ek blong hem. **Fiseris Regulesen:** *Faen i save go kasem 100,000 vatu.*

(5) **Flat Naura:** Long Vanuatu yu no save karem, kaekae, salem o pem eni naura we hemi smol moa bitim 15 sentimeta from top blong hed i go kasem en blong tel blong hem. Mo tu yu no save karem eni we i gat ek. Mo tu yu no save sperem naura wetem masket, aeon mo spea. Mo tu yu no save fosem hem blong lego ek blong hem. **Fiseris Regulesen:** *Faen i save go kasem 100,000 vatu.*

(6) **Grin Snel:** Long Vanuatu yu no save karem, salem o pem eni troka we hemi smol moa bitim 15 sentimeta. Hemi tabu blong karem aot long kaontri sapos yu no kat permit. **Fiseris Regulesen:** *Faen i save go kasem 100,000 vatu.*

Narafala rul

Ol narafala rul we Fiseris Divison oli ademap insaed long Fisereis Akt long 1982 we hemi kaveremap evri man long Ripablik blong Vanuatu. Sapos yu brokem eni rul ia, bae yu mas pem wan faen I ko long Nguna-Pele MPA we hemi 10,000vatu. Sapos yu brokem bakagen, bae MPA I pasem yu I ko long kot we bae yu save faen I stat long 100,000 vatu.

(7) **Total:** Long Vanuatu yu no save distebem, tekem, holem, salem mo pem eni ek blong total; mo tu yu no save tajem eni total nest; mo tu yu no save salem, pem o eksptem eni hawksbill total o sel blong hem. **Fiseris Regulesen:** *Faen i save go kasem 100,000 vatu.*

(8) **Biche-de-mer:** Long Vanuatu hemi tabu blong karem aot long kaontri sapos yu no kat permit. **Fiseris Regulesen:** *Faen i save go kasem 100,000 vatu.*

(9) **Crab mo Naura:** Long Vanuatu hemi tabu blong karem aot long kaontri sapos yu no kat permit. **Fiseris Regulesen:** *Faen i save go kasem 100,000 vatu.*

(10) **Korel Rif:** Long Vanuatu yu no save brokem mo karem aot moa bitim 3 pis long wan dei. Mo hemi tabu blong karem aot long kaontri sapos yu no kat permit. **Fiseris Regulesen:** *Faen i save go kasem 100,000 vatu.*

(11) **Aquarium (kala kala) Fis:** Long Vanuatu hemi tabu blong karem aot long kaontri sapos yu no kat permit. Mo tu yu mas kat permisen blong ol kastom owna tu. **Fiseris Regulesen:** *Faen i save go kasem 100,000 vatu.*

(12) **Dolfen, Welfis mo Dugong** Yu no mas kasem, holem mo ronem eni marine mamol long solwota blong Vanuatu. Sapos yu kasem eni we yu no minim yu mas letem i go bak long solwota, mo hemi tabu blong yu kilim hem mo putum eni mak long bodi blong hem. **Fiseris Regulesen:** *Faen i save go kasem 10 million vatu.*

(13) **Poisen mo Bom:** Long Vanuatu hemi tabu blong usum poisen mo bomb long kilim o mekem fis I sek blong yu kasem. Mo tu hemi tabu blong yu holem eni poisen mo bom wetem yu taem yu ko long solwota. **Fiseris Regulesen:** *Faen i save go kasem 1,000,000 vatu.*

Rul mo Regulesen blong Nguna-Pele MPA

Ol rul ia Nguna-Pele Marine Protected Area oli mekem blong ademap sam tingting I ko long nasonal Loa blong Vanuatu. Ol rul ia hemi guideline nomo blong wan wan velej I save setemap sapos oli luk se hemi stret long wan wan komuniti. Ol ruls ia oli kam aot long diskasen we hemi tek ples long MPA manajmen woksop long June 2006. Sapos eniwan i lukim we sam man oli stap brokem ol ruls ia, bambae oli mas ripotem I ko long jif blong velej. Evri faens mo panismen bambae MPA I haf hafem wetem jif blong velej mo MPA manajmen komiti.

(1) **Wita:** Plante mama oli stap karem wita long eria blong Nguna-Pele MPA, hemi oraet sapos yu folem ol ruls ia:

- a. Long Nguna-Pele MPA hemi tabu blong brokem hol blong wita, taem yu stap lukaotem wita blong kaikai. I minimse hemi tabu blong usum kroba, ston, hama, akis o eni narafala samting blong brokem hol blong wita. **MPA Regulesen:** *Faen hemi 2 mat plasem 1,000 vatu.*
- b. Long Nguna-Pele MPA hemi tabu blong daeva long wita wetem glas taem we solwota hemi kam soa. **MPA Regulesen:** *Faen hemi 2 mat*

(2) **Smol Saes Net:** Long Nguna-Pele MPA bambae hemi tabu blong pem mo usum wan niufala net we hol blong hem i smol moa bitim 4 sentimeta. I minimse sapos yu kat wan smol saes net naolia yu save usum nomo kasem taem we I brok be yu nomo save pem wan niu wan. **MPA Regulesen:** *Faen hemi 2,000vatu.*

(3) **Grin Snel:** Long Nguna-Pele MPA hemi tabu blong kolektem, kaikai mo salem eni grin snel. Naoia we I stap ol grin snel oli stap lus bigwan mo hemi tabu blong karem eni grin snel. **MPA Regulesen:** *Faen hemi 2 mat plasem 1,000 vatu.*

(4) **Total:** Ol rul blong total ia, bae oli ko antap long ol rul we Fiseris oli putum . **MPA Regulesen:** *Faen hemi 5,000 vatu*

- a. Hemi tabu blong kaikai eni total unless we hemi blong wan selebresen blong komuniti. Sapos komuniti I stap mekem wan kastom selebresen oli allow blong kilim 2 total nomo long wan dei. Mo namba blong total we wan velej I save kaikai long wan yia hemi 4 nomo.
- b. Hemi tabu blong kilim mo kaikai wan total we hemi kat tag long han blong hem.
- c. Hemi tabu blong kilim mama total we hemi kam long sanbij blong putum ek.
- d. Hemi tabu blong sutum mo sperem total taem blong holem long solwota.
- e. Taem komuniti bae I kaikai total hemi mas holem wan we hemi no smol bitim 50 sentimeta mo hemi no bigwan bitim 70 sentimeta.

(5) **Krab Kokonus:** Long Nguna-Pele MPA hemi tabu blong karem eni krab kokonus we hemi berem hem wan blong jenisim skin blong hem. **MPA Regulesen:** *Faen hemi 2,000 vatu.*

(6) **Tabu/Konsevesen Erias:** Long Nguna-Pele MPA, taem wan velej hemi mekem wan Tabu/Konseven eria hemi tabu blong karem aot eni samting long solwota blong kaikai mo salem. Mo tu hemi tabu blong mekem bot I pas insaed mo sakem anka olbaot, mo tabu blong digim sanbij mo graon long hem. Sapos man I wantem swim nomo hemi oraet mo ol turis oli save daeva long hem sapos oli no stanap long korel rif. Mo tu hemi oraet sapos yu wantem fidim fis insaed long hem. . **MPA Regulesen:** *Faen hemi 2 mat plasem 2,000 vatu.*

(7) **Rabis:** Long Nguna-Pele MPA hemi tabu blong sakem eni doti long solwota. Hemi tabu blong sakem ol doti blong bus olsem lif kokonus, doti blong rek/brum mo ol ded lif. Hemi tabu blong

sakem eni doti blong waet man I ko long solwota olsem plastic, tin, pepa, batri mo narafala samting. Hemi tabu blong sakem doti aot long ol transport bot tu. **MPA Regulesen: Faen hemi 1,000vt.**

Conclusen

Blong concludem manajmen plan ia, mifala ol MPA staff mo manajmen komiti I wantem talem wan bikfala tankio long yumi evriwan we yumi save lanem mo rispektem ol plans mo ruls we yumi bin setemap. Mifala I wantem encouragem yumi evriwan blong kontinu blong cooperate mo practisem ol plans blong yumi evriwan long saed blong gud risos manajmen. God I talem: (Genesis 1:26) **Naoia bae mi mekem ol man. Ol man ia bambae oli mas lukaotem ol fis, ol pijin mo evri narafala animol.**

Appendix

Fasilities/Property

Nguna-Pele Marine Protected Area hemi ownem ol following samting we hemi blong asistem ol memba velej blong karem maot wok blong olgeta:

<i>Item</i>	<i>Total</i>	<i>Nguna</i>	<i>Pele</i>
12V Solar Battery	3	1	2
Air pump	1		1
Air pump hoses	3		3
Anchor boat	1		1
Battery Charger	2		2
BCD	2		2
Big torch	6		6
Boat Engine 25hp	2		2
Research Boat	2		2
Boat light	2		2
Clip board Black	7		7
Clip board plastic	4		4
Clock/ Time	1		1
Decorative Fish	2		2
Dive knife	2		2
Double Plug	4	1	3
Extension Chord	2		2
Fishing rolls	2		2
Flourescent Light	4	1	3
Fuel funnels	1		1
Fuel tank	2		2
Glass daeva	9		9
GPS	1		1
Head torch (green)	1		1
Inverter	2	1	1
Jacket yellow	1		1
Laptop	3	1	2
Lanterns	1		1
Leads daeva	9	5	4
Life Jackets	5		5
Longtorch (Broken)	2		2
Orange meter	1		1
Plastic Chairs white	2	2	
Rechargeable Batteries	8		8
Regulator	1		1

Rope meter	2	2	
Salt water pump	1		1
Solar Panels big	4	4	
solar panels small	3		3
solar regulator	1	1	
Spy glass	1		1
Table and Chairs	1	1	
Underwater slate	2		2
VHF Radios	3	1	2
Weight belts	3	1	2
Wetsuit	5		5
Yellow meter	2		2

Books/Posters

Books
 Shells of the World
 Corals of the World
 Trees of Vanuatu
 Marine Invertebrate
 Efate Map (2)
 Posters (12)
 Marine Ocenography
 Biology
 Project Files (20)
 NOAA Book
 Birds of Vanuatu
 Birds of Melanesia
 Project Reef Ed
 Field Guide of Mangroves
 The Living Ocean
 Sea Plants
 Marine Mammels
 Status of Coral Reefs 2004 (2)
 GRE Biology
 Enviornmental Ed for Teachers
 Impacts on the great barrier reef
 Integrated management of coastal zone
 IWP Lessons
 MPA's for Invertebrates
 GBR MPA's for Invertebrates
 Community Fisheries Centers
 Coral Reef Management Handbook
 Reef monitoring methods-Hill
 MPA monitoring methods-Wilconson
 Third National Development Plan
 Fruit trees of the Pacific
 Vanuatu Marine Resouces-Done
 Island Spirit (2)
 Basic statistics and Practical (2)
 National Forest Policy
 Alegebra
 Island Enviornment
 Tiki Gnuna Kap Tabu Pleis
 Seagrasses of Indo West Pacific
 Creepy Crawlies
 Dictionary of Marine Resources in Vanuatu
 Wan Smol Bag-Drama and Enviornment
 Queensland Reef fish field guide
 Handbook for spawning ags
 FAD's guide
 UVC Proper use
 Lukoutem guide coral reef (2)
 Don't mix It Doti
 Karen's management plan
 Coral Bleaching MPA's
 Fishing in the South Pacific
 Fishing Training

Spawning of Giant Clams
 Giant Clams Farming
 Giant Clams Seeding
 Rangitesuh
 Coastal Fisheries atlas
 Bony Fishes S. Pacific from the FAO
 Tiki Lupo Plan
 Maskeylene Photo Album

Impotant Issues

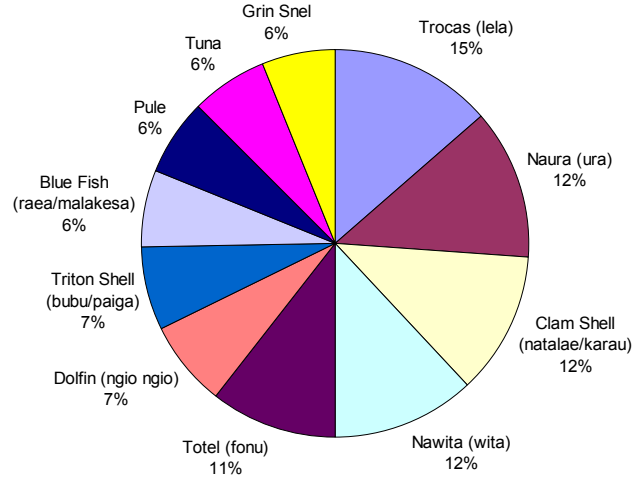
Nguna-Pele Marine Protected Area hemi bin faenem aot se ol issues ia oli ol mos impotan issues we I stap fesem ol man long Nguna mo Pele tedei.

<i>Most important Things</i>	<i>Rank</i>	<i>Problems in the Solwota</i>	<i>Rank</i>
Family	1	Pollution	1
God	1	Over fishing	2
Resources	2	Cyclone	3
Money	3	Reef Walking	4
Food	3	Anchor Damage	5
Friends	3	Soil Erosion	5
House	3	Climate Change	5
Education	4	Bleaching	6
Culture	4	Dynamite	6
Land	4	Reef Mining	6
Garden	4	Tsunami	6
Village Leaders	4		
Individual work	4		
<i>Issues in the Village</i>		<i>Management Issues</i>	
Disputes	1	Awareness	1
Disrespect	1	Money	2
Cooperation	2	Cooperation	2
Poverty	3	Respect	3
Crime	4	Equipment	4
Bad Language	5	Village Support	4
Diseases	5	Disputes	4
Communication	5	Development Committees	4
Jealousies	5	No Planning	4
Water	5	Conservation Areas	4
Disasters	5		
Lose Culture	5		
No Planning	5		
Gossip	5		

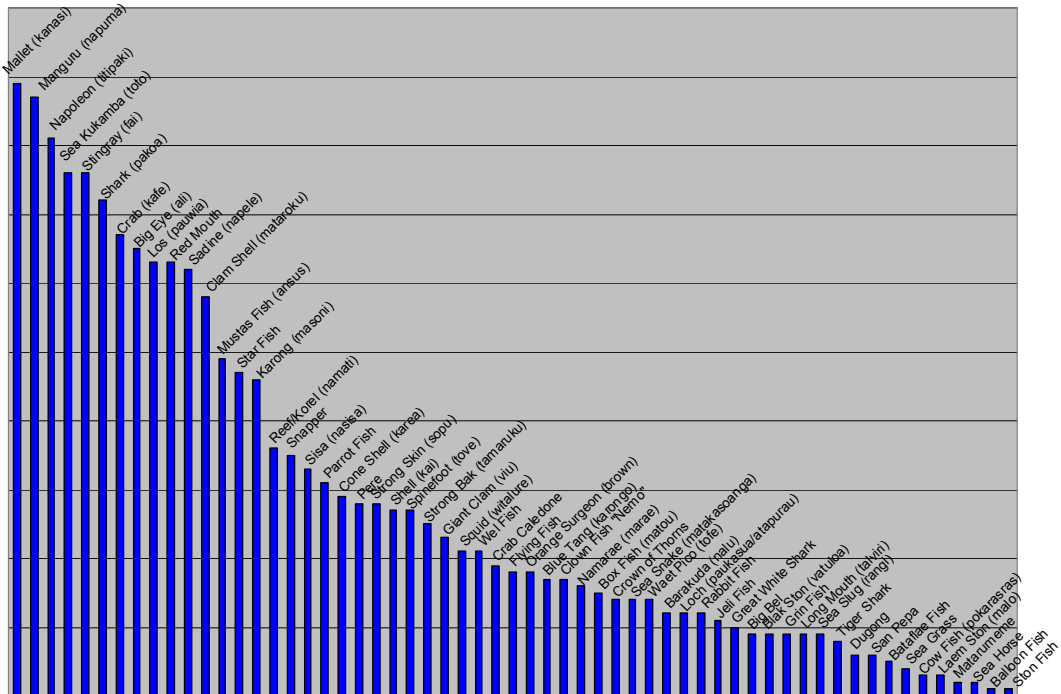
Most Impotan Risos

Solwota

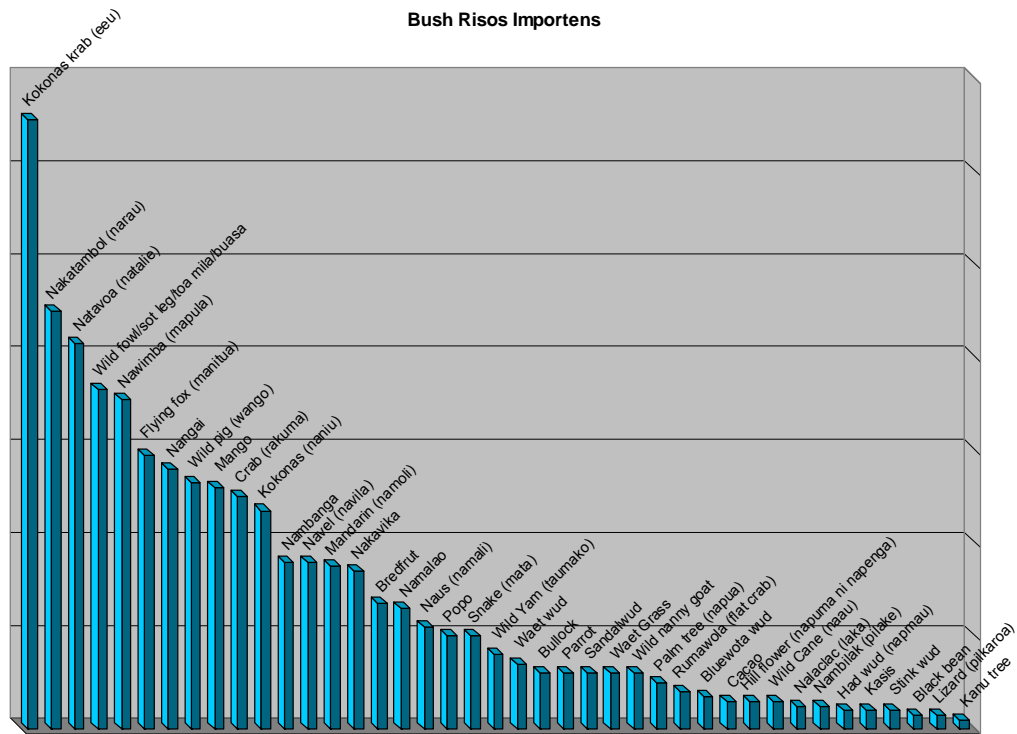
Nambawan Solwora Risos



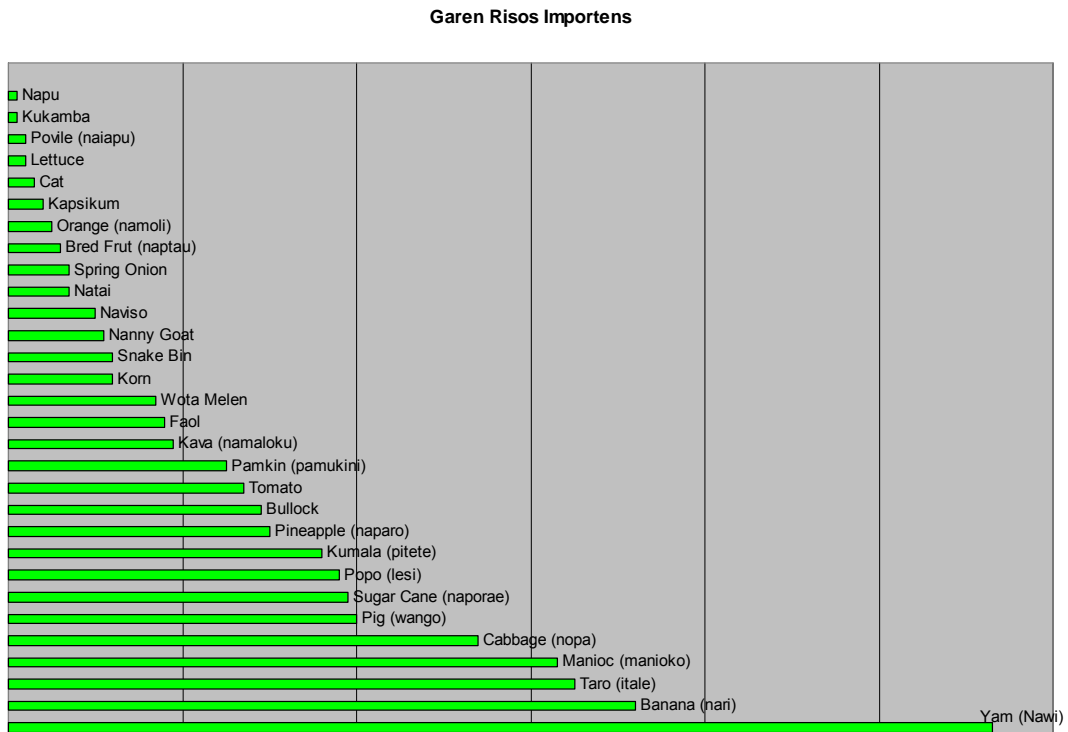
OI Nara Solwara Risos



Bus



Garen



Tingtin long spesel ruls blong wan wan velej

<i>Rul</i>	<i>Launamoa</i>	<i>Piliura</i>	<i>Worasiviu</i>	<i>Worearu</i>
Tabu	No brekem nawita hole			Clams, 4 yia
Importan animal / plant	Bis-de-mer, kokonas krab, fish, giant clam, troka	Kokonas krab, pijin, kastom meresin tri (sandalwud)	Grin snel, troka	Kokonas krab, troka, totel
Lemetem gear	Net mesh saes, huk saes, lokol spear gun nomo;	Net mesh saes; no naet fising, no poison	Foreign gear, no poison	Naet fising, nets
Lemetem namba	Fis mo nawita quota		Bis-de-mer, lobster, troka, nawita	Kokonas krab, nawita, troka, 1 wik fis quota
Lemetem saes	Fish	Napoleon, natalae, troka	Fish, kokonas krab, lobster	Troka
Lemetem taem (klos sison)	No fising long hae taed; klosem clam, troka, piko, totel	Lemetem ol fising dei; klosem bis-de-mer, fis, manguru, troka	Kokonas krab, troka	

<i>Rul</i>	<i>Farealapa</i>	<i>Fareavau</i>	<i>Malaliu</i>	<i>Malamea</i>
Tabu			No wokbaot long rif; no sakem doti long solwota	
Importan animal / plant	Bullock, fis, troka	Bullock, natapoa	Bullock, faol, natapoa, nawimba, nani goat, banyan tri	Bis-de-mer, kokonas krab, fis, natalae, nawimba, nawita, troka, timba mo frut tri
Lemetem gear	Daeving masket 2 taem long 1 wik; net saes	Masket blong kilim bullock	No masket blong kilim pijin/bullock; no usum laet blong kasem krab	Andasaes nets
Lemetem namba	Quota long natalae, totel, troka	10 bullock long 1 yia; quota long nawita	Nawita	Quota long nawita, faol, nasisa
Lemetem saes	Blue fis, naura, troka	Selfis	Fis	Fis
Lemetem taem (klos sison)		Klosem totel	Klosem pijin, flying fox	Klosem bis-de-mer, kokonas krab, fis, troka

<i>Rul</i>	<i>Malarangoa</i>	<i>Matoa</i>	<i>Mere/Sauwia</i>	<i>Nekapa</i>
Tabu			No brekem rif	
Importan animal / plant	Pig, faol	Napoleon, manguru, natavoa	Kokonas Krab, natapoa, natangura, nani goat, wild cane	Cow fis (long turis)
Lemetem gear	Spears, laen fising	Net saes; mekem lokol gears; no naet netting; 3 maskets nomo	No nets, slingshots	3" nets
Lemetem namba	Sel, fis, krab	Big eye, blue fis, karong, naura, nawita	Logging; quotas long nawimba, flying fox, nawita	
Lemetem saes	Kokonas krab, lobster	Kokonas krab, grin snel, naura	Krab, lobster	Kokonas krab
Lemetem taem (klos sison)	Klosem selfis	Kokonas krab, grin snel, naura	Lemetem ol rif walking taem; klosem rif walking, fis, kokonas krab	

<i>Rul</i>	<i>Unakap</i>	<i>Utanlangi</i>	<i>Rewoka</i>	<i>Woralapa</i>
Tabu		No katem frut tri		No sakem doti long solwota
Importan animal / plant	Bis-de-mer, bubu, kokonas krab, grin snel, natalae, naura, troka	Troka, bubu, grin snel, natalae, fis, kokonas krab, rakuma, nawita, korel rif, bis-de-mer, naura, banyan, natapoa, nakatambol, nangai, wild cane, melek tri, namariu	Pig	Fish, selfis, sandalwud
Lemetem gear	Foreign gears, krobar, smol net, underage/naet daeving; no nets long naet; no smol fis huks; raon sadine nets nomo	No naet nets, krobars; chainsaws mas gat forestri permit; no digging kokonas krabs; no bamboo/wire fishing stiks	Nets	Andasaes nets, spear fising
Lemetem namba	Bis-de-mer, blue fis, bubu, nawita, troka	Quota to famli nid; mas gat apruval blong katem tri	Natalae	Quota to famli nid
Lemetem saes	Blue fis, grin snel, manguru, naura, troka, piko	Folem Fiseris ruls / troka, krab, natalae, naura, fis, bubu	Big eye	Clam, fis, naura, sel fis, troka, nawita
Lemetem taem (klos sison)	Klosem kokonas krab, bis-de-mer, grin snel, naura/flat naura, troka	Klosem troka		

Tingtin long spesel aksen blong wan wan velej

<i>Aksen</i>	<i>Launamoa</i>	<i>Piliura</i>	<i>Worasiviu</i>	<i>Worearu</i>
Markem tabu eria			Floats, posters	Floats, rope, posters
Mekem aweanes	Rif helt		√	√
Monitor	Rif Jek	Rif Jek		√
Mekem disput resoluten / rekonsiliasen			√	√
Form envaeronmen / konsevesen komiti	√	√		
Mekem ruls			Rif use	
Korel marikalja (plantem korel)	√			

<i>Aksen</i>	<i>Farealapa</i>	<i>Fareavau</i>	<i>Malaliu</i>	<i>Malamea</i>
Setemap tabu / konsevesen eria	√	√	Setemap eria long solwota; lemetem erias blong pigs/bullock/dogs	√
Mekem aweanes	√		Rif	
Mekem disput resoluten / rekonsiliasen			√	
Boat mooring			No anchors on reef	
Klinap kampain			Batteries	

<i>Aksen</i>	<i>Malarangoa</i>	<i>Matoa</i>	<i>Mere/Sauwia</i>	<i>Nekapa</i>
Setemap tabu / konsevesen eria	√	√	Re-zone vilij, fenis yards	√
Mekem aweanes		Aweaness: lokol gears, ovafising, famli planning; saens & notises	Rif	Aweaness, posters, jifs woksop
Monitor			Rif Jek	
Mekem ruls		√		
Korel marikalja			√	
Klinap kampain			Yut klinap; mekem ples blong doti	
Plantem si gras			√	

<i>Aksen</i>	<i>Rewoka</i>	<i>Unakap</i>	<i>Utanlangi</i>	<i>Woralapa</i>
Setemap tabu / konsevesen eria	√	Floats	√	√
Mekem aweanes		√	Rif	Posters, woksop
Mekem disput resolusen / rekonsiliasen		Mit long nakamal blong diskas	Rispektem nara vilij tabus	√
Boat mooring		√		
Klinap kampain				Rabis
Crown of Thorns klinap				√
Promotem garen wok			√	