



# Mamautari Newsletter

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*Emile Schutz are tei man te kambwana aio ao Kautoa Tonganibeia man te Botaki n Akawa.*

*E nang kateaki ana aobiti ae boou Te Botaki n Akawa ma Karikirakean kaubwaira mai Marawa.*

*Tiainaaki te boraraoi ibukin te kateitei imarenan te Botaki n Akawa ma te Royal Crown Enterprise are ngaia ae na katea te aobiti ae boou aio i Ambo.*

*...kabwaninna n itera n baa 2*

*Iai te katautau bwa te Eco-Farm are i Tanaea e nang kona n kabooa nako te taoro n raabanen te ririki aio mai imwiin nooran ana kakatai ae nakoraoi iaon karaoakin te taoro man korakoran kabuebuen taai. ...reitana n itera n baa 2..*

*Maroroakinaki tian ana marawa Kiribati (maritime Boundary) ma aaba ake a uakaan tiaia ma ana marawa.*

*E a kabobongaaki te mwakuri iaon tian ana marawa Kiribati ma aaba aika Nauru ao Matiare.*

*Te itiatia iaon te aba bon ti te arona naba ma te itiatia i taari. Kaokoron te ititia i taari ma are iaon te aba bwa tia aikai a karaoaki rinanon te boraraoi (negotiations) n raonaki ma te mwakuri (technical work) irouia taan rabakau ake ngaiaa tabeia te itera aio.*



*Aikai kaain te tiim n maroro mai Kiribati, Matiare, Nauru ao ai kaain te SOPAC.*

*..kamotia n itera n baa 3..*

## *E nang kateaki ana aobiti ae boou Te Botaki n Akawa ma Karikirakean kaubwaira mai Marawa.*

Te Royal Crown Enterprise ngaia are e a tia n reke ouna te tenta (Tender) ibukin kateakin ana aobiti ae boou te Botaki n Akawa are e na kateaki n ana tabo te Aquaculture are i Ambo.

Mai imwiin tiainaakin te boraroi ma te kambwana n kateitei aio are e karaoiaki

inanon May n te ririki aei ao e a tia ngkai n moana otanakin ana bwai n kateitei mai itinaniku.

E katautauki bwa e na kabanea moa uoua namwakaina ibukin ana oota ao manga karokoiaia iaon Kiribati ikai ana bwai n kateitei ao mai ikanne are e a

kona naba n waaki.

E kaantaningaaki bwa e na kabanea ae nakon waniuake tebwina te namwakaina ao e na bobonga raoui iai rabwatan te aobiti ae boou aio.

# Kabirongorongo

### *Bonganan oeran te ika*

*Iai teniura rinanin oera are a kuneaki inanon te ika:*

1. *linolenic acid(ALA)*
2. *Elcosapentaenoic acic(EPA)*
3. *Docosahexenoic acid(DHA)*

### *Bonganaia nakon rabwatara:*

- *E totokoa te cancer*
- *E kauarerekea reken te toki n buro*
- *Karikirakea te wanawana ao e kauarerekea aorakin te kaburoro n aron te mwamwaninga ao a bati riki*
- *E kauarerekea reken te mataki*
- *E kauarerekea te Tioka*
- *E karikirakea te tamaroa nakon kunim*
- *Taua rawatam*
- *E kauarerekea aron te un n aki Akaka*

## *E reke te taoro man kabonganaakin kabuebuen taai.*



E kamatoa n taekinna te Ka-uoman n Tia Koroboki n te Botaki akawa ae Toani Takirua bwa e nakoraoi mwiin aia kakatai kain te Nei are n te Eco-Farm iaon karaoakin te taoro man korakoran kabuebuen taai are a tia n waakina inanon moan te ririki aio.

Toani ngaia are e mataniwiina kairakin te kakatai aio mai moana ao e taekinna ae a moana karaoakin aia waaki aei inanon Maati n te ririki aio ao e kuku-rei n taekinna ae e reke te taoro inanon

May are nanona bwa e nakon te maan ae teniua te namwakaina ao e kona n reke te taoro man te waaki n kakatai aio.

E reitia n taekinna Toani ae oin te kantaninga n karaoan te kakatai aio bwa bon teuana mai ibuakon kakae nako aanga n karikirake ake e na kona n waakinii te Eco Farm ae karikirake aika teimaan n te aro bwa e na kona n karekei ana kareke mwane

aika kakaokoro man kabonganaakin ana nei ake a mwaiti kurikuri ake iaon Temwaiku.

N reitaki ma anne ao gkai e a tia n kakoouaaki bwa e nakoraoi te waaki n kakatai aei ao mai ikai are e nang moana karaoakin te taoro te kambwana ae Eco Farm are e katautauaki bwa e nang kona n kabonakoaki nakoia bon kaain Kiribati nakon taai aika ana roko. Ngkana arona bwa e bwai

ao n bobonga raoui te karikirake anne ao e na bon irii naba nanon kai ni baire iaon kabonakoakin bwai.

E kantaningaaki bwa e na baraakina te mwakuri Eco Farm iaon te kariirake aio inanon te ririki aei.



ara BIKE-rerei



# Student's Corner

## Why are coral reefs important?

Coral reefs are important to us because they protect our islands from waves and because they provide the source for our food. Coral reefs are a natural defence barrier against the big waves that wash close to our islands. They absorb the impact of the waves so that they do not wash over the islands and take away our beaches, vegetation and homes.

Coral reefs are also a perfect living place for fish and other sea creatures. They provide the habitat (protection from other fish, and a feeding place) for many different species (types) of marine creatures.

1. If we kill the coral

2. Sometimes red algae will grow on the dead coral; these algae are poisonous to humans

3. The fish eat the poisonous algae

4. Humans eat the fish and get sick

## Kabobongaaki te mwakuri iaon tian ara marawa Kiribati ma aaba aika Nauru ao Maitiare.

**Kiribati** n aonona are n te ma Nauru ao Maitiare. itera meang ao e iaontia ana marawa ma aaba aika Te katautau bwa boraroi Matiare ao Nauru. N te aikai ana karekeaki taia n bowi are e karaoaki i Biiti inanon May n te ririki aio ao e boboto iaon aia maroro taan rabakau man aaba aikai n raonaki ma aia taan kaeti tua ake ana kona n anga aia ibuobuoki iaon mwakuriian te tia i marawa.



Tiaki ti ngaia ma imwiin te mwakuri ae abwabwaki ao manga maroroakinaiia ao iai beeba ni boraraoi (treaty agreements) ake a otinako mai imwin te bowi aio, are man tiainakin beebwa n boraraoi akanne ao e a kamatoa naba iai tian ara marawa

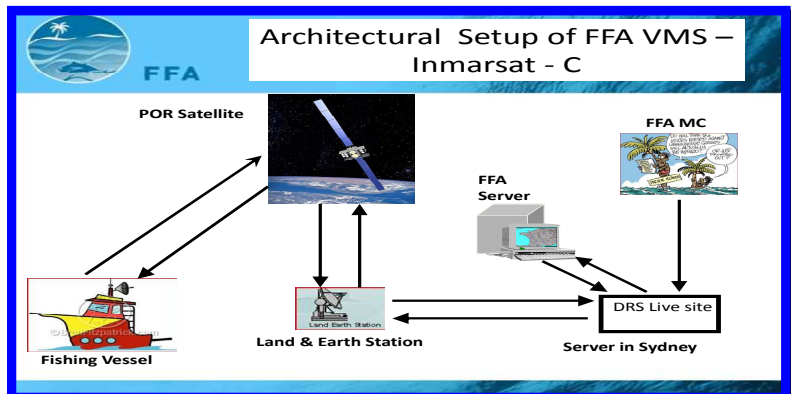
*..reitan te reirei iaon te VMS*  
 Observers n akea te VMS iaona ao mai ikanne are e a bon ataaki naba bwa akea ana ratienti n akawa te kaibuke anne.  
 Te maroro n anga reirei are e kairaki iroun Daniel Koroi man te FFA ni moan te namwakaina aio ao e boboto iaon aron kamwakuran ma kabon-

mwakuri ma kataneiai ake a waakinaki ibukin katiaan mwakuri aikai. Tiaki tii ngaia ma e a uringaki naba SOPAC (South Pacific Applied Geoscience Commission) n aia mwakuri n ibuobuoki nakoia kain te tiim mai Kiribati ake a tia n onimakinaki bwa tabeia katiaan aio.

Iai te kantaninga ae abwabwaki bwa ana bane n tia tian ana marawa Kiribati ma taian boraroi ma aaba ake e iaontia ma ngaai inanon te ririki aio.

bitin te Botaki n Akawa. E a kaainaki te reirei aio irouia ana botaki n mwakuri nako Te Tautaeaka ake a irekereke ma te itera aio n aron Police Maritime Unit, Enforcement Officers ao ai bon kaain te Botaki n Akawa. A kabanea tenibong ni karaoan te reirei aio.

*Aio kabwarabwara an tein ana mwakuri te Vessel Monitoring System.*



***Te reirei ni kataneiai iaon uarokoan te rabakau nakon ae tamaroa riki iaon te tararua nakon ara marawa rinanon kabonganaakin te bwai ni mwakuri ae te Vessel Monitoring System (VMS) ke te Automatic Location Communicator (ALC).***

*Tararuaan ana marawa Kiribati bwa akea ae na iraa n rin ao n akawa n akea ana ratienti bon teuana mai ibuakon taben te botaki n akawa ae rangi n kakawaki ao n tabeaianga iai n te bong ae koraki bwa e na rangi n raioiroi te mwakuri iaon te itera aio.*



Te VMS bon te bwai n mwakuri ae e toamau raoi bwaina nako iaon te itoman ma te tiataraita (satellite) are e na kaotii ao n riibotini mwiin ana kakamwakuri nako te kaibuke n akawa inanon te marawa. Are nanona bwa te VMS aio e kanakoi riiboti nakon te tiataraita i karawa ao man te tiataraita anne e a manga kanakoi nakon kaaitarana (Station) iaon te aba are mai ikanne ao e a kona ngkanne te mitiin (Server) are i Sydney Aotiteria ni karekei riibooti akanne ao ni kanakoi nakon ana mitiin FFA are ngaia ae tararuaa ana marawa Te Betebeke ae bwanin. Tiaki tii ngaia ma aaba nako n aron Kiribati, a kona ngkanne ni karekei rongorongon ma riiboti man te mitiin anne iaon kaibuke ake a biribiri inanon ana marawa.

Te VMS aio ngaia ngkai ae e a kabonganaaki n aban te Betebeke ao n aban te aonnaba ni kabutaa bwa teuana te anga n tararua ae rangi n tawe ao n oom-

waka kioina ngke riiboti ake e kanakoi bon rogorongo ake a rangi n kainnanaoaki iaon kaibuke ake a rin inanon te marawa n aron ana tai te kaibuke are e rin ao n otinako iai, mwaitin butina, mwamwanangana ma taai ao taabo ake e mena iai, tiaki tii ngaia ma e bon kona naba n kaota aran te kaibuke anne.

Bonganan ngkanne te VMS aio bwa ngkana e aki otinako te kaibuke n ana tai are e a tia n anganaki iai bwa e na kiiitana te marawa n te tai are bane iai korakorana ana ratienti ao ngkana e bon nooraki naba mwaiingina inanon te marawa ao ikanne are e a kona naba n te kaibuke anne e a tia n riaon ana tai. Te aekaki n tararua aio are bon akea aia aanga ni karabaia kaibuke bwa ana iraa n tiki nako n akawa ngkana e bane tain aia ratienti kioina ngke a bon bane n kaotaki aroia ni kabane inanon te VMS aio.

N aron ae ataaki ao iaan ana tua te rabwata ae Forun Fisheries Agency (FFA) ao kaibuke n akawa ake a kan akawa n marawan aaba ake e mena iaana ke FFA Members Countries are Kiribati bon ngaia naba kaaina ao teuana mai ibuakon kanoan te boraroi bwa a riai n karekei aia VMS ao ni kanimwii iaon aia kaibuke. Are nanona bwa ngkana a kan akawa n marawan aaba akanne ma akea irouia te bwai ni mwakuri aio ao a bon aki kona n anganaki aia ratienti n akawa.

Are nanona naba bwa ngkana iai te kaibuke n akawa ae karina n nooraki n te marawa irouia taan tutuo inanon te marawa n aron Te RKS te Anoai, te Coast Guard ke bon irouia

**..reitana n itera n baa 3**

# Kakauring

## **.Tera bongan te ane**

- E totokoa abara man nao aika bubura
- E totokoa kanakinakoan mataniwiin ara bike ao mwengara
- E karika te aba (akea te ane, akea te aba)
- Nneia iika ao manin taari ni maeka
- Nneia ika aika a uarereke ni kataniia mai irouia ika aika bubura
- E reke mai iai kanara

## **Bukin tera ngkai uruakin te ane e kona n rota te otabwanin ao maiuia aomata**

### **Teniu anga ae kona n rotaki iai te otabwanin ao maiuia aomata.**

1. Uruakakin te ane e kona n totokoa rikin te aba ao man karikirakea korakorana te nao nakon mataniwiin te aba. Mai ikanne are ea kona n rota maitin te atama ma te bike are e mena i mataniwiin te bike ao man kauarerekeke abwakin te aba ibukin katean mwengaia aomata ni ikotaki ma maiuia maan ma aroka akea a tei i mataniwi.

2 Uruakakin ke akean te ane e kona n rota maiuia manin taari nte aro are akea mwengaia ke aia tabo are ana kabongana ibukin kamanoaia man ika ni kakang. A rotaki naba nte aro are akea aia tabo n kabung ao man kai rotaki maiuia natiia.

3. Rotakin maiun te ane e kariki uteuten taari (algae) ake a kona n karekea manin te nganga (ciguatera, fish poisoning). E aranaki manin te nganga aei bwa te 'Gambierdiscus toxicus'. Iika ake a kana te uteute aei aki rotaki n manin te nganga aei ma e ti kona n namakinaki te nganga irouia aomata ake akana te ika ae kana te aekan uteute aei.

## *Kakaeana aia tai ni kakariki iika*



Kakaeana bwa ningai aia tai ni kakariki iika bon ana waaki n mwakuri ae boou te Botaki n Akawa ao n rangi n kakawaki naba ibukin ataakina bwa e na kai bane ao n bua aekaki n iika akanne ke kanga. Aio te mwakuri are e a tibwa moana waakinana te Fisheries are i Tanaea inanon May n te ririki aio are e a kairaki iroun Being Yeeting man the Secretariat of the Pacific Community (SPC) mai Noumea. Te bwai ae a karaoia bwa ana kakaei rongorongon iika ake a rangi n akaakawaki riki irouia te bota n aomata iaon Tarawa n aron iika aika te ika n bong, te takabe, te okaoka ao ai utuun nako te mon.

Te waaki aio bon karekean rongorongon iaon aia tai ni kakariki iika. Ti aki tii ngaia ma ana kakaea naba bwa birimakara aron ikawaia ika aikai ao riki n roko n te roro ni kona ni kariki. Ni kanoan riki te kakae aio ao ana bon kakaea naba bwa mwaitira ana man ni kariki te ika anne, are e na kona ni buoka aron iangoan ma atakin aron tein mwaitiia ika aikai n te tai aio. Are nanona bwa man rikorikoan rongrongon aikai ao e na kona ni buoka aron iangoan kateimatoan mwaitiia. Akanne iango ma katautau ibukin babaire aika ana kona n otinako man te waaki ae boou aio.

Aio ai bon tibwa te moan tai n waakinaki te aekaki n mwakuri aio ma e ngaie n anne ao ai aio ngkai te waaki n mwakuri ae a nang kakaraoia kain Tanaea bwa teuana mai buakon tabeia ae ana kakaraoia ao ni booboti rongorongon aikai

A kabanea teuana te wiki n karaoan te waaki n reirei aio.

## *Katabangakin ana kai ni baire Nonouti iaon kawakinan marin ab- aia ae te ikari.*

Ana tabeka ngkoa te wiin karinakin katamaroa Kauntira n Nonouti nakon Te Botaki n Akawa iaon buokan kawakinan ikan abaia ae te ikari ike e a ibuobuoki iai te botaki n akawa ao Being Yeeting man te Secretariat of the Pacific Community (SPC) n kaotinakoa aia kai ni baire iaon akawaakin te ikarii, e a moanna ngkai n rooroko n tokina kiaina ngkai e a roko n te mwaneka are ai katabangakin te kai ni baire anne nakoia kaain te aba bwa ana ataia ao tera aia iango iai.

Te mwananga are a karaoia kain te Botaki n Akawa rinanon mwaan-gana are te Fisheries Division i Tanaea ao a uota ngkai te kai ni baire aio nakoia kain te aba bwa ana kaotia ao n katabangakia nakoia kain Nonouti ni kabutaa bwa tera aia iango iaon baike a tia n kaweneaki bwa ngaai kanoan te kai ni baire aio Aio te mwaneka are ana karekea iai ana iango te abamwakoro ae bwanin ike ana manga uoti rikaaki te botaki n akawa ao ni manga karinii bwa katamaroa nakon te kai ni baire anne imwaain are e na uotakirake nakon Kabineti (Cabinet).

Are nanona bwa mai im-

wiin karinakin katamaroa akanne ao e riai n uotakirake nakon ibukin kabwatakina ao mai ikanne are e a kona naba n riki te kai ni baire anne bwa ana oi n tua te abamwakoro ae Nonouti.

N aron ae ataaki ao oin ana iango te abamwakoro ae Nonouti iaon aei bwa iai iangoan kateakin aia karikirake ae te tatakaro iaon akawaakin te ikarii irouia iruaa mai abatera n aron are e a tia naba n karaoaki ngkoa iaon Kiritimati n ririki aika nako ma e toki kawarakin Kiritimati irouia iruaa ngke e tabe n keekerikaaki te kokona irouia taan takakaro. Ao aio are e aki tangiria Nonouti bwa e na manga riki naba nakon ana karikirake aio ai ngaia are e kakaei moa aanga ake e na kona n totokoi rikin kanganga ae ai aron akanne.

N reitaki ma anne ao e kakoauaaki bwa e rangi n korakora ngkoa ana kareke mwane Kiritimati man te takakaro aio ao te katautau bwa ngkana e waaki raoi ana iango Nonouti aio ao e na kona naba n kabwaroa te mwane ae mwaiti nakon te abamwakoro aei a karaua n tirobaea raoi aron waakinan aia karikirake aio.

Te mwananga are a karaoia kain te Fisheries Division n te tai aei ai bon te ka-teniua n tai. Te moan ao te kauoua e karaoaki n te ririki ae nako ma aio are bon tii imarenan te Kauntira n Nonouti ma te botaki n akawa ma kaain ana tiim inanon moan wabobongan te kai ni baire ma n te tai aei ao ai bon karokoana iroun Nonouti ae bwanin bwa aonga n ataia koina ngke n tokin te tai ao kai ni baire aikai ana riki bwa ana oi n tua abaia are bon ngaiia taan irii nanon tuua akanne.

Ni katoaa mwanangan te botaki n akawa aio nako Nonouti ao e aki toki n kairiia kain ana aobiti te tia kaeti tua, te botaki n mwakuri ibukin Aaba inanoa ma karikirakean Abamwakoro ao ai Te botaki n kaneweaba ke Tourism ma e aki moa reke irin ana aomata te botaki n kaneweaba n te tai aei iaan katabeana aika mwaiti. A karaoa mwanangaia aio inanon banen Eberi nakon moan Meei n te ririki aio.



ara BIKE-rerei