



Mamautari Newsletter

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Kanoan am Beeba iteranibaa

Tiaina ibukin kakoauan ana buoka OFCF 1

Uarokoaia taan akawa iaon Kiritimati akawakin kokona aia tau ibukin te iokinibwai 2

Ana kateniua aban nako Tebetebeke ibukin te karikirake iaon anakin kaubwai ake i kabin marawa 3

Tuoan auti ni kamwaitoro n aban nako Kiribati n te itera meang 4

Mwin te kakae are e karaoaki n te abamwakoro ae Butaritari iaon te butinakon te Aa 5

E a waaki te onobwai nakon te Eco-Farm i Temaiku 6

Tiainaki kakoauan ana buoka OFCF



N 25 Turai inanon te ririki aio, ao e tiainaki kamatoakin ana buoka Tiaban rinanon ana rabwata ni ibuobuoki ibukia taan akawa ae te Overseas Fishery Cooperation Foundation (OFCF) imarenan te Minita n Te Botaki n Akawa ma Karikirakean Kaubwain Marawa ae Honourable Tinian Reiher ao ana bwakuaku te rabwata ae OFCF ae Mr. Shimba Fukuda n aobitin Te Botaki n Akawa i Bairiki.

Iai uoua akekakin ana buoka te OFCF ake a tiainaki n te bong anne n aron aikai; Good & Services (GS) – Te buoka n aron bwaai n akawa ma mitiin ni karao aiti (Ice Making Machine) ao a bati riki. Fisheries Development Assistance Pacific Nation (FDAPIN Project). Te buoka iaon onobwaiakin mitin ma ana bwai nako OFCF ake e karakoi iaon Kiribati ibukin boutokakin te akawa.

...reitana i/b 6...

Uarokoia taan akawa iaon Kiritimati ibukin akawakin kokona aika tau ibukin iokinibwaiana

Iokinibwaian te ika bon teuana mai ibuakon te karekemwane ae rangi ni korakora nakon te tia akawa ea moamoa riki nakon te aba teuana ma teuana m a n iokinibwaiana nako tinaniku.



Kain te reirei iaon akawakin kokona aika tau ibukin te iokinibwai

N 22 ni Meei nakon 3 n Tuun ao e karaoaki te angareirei nakoia taan akawa iaon te abamwakoro ae Kiritimati. E mwanenaki te reirei aio iroun te rabwata ae te European Union riranon ana rabwata te Betebeke ae te Secretariat of the Pacific Community (SPC) mai Noumea.

Oin wakinan te reirei aio bon ibukin uarokoia taan akawa iaon Kiritimati iaon itera n rabakau aika bati n aron karaoakin bwain akawa, aron kawakinan te ika, te kamaiu i t aari ao ai itera riki n rabakau ake a irekereke ma aron te waaki n bitineti iaon mwaketenakin te ika.

E kairaki te reirei aio iroun William Sokimi man SPC ao n buokaki iroun te manna ana Aobitia te Kiribati Fisheries Training Center ae Ritang Ubaitoi ao ai Temaue Bureieta man te Botaki n Aakawa mai Kiritimati.

N te waaki n angareirei aio bon te kauatai ni karaoaki iaon Kiribati n

reita are e a tia n karaoaki iaon Tarawa n Tebetembwa, 2012 man n te tai aio e a manga wakinaki iaon Kiritimati. E kania uangan taan akawa ake a tei man kaawa aika kakaokoro iaon Kiritimati ake a ira te waaki n angareirei aio. N ana maroro te Mayor mai Kiritimati ae Mikarite Temari n tain te angareirei aio ao e taku, 'Aio te reirei ae e rangi ni uana nakoia taan akawa ao e rangi n ibuobuoki nakon karababan riki aia ataibwai iaon te akawa ao ae e kakawaki nakon itera n kareke tianti'.

E wakinaki te reirei aio inanon teniua mwakorona bwa te angareirei ae e karaoke inanon te umwanreirei ike a reiakinaki iai aron karaoakin ao kaniman bwaai n akawa. A karaoaki katoito nakoia kain te reirei n te aro bwa a na noora aron te bwai ae nanonaki ao man atai kawai ake a na karaoaki

...reitana i/b 7...



Kanakoan kanoan nanon te ika



Aron kanakoankin raran te ika n te tai are e moan teke iai



Reiakinaia aron kanimwan bwaai n akawa

Kabirongorongo

Bonganan oeran te ika

Iai teiua rinanin oeran aika kona ni kun-eaki inanon te ika:

1. linolenic acid (ALA)
2. Elcosapentaenoic acid (EPA)
3. Docosahexanoic acid (DHA)

Bonganaia nakon rabwatara:

- E totokoa te cancer
- Ekaurekeake reken te toki ni buro
- Karikirakea te wanawana ao e kauarerekeake aorakin te kaburoro n aron te mwamwaninga ao abati riki
- E kauarerekeake reken te mataki
- E kauarerekeake te tioka
- E karikirakea te tamaroa nakon kunim
- Taua rawatam
- E kauarerekeake aron te un n aki akaka

E-COPY!!

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Ana kateniua n bwabwaro aban nako Tebetebeke ibukin te karikirake iaon Anakin kaubwai ake i kabin marawa

Imwain wakinan te karikirake iaon anakin kaubwai ake i kabin marawa ao e bon rangi ni korakora tiro-baeana ao karinakin iango aika boou imwain wakinakina bwa ena bon uarereke te kanganga ae ena kona n reke mai iai.

N te 18 bongin Tuun, 2013, ao e karaoaki te babaro ibukin te karikirake aio iaon te aba ae Vanuatu. Kain te babaro bon aban nako Tebetebeke ake te-buimanimaua (15) mwaitina ake ana wakina te karikirake iaon abaia. Botakin aro, botaki ake a inaomata, taan tei man kambwana ao ai bon taan tei man te Tautaeake ake a reke rokoia ni kaea te babaro aio. Botaki n Akawa ao Karikirakean Kaubwain Marawa ngaia are e tei ibukin Kiribati.

Oin te bwabwaro bon reiakinaia botaki ake a tei ibukin abaia te waaki n ikarekebai ma te botanaomata riki iaon karekean aia kariaia te botanaomata man abaia nako (ke te Free Consent) imwain wakinan te karikirake.

N ana taeka ni kaukuki te Minita ibukin Aaba ao Kaubwain Marawa mai Vanuatu ao e katerea bwa e bon riai ni karaoaki te maroro ni buoka ni iango iaon taran te itera aio imwain wakinan te karikirake. Ana riai n tirobaeai bwa baikara bwaai ao kabwaia aika ana kona n reke man te karikirake aio.

E bon rangi ni kakawaki bwa ana riki ao man maroroakin nte aro bwa ana karababai aia taratara iaon bwaai aika ana

kona ni karioi iai kainibaire ake ana riai ni bwaini inanon tain wakinan te karikirake, ao man kona ni kateimatoa te kabwaia inanon te tai ae maan.

N ana maroro Akuila Tawake te Manatia n te karikirake bwa te bwai ae rangi ni kakawaki mai irouia taan ira te babaro bon ongoraeakinan aia iango aika kakaokoro nako. E reitia taekinna naba teuaio bwa te karikirake aio ea bon tia ni kinaki irouia aban Tebetebeke rinanon boowi, bwabwaro, reirei ao ai bon rongorongo ibukin kakoauan karaoan babaire ake ana karaoaki irouia aba aikai. Tiaki ti ngaia ma a bon teimatoa ni kainanoi mwakuri ni ibuobuoki ibukin karababan ao kateimatoan te kabwaia are ena reke man anakin kaubwai rinanon tian ara marawa.

N reitaki ma akanne ao e taekinna Pelenatita Kara ma nte Botaki ae inao-mata mai Tonga bwa te rabakau ae e reiakinna n tain te babaro aio e na rangi ni bongana nakon te botanaomata ibukin karaoan te kainibaire iaon anakin kaubwai mai kabin marawa.

E kakoauaki ao man boutokaaki irouia taan ira te bwabwaro bwa e bon rang kakawaki ae a karekeake moa aia iango ma aia kariaia te botanaomata imwain ae wakinaki te karikirake.

Tuoakin ana Karikirake te Botaki n Akawa iaon aba ake a mwanenaki man OFCF

A tia ni kawari abamakoro aika Maiana, Makin, Butaritari ao Abaiang ana tiim te Botaki n Akawa ao Karikirakean Kaubwain Marawa n raonia uoman ana aomata te rabwata are e mamanani karikirake mai Tiaban ae kinaki n arana ae Overseas Fishery Cooperation Foundation (OFCF) man 17 Tuun ni karokoa 28 Tuun, 2013.

Iai uoua oin te mwananga aio bwa teuana e boboto iaon noran ana karikirake te Botaki n Akawa ao karikirakean Kaubwain Marawa ake a manenaki mai Tiaban man te rabata ae te OFCF. Te kauoua bon kawaran botaki n akawa aika uarereke n noraki mwin te buoka are a tia n anganaki.

N te riboti are e karekea Mamautari mai irouin te aobitia ake a tabe ma te itera aio ao a taekinna te aobitia aio bwa bon iai mitin tabeua ake a bon rotaki ao man uruaki, e noraki aio bon mai imwin kabonganakia inanon te tai ae rangi ni maan.

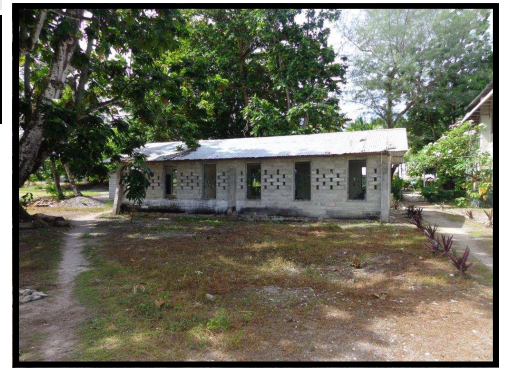
Iai te kantaninga ae abwabwaki bwa imwin te mananga aio ao ena manga taorimwiaki irouia intinia man te Botaki n Akawa mai Tanaea ni karaoaki baai ake a kakoauaki ba a uruaki. Iai norakin riain ae ana manga karekea onean mwiin mitin ake a rangin bon-gata taia ni kabonganaki riki tinairaita n Auti ni kamaitoro n

abamwokoro aikai. N reitaki ma anne ao a bon karekea naba rokoia kain te tiim aio ni kawari botaki n akawa aika uarereke iaon taabo aikai n ruamwin buoka ake a tia n reke nakoia n aron bwai n akawa. Tiaki ti ngaia ma a bon manga kamata riki nakoia botaki n akawa ake a tuai reke te buoka nakoia aron karekean te buoka aio nakoia nakon taai aika ana roko.

Teuana te bwai ae e rangin kakaongora n te mananga aio bon kawaran te reirei ae St Joseph College, Tabwiroa. Kawaran te reirei aio bon kaekan ana bubuti are ea Kaman kanakoa nakon te botaki ni mwakuri are tabena te itera aio ibukin iangoan ana umwanreirei are ena katoamauaki bwain nanona ibukin te reirei iaon karaoakin te intin (Outboard motor). Aio bon reitan ana bubuti te reirei aio ni irekereke ma te tabo ni kaba booti are e a tia naba ni mwanena bwain mukurina te rabata ae OFCF. Mwanenakin te karikirake aio iroun te rabwata (OFCF) bon kaungan ao karikirakean te atatai ma te rabakau iaon kabakin booti ao ai bon karaoan te intin ae uruaki are ngaia teuana oin te kangagna ae te betinako.

Te katautau ae abwabwaki bwa inanon banen Turai 26 ao e na kawaraki Abemama, n taorimwiaki

...reitana i/b 7 ...



Ana auti n reirei St Joseph College are ena katoamauaki ibukin te reirei iaon karaoakin outboard motor



Bwain te auti ni kamwaitoro iaon Makin ake tuoaki



Kanimwan bwain ana auti ni kamwaitoro Butaritari

Mwin Te kakae are e karaoaki n te abamwakoro ae Butaritari iaon butinakon Te Aa (starfish)

A kitana Tarawa kain te tiim man te Botaki n Akawa ao Karikirakean Kaubwain Marawa ni mwangana are i Tanea n 30 ni Meei, 2013 nakon te abamwakoro ae Butaritari.

Te mwananga aio bon kaekaan te bubuti are e roko mai irouia kain te aba rinanon Te Tia Akawa nakon te Botaki ni mwakuri ibukin te tabeiaanga ao te raraoma are ea taonia taan akawa te kanganga iaon butinakon te Aa inanon naman ao tanraken Butaritari.

Te kanganga aio ai bon tibwa te moan tai n riki i Kiribati ao are ea tia n taona nako Makin n taai aika nako ao ngkai ea manga riki i Butaritari n aron are e ribotinaki. N te riboti are e karekea am bebwa ni kaongora aio ao e taekinna teure e tabe ma te itera aio bwa te kanganga iaon butinakon te aa e na bon rota aron maeun marin taari riki man ana urubwai nakon te ane.

Oin te mwananga aio bon te maroro ni kamata nakoia te botanaomata iaon te man ae te Aa, aron teina karana, abwakina ao ai ana mwakuri ma ana urubwai nakon te ane (coral habitat). Maroro ni kauring ibukin kauarerekean kabuanibwai ao kato kan butinakon te Aa inanon te nama n aron aanga n totoko iaon

rikorikoan te aa ma i taari ao man tsunami i aon te aba. Aio ngkai te anga n totoko iaon kauarerekean mwaintin te aa n aban tabeua tebetebeke ake a kaitara ma te aekaki n kanganga aei. Ao riki ai bon te kakae iaon katautauan mwaitin te Aa ao ai bon taraan taabo ake a korakora iai maeun te man aio.

Iai 16 taabo ake e karaoaki iai te kakae bwa waniua (8) inanon te nama ao waniua (8) itinanikun te nama. N te riboti ao e taekinaki bwa e bong rangi ni korakora te aa inanon te nama n te tabo ae aranaki bwa *Te-bonotanimata*. Te tabo aio bon te tabo ae a rangi ni mari n te were ao man kakabongana kain Bikati ibukin akawaia ae te werewere.

E noraki ngkai bwa ana urubwai te man aio e bon tiringa te ane nte aro are e kana te man are e maiu nte ane ao man katuka te ane bwa ena mate. Aio are ena bon kona n rooti maiun marin taari ake a maeka nte ane n ai aron ikana are te ikanibong, bwawe, rou ao okaoka ao riki man rota oin kanaia kain te abamwakoro aei.

Ni butinakon te man aio iaon Butaritari ao e bon rota Bikati nako Kotabu meangin te tabo n roro n te kaibuke. Taabo aika tuai rotaki bon maiakin te tabo n roro nako Ukiangang.

E kukurei ni katanoata am Kambwana ae Te Atinimarawa bwa ana kaibuke ae LC Tekimarawa ea tia ni kitana te tabo are kabaaki iai. E tuai ataki raoi te tai are ena roro iai n te nne n roro are i Betio.



Tamnein te man ae te Aa

Major components of Sedi-ment for reef Islands



Foraminifera
major constituents of many beach sands in the Pacific



Corals: create sands for beaches and serves as a buffer for shore-line



Halimeda
Decayed halimeda produce sand and mud in the lagoon.



Shells are major component of gravel.

However, these species are obviously impacted naturally and physically by human induce such as pollution (solid and water wastes) e.g. Human faeces, plastics, sewage and many more discarded to marine environment.



Tabeman mai ibuakoia taan mwakuria te nei



Iteran te nei nako Bonriki ngaia ae wa-aki te mwakuri iaona

Katanoata

Nakoia aomata nako ao taan kakabongana taari riki taan akawa e a bon tabeka bwanana te Botaki n Akawa ni bubuti ao ni kauring ngkami bwa ea riai moa n toki anakin manin taari ae aranaki bwa te buu. E riki aio bwa te man anne ngaia ae kona ni kaitara rikiraken te te aa are ea rangi ni korakora ana urubwai ngkai nakon te rakai, ao marin taari tabeua ake ana kona ni karekei marikeia te botanaomata mai iai.

Te onobwai nakon ana nei ni baneawa Eco- Farm are i Temaiku

Man tararuan ao tabeakinan neei ake i Temaiku ao ena bon aki kona ni bua ana karekemwane te Eco-Farm. N 24 n Turai, 2013 ao e a waki te onobwai nakon ana nei ni baneawa Eco-Farm are i Temaiku. Te onobwai aio are e bon riki man uruakin taabo tabeua n neei aikai inanon taai aika nako mai imwiin te ang buaka are ea tia ni karika te kanaki nako nakon mataniwin neei aikai.

N te riboti are e karekea am bebwa ni kaongora ao e taekinna te aobitia are e tabe ma te itera aio bwa bwaai nako ake a katauraoki ibukin te onobwai aio bon kanoan ana buoka OFCF mai

Tiaban. N aron (40 tons) te timanti, 20,000 te tianibaeki, 5 wibwara ao baai riki tabeua aika a uarereke ibukin te makuri. Te buoka aio bon kanoan ana bubuti te Eco Farm nakon te rabwata ae OFCF rinanon Te Botaki n Akawa ao Karikirakean Kaubwain Marawa inanon te ririki ae 2012 are ea kakoroaki nanona inanon te ririki aio.

Tiaki ti ngaia ma e reitia n taekinna teuaio bwa a bon mwanenaki booia taan makuria te onobwai aio iroun Eco- Farm. Te katautau nakon te mwakuri n onobwai bwa ena tia inanon rabanen te namwakaina aio.

Tiainaki kakoauan ana buoka OFCF man i/b 1...

Inanon te ririki ae nako ni karokoa Maati n te ririki aei are e a kainaki iai kanoan te bubuti ibukin te ririki ae e na roko man abamakoron nako Kiribati, iaon tangiran buoka iaon kaungakin ao karikirakean te akawa n rabwata aika a kakaokoro n aron botaki n aro, reirei tabeua, ao rabwata ni boboti n akawa iaon aba.

N te rongorongoro are e karekea Mamautari iroun te aobitia are tabe ma te itera aio ao e taekinna neiei bwa a tia n rinanoaki raoi ao man noraki bwa baikara bwaai aika bon oin kainanon te tabo teuaa ma teuaa ao ni karinaki ba kanoan te buoka ibukin te ririki ae na roko. E katautauaki bwa

bon imwin raumeakin bubuti aikai ao bon iai ake a tiku bwa a manga karinaki bwa kanoan te ririki are imwina riki.

Aio bon ana takete teuaa te Botaki n Akawa ao karikirakean Marawa ibukin kaungakin te akawa iaon aba ao ibukin kateimatoan kabonganakin te karikirake are a tia ni kateaki iaon Abamakoron Kiribati ae te Auti ni kamaitoro.

Te katautau nakon buoka aikai bwa ana kaoti nanoia ni moan te ririki ae ena roko 2014.

Uarokoaia taan akawa iaon Kiritimati ibukin akawakin kokona aika tau ibukin iokibwaiana ...man i/b 2...

iai bwaii ake a kainanoaki n aron are a reiakinaki.

Imwin reiakinaia man te umwan-reirei ao a kabanea uabong i taari iaon te kataneiai iaon kamanenan bwaai n akawa ake a karaoi ao ai karababan riki te rabakau iaon kawakinan te ika man te tai are e waerake iai. Inanon reiakinaia n aia tai n akawa i taari ao a bon kamata-taki naba kawai aika kakawaki ibukin kawakinan mauria i taari n aia tai n akawa ma kabonganana bwaai n kamaiu aika e riai n uoti te tia akawa inanon bwakana n akawa. N kabanean mwakoron te angarerei a bon reiakinaki naba aron kabekan te ika n te aro ae e nakoraoi iai bwa e na teimatoa raoiroina ngkana ea tauraoi nakon te kaboakinako.

Iai noran kakawakin te reirei aio ike ea kona iai n karaka aron rabakauia taan akawa n aron are a ataia ao man tataneiai ni kakaraoia.

N ana taeka te unimwane temanna are ngaia temanna kain te reirei ao bon te tia akawa naba ngaia ao e rangi n nora bonganan te waakin n angareirei aio bwa ea kona n karaka aron ana atatai iaon te akawa. E reitia n taekinna te Mayor ae Mikarite Temari, 'Taan Akawa aika a tia n karekea te rabakau n te tai aio ao e rangi n uana ngkai te ika e bati iaon abara aio. E rangi n kakawaki bon te ikarekebai ma rabwata ake a irekereke iaon te itera aio n kaungai itera n ibuobuoki ibukin kaungakin te iokinibwai nako Hawaii ngkai te kibakiba e rangi n nakoraoi'.

Tuoakin ana Karikirake te Botaki n Akawa ...man i/b 4...

inanon August are e na manga karoko i Arorae ao Kuria. Iai te kantaninga ba ana manga kawaraki abamakoro ake imwina bon inanon naba te ririki aio.

E kainaki te tiim aio irouia Pita Iotin, Tabuki Teoraata, Bio Tekiau, Ian Namakin man te Botaki n Akawa ao

Karikirakean Kaubwain Marawa, Takashi Keizo ana aomata OFCF iaon Kiribati are e tabe ma ana karikirake nako OFCF ao ai Harumichi Koba te Itinia are e roko mai Tiaban man te rabwata ae OFCF.

Deep Sea Mineral (DSM) ???

DSM e nanonaki ni kaubwain marawa aika atibu. Atibu aikai ake iai inanoia kaubwai aika aranaki ni imatang bwa "minerals".



Iai inanon atibu aikai bwaai aika aranaki bwa copper, zinc, iron ao a bati riki. A kabonganaki bwaai aikai ni karaoaki bwaai aika tiraua n aron kaabwa, tareboon ao a bati riki. A kona ni kuneaki iaon te aba ao i kabin marawa. Ma n te tai aio ao te kamatata ena boboto iaon kaubwain marawa aika atibu ake a kuneaki n i kabin marawa n te nano ae nakon 400-6000 te miita.



Tia manga reita te rongorongoro ae kakaongora aio n am Mamautari n ae ena roko.