

Kaikai

Infomesen bilong ol nambawan samting ol lain i bin painimaut long Pasifik. Dispela infomesen i kam long United Nations **Intergovernmental Panel on Climate Change's** (IPCC) Sixth Assessment Report (AR6) on Impacts, Adaptation and Vulnerability



KLAIMET SENIS I KAMAP ISI ISI

na i wok long kamapim senis long ol rot bilong groim kaikai insait long

ol liklik ailan



Ol coastal agroforestry



sistem i wok long lusim ol kainkain samting i gat laip we i save stap insait long olv



Rot bilong kisim ol lokel kaikai

bai disteb na dispela hevi bai kamap long ol nambawan kaikai kain olsem taro na kaukau

Ol manmeri bai dipen moa long ol kaikai we i kam long narapela kantri



Klaimet senis i ken mekim na ol kaikai i no inap kamap gut

solwara i ken go insait long graun bilong groim kaikai

namba bilong ol pis i ken go daun ol gaden i ken bagarap

Ol pikinini na ol meri i gat bel

i ken lukim hevi i kamap moa long helt bilong ol bikos ol i no gat gutpela nutrisen



Hevi i ken kamap long ol prodak bilong salim i go long narapela kantri



Kamapim kainkain rot bilong kisim kaikai o mani samting

Ol pasin bilong senis we i kisim tingting na save i kam long

KAMAPIM OL KAINKAIN PRODAK NA MAKET

i ken apim namba bilong kaikai, kamapim rot bilong kisim mani na kamapim nutrisen

Indigenous Knowledge and Local Knowledge

i ken daunim sans bilong ol risos bilong groim na kisim kaikai long bagarap



Pasin bilong famim ol abus bilong wara



Kisim ol turis raun long lukim ples



planim ol kainkain kaikai



muvim ples bilong wokim gaden i go long narapela hap



kamapim ol rot bilong storim na prisevim kaikai

OL SENIS

OL PASIN BILONG SENIS

Kaikai

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Ol i skelim na luksave olsem ol samting nogut we klaimet senis i mekim long agrikalsa na fiseris bai wok yet long daunim ol sistem bilong kamapim kaikai, tasol sampela taim, dispela senis i ken mekim ol kaikai i kamap gut moa. Ol samting nogut we klaimet senis i mekim long wok bilong kamapim kaikai em ol kain samting olsem, tempritsa i go antap, ol bikpela saiklon, solwara i solap, ol taitwara na ol taim nogut bilong bikpela san, solwara i go insait long freswara na ol graun, na namba bilong ol pis long solwara i go daun bikos solwara i kamap hot na i gat moa esid (acid) insait long en. Long ol ailan kantri bilong Pacific, ol dispela samting i ken mekim na planti taim ol manmeri bai i no gat rot bilong kisim kaikai na i no inap kisim kaikai i gutpela long strongim bodi.¹

WANEM SAMTING I WOK LONG KAMAP

Ol kaikai i kam long solwara em i impoten bikos dispela em i gutpela rot bilong ol manmeri long planti ailan long kisim ol gutpela kaikai. Senis bilong klaimet i kamapim senis long ol sampela kain impoten pis we i save givim gutpela kaikai long ol manmeri long ailan komyuniti, na tu, ol i save kisim gut mani long ol dispela pis. Ol i skelim olsem ol manmeri i stap longwe long taun bai kisim 50-90% bilong ol animal protin long ol pis na ol manmeri i stap long taun i save kisim 40-80% long ol pis. Long bihaintaim, ating ol ailan kantri ol yet i mas ketsim moa ol tuna na i no ken wetim tasol ol fiseris long ketsim ol dispela pis.² Pasin bilong tilim ol kaikai we i kam long solwara, long sait bilong ol tuna long open-sj, em i wok long senis na dispela tu i mekim na ol manmeri i hatwok long painim rot bilong kisim gutpela kaikai. Dispela em i bikpela samting long ol kain kantri olsem Tokelau na Kiribati husat i save yusim fiseris long kisim kaikai na mekim mani bilong kantri.³

Senis bilong klaimet i distebim rot bilong kisim abus i kam long solwara na long graun tu. Na dispela i mekim nogut long ol komiuniti, em ol i save painim kaikai bilong ol yet, bikos ol dispela abus i gutpela kaikai na nutrisen bilong ol.** Dispela hevi bilong i no inap kisim gutpela nutrisen i wok long bagarapim helt bilong ol pikinini na ol mama i gat bel.***⁴

Insait long ol liklik ailan, wok bilong kamapim kaikai em i wok long i go daun bikos long ol kain samting i save kamap isi isi olsem tempritsa i go antap, taim bilong ren long pundaun i senis (wantaim ol bikpela weda nogut) na solwara i solap bikos long klaimet senis.⁵ Olsem: Senis long El Niño-Southern Oscillation i save kamapim taim nogut bilong bikpela san, na dispela i save mekim na kaukau i bagarap insait long Highlands bilong Papua New Guinea⁶ na tropikel saiklon Pam long 2015 i bin bagarapim ol agrikalsa sekta na manimak bilong dispela bagarap em i klostu 66% bilong GDP long Vanuatu.⁷

Ol ailan kantri bilong Pasifik, i hatwok moa yet long painim rot bilong kisim kaikai na bilong kamapim gutpela sindaun bikos klaimet senis na ol samting nogut we ol man i kamapim, i wok long mekim na kainkain animal na plent i lus. Ol sistem bilong yusim graun na bus long ol nambis i wok long lusim ol plent na animal we i save stap long ol dispela hap. Ol dispela plent na animal i impoten long rot bilong kisim kaikai insait long ol ailan bilong Pacific. Eksampel: ol klaimet senis i wok long kamapim senis long ol insek. Dispela i no gutpela bikos ol i save maritim sit bilong ol plaua bilong kaikai.⁸

* = i no gat strongpela tingting tumas

** = strongpela tingting

*** = bikpela bilip tru

1 FAQ 15.3, Sapta 15 Executive Summary

2 15.3.4.4

3 FAQ 15.3

4 SPM.B.1.3

5 15.3.4.4

6 Tebol 5.10

7 15.3.4.4

8 FAQ 15.3

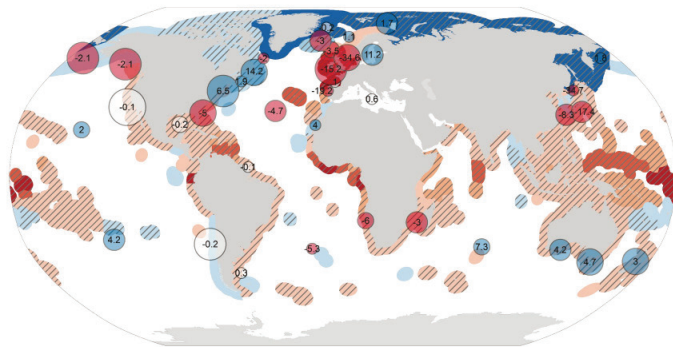
WANEM NARAPELA SAMTING I KEN KAMAP

Senis bilong klaimet nau i mekim na weda nogut tru i kamap planti taim moa na kamap nogut moa moa yet.

Dispela i mekim na ol manmeri i hatwok long painim rot bilong kisim ol kaikai we ol yet i save planim na kamautim. Dispela i ken mekim na ol manmeri i mas kisim ol kaikai long narapela kantri na namba bilong ol manmeri husat i sot long nutrisen na kisim ol sik bai i go antap. Ol saveman i tok olsem rot bilong ol manmeri long kisim ol lokel kaikai bilong ol yet i ken i go daun i go inap long yia 2050. Dispela samting bai kamap long ol kantri bilong Western Pasifik we i no save kamapim planti mani (olsem Fiji, Papua New Guinea, Solomon Islands, na ol narapela ailan bilong Pacific), na em bai mekim senis i kamap long helt na gutpela sindaun bilong ol manmeri bilong ol dispela kantri.

Histori bilong namba bilong ol pis we ol manmeri i bin ketsim na namba bilong ol pis we ol saveman i tok olsem ol manmeri i ken ketsim long bihaintaim (maximum sustainable yield (MSY)) na bikpela mak bilong namba bilong ol pis we wanwan rijen i ken ketsim. Ol senis long namba bilong pis we ol manmeri i ken ketsim i go inap long 2050, em lain bilong wok painimaut i makim (averij namba namel long 2041–2060), taim ol i skelim wantaim 2000 (1991–2010) aninit long ol tingting bilong (a) RCP2.6 na (b) RCP8.5

a. Taim I Gat Liklik Mak Bilong Grin Haus Ges (RCP2.6)



Ol i tok olsem taim nogut bai painim ol kaikai we ol manmeri i save kaikai olgeta taim, kain olsem taro na kaukau.

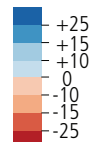
Na dispela hevi bai wok long kamap nogut moa i go inap long yia 2090. Laivstok em i wanpela impoten rot bilong kisim protin long sampela ailan, tasol em i isi tru long taim nogut i painim ol bikos taim tempritsa i go antap, ol animal i save pilim hot nogut tru.⁹ 9-pela bilong ol 16-pela hap kantri insait long Pasifik Island (Cook Islands, Federated States of Micronesia, Guam, Kiribati, Marshall Islands, Niue, 17 Papua New Guinea, Solomon Islands, na Tuvalu) i ken lukim $\geq 50\%$ i go daun long mak bilong pis we ol manmeri ken ketsim inap long yia 2100 taim yumi skelim wantaim mak bilong ketsim pis long 1980-2000, maski sapos mak bilong emisen em i antap o i daunbilo.^{*10}

Ol senis long namba bilong pis we ol manmeri i ken ketsim i go inap long 2050

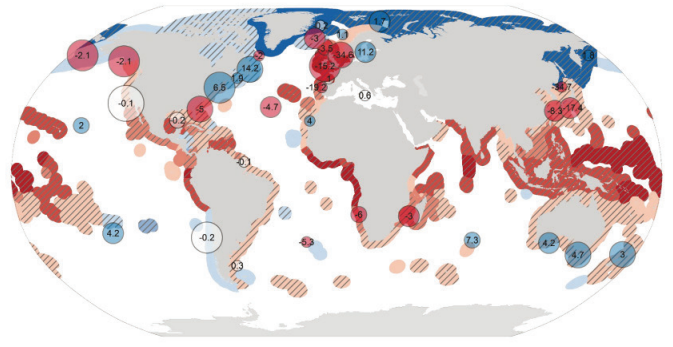
Ol samting we i ken kamap Bikpela mak bilong pis we ol lain i ken ketsim

Senis i kamap long bikpela namba mak bilong pis we ol lain i ken ketsim (%)

Piksa i soim wanbel (N=2)



b. Taim I Gat Bikpela Mak Bilong Grin Haus Ges (RCP8.5)



Ol gutpela samting insait long graun i wok long lus na ol hevi bilong binatang nogut i kamap moa yet. Ol dispela samting wantaim ol sik na ol narapela plent nogut i wok long kamapim hevi long agrikalsa.¹¹

Hevi bilong tempritsa i go antap na taim bilong ren i senis i ken kamapim senis long planti gaden kaikai we ol dispela kantri i save salim i go long ovasis. Eksampel: ol i tok olsem taim nogut tru bai painim kofi bikos tempritsa bai i go antap long ol hailens long Papua New Guinea. Ol saveman i tok olsem hamaspela suga ol i groim long Fiji bai i go daun inap 2-14% sapos ol samting ol i tok long en i kamap tru.¹²

Taim tempritsa i go antap moa, dispela i ken mekim na ol sik i kam long kaikai na wara bai kamap moa yet na i hat moa long lukautim sefti bilong ol kaikai. Ol senis bilong ol weda i ken paulim wok bilong trenspotim na salim ol kaikai long ol ailan we i gat ol asples lain i stap long en na ol i stap longwe long taun.¹³

OL SAMTING YUMI KEN MEKIM

Ol kainkain prodak na ol kainkain maket em i ol rot bilong kamapim gutpela sindaun we i save kamapim ol rot bilong kisim kaikai na i gat gutpela nutrisen na tu em i rot bilong mekim mani.

Dispela em ol i bin wokim ripot long en long ol kain ples olsem Vanuatu na Fiji. Eksampel: ol komyuniti i wok long mekim pasin bilong redi long klaimet senis taim ol i wok long planim ol kainkain kaikai bilong gaden long ol wanwan gaden bilong ol na long ol gaden bilong komyuniti, na ol i putim ol dispela gaden long ol kainkain eria insait long graun bilong tumbuna. Ol i mekim olsem bikos sapos weda nogut tru i painim ol, i no olgeta gaden kaikai bai bagarap, na ol i ken gat ol kaikai bilong storim na holim i stap (em ol i save kolim olsem kaikai bilong taim bilong bikpela hangre).¹⁴

Evidens i soim olsem pasin bilong ol manmeri long yusim Indigenous Knowledge and Local Knowledge (IKLK) na redi long ol senis bilong klaimet senis i wok long kamap gut.

Ol dispela tingting na pasin i ken pasim ol hevi (em ol disasta na ol samting nogut i save kamap isi isi bikos long klaimet senis) long bagarapim olgeta kaikai we ol i save kisim long graun. Ol meri we i wok long wok insait long ol lokel-level wok bilong senisim tingting na pasin na ol i wok tu insait long ol projek bilong enviromen we

9 FAQ 15.3, 15.3.4.4
 10 15.3.4.4

11 FAQ 15.3
 12 15.3.4.4

13 FAQ 15.3
 14 15.5.6

i lukluk long klaimet senis. Ol meri i ripotim olsem ol i wok long testim na yusim ol rot bilong redi long klaimet senis we IKLK i bin givim tingting na save long en, na ol i wok long senisim na stretim ol dispela tingting na save long bihainim senis we i wok long kamap long envairomen. Sampela bilong ol dispela tingting ns save em pasin bilong painim na kisim renwara wara long taim nogut bilong bikipela san, planim ol lokel plent arere long nambis long stopim

graun we i wok long lus na stopim taitwara, kamapim ol neseri bilong ol plent, na traim groim ol taro we i ken gro long graun i gat sol, na muvim ol kaikai bilong planim i go longwe long nambis. Dispela ripot i tokaut tu olsem ol i mas yusim gen ol save bilong tumbuna (we ol i lus tingting long yusim) long kamapim kaikai insait long planti ailan komyuniti na bungim dispela save i go insait long ol plen bilong daunim taim nogut long bihaintaim.¹⁵

Pasin bilong senisim ol rot bilong kisim kaikai bihainim ol senis we i kamap

Ol sampela rot bilong senis



Ol samting we i ken stopim pasin bilong senis long kamap gut

Trening na edukesen | Raits bilong ol lain long propeti | Rot bilong kisim teknoloji | Rot bilong kisim mani | Sampela lain i gat moa pawa na atoriti long ol narapela | Sains infomesen | Pasin bilong mekim disisen na menejim ol samting

Ol samting i ken kamap taim ol manmeri i senisim pasin

	Solwara	Freswara	Graun
	Pasin bilong famim ol abus bilong wara	Pasin bilong famim ol abus bilong wara	Yusim graun gut long lukautim ol animal na wokim faming
	Ol nupela maket bilong nupela abus	Daunim mak bilong samting we i ken lus bihain long ol lain i rausim na kisim ol abus	Ol nupela maket bilong nupela abus
	Menejmen we i bihainim ekosistem na i sapatim ol kainkain animal na abus	Kamapim nupela maket bilong ol nupela fiseris	Kamapim inap mak bilong mekim wok na rot bilong lukim olsem wok i kamap
	Modifaim ol tul o samting bilong mekim wok	Kamapim inap mak bilong mekim wok na rot bilong lukim olsem wok i kamap	Yusim IK na LK
	Serim ol mak bilong pis long ketsim, makim, tokaut na luksave long ol raits bilong ol lain bilong ketsim pis, yusim IK na LK	I rot bilong kisim ol raits, ol kondisen bilong mekim wok na ol laisens	I rot bilong kisim ol raits, ol kondisen bilong mekim wok na ol laisens
	Menejmen bilong ol fiseris we i bihainim ol senis we i wok long kamap	Menejmen bilong fiseris we i bihainim ol senis we i wok long kamap long ekosistem	
	RMFOs-EEZ fiseris TB agrimen	Fiseris we i ken kamap insait long freswara we ol i yusim long narapela samting (eksampel 'hydroelectric')	Ol eria we TB i protektim na menejim

I no senisim pasin gutt

I no gat risos, i no gat kalsa, save na amamas long stap insait long wanpela grup | Hevi i kamap insait long rijen na komyuniti, mak bilong wansait long ol gutpela samting i go antap bikos sampela lain i no inap long kisim ol samting | I no gutpela helpim/mak bilong wansait long ol gutpela samting i go antap | Pasin bilong stil na kamautim kaikai, stilim na salim ol abus na plent na pasin bilong brukim lo long painim na ketsim ol animal

Abrusim mak bilong kisim ol samting, senisim ples we indastri i stap long en, senisim ples we manmeri i stap long en bikos i no rot bilong kisim kaikai/mekim mani | I no skelim gut ol infomesen, i no skelim gut ol infomesen we i stap pinis long mekim disisen | Sampela lain i gat moa pawa long ol narapela lain, ol agrimen na polisi we ol lain i stap long pawa i mekim na ol i no tingim ol liklik manmeri, i no senisim ol polisi long bihainim wanem ol samting i wok long kamap | Ol hevi i kamap long intanesinel level, ol toktok we i kamap wansait, hevi bilong wanpela lain i gat rait log kisim kaikai long wanpela hap na klaimet senis i kamapim moa hevi long ol lain we i no gat rot bilong helpim ol yet na dispela i mekim ol i kisim ol kaikai we i winim mak we ol i sapos long kisim

Pasin bilong senisim ol rot bilong kisim kaikai bihainim ol senis we i kamap. Ol nambawan rot bilong senisim pasin, ol nambawan samting we ol manmeri bai painim hat long mekim na ol nambawan samting we ol i ken mekim long sait bilong kaikai i kam long wara na graun taim ol i skelim ol muvmen bilong animal bilong bus na wara na muvmen bilong ol manmeri bikos long klaimet senis.¹⁶

15 15.3.4.4

16 Sapta 5, Cross-Chapter Box Moving Plate.2