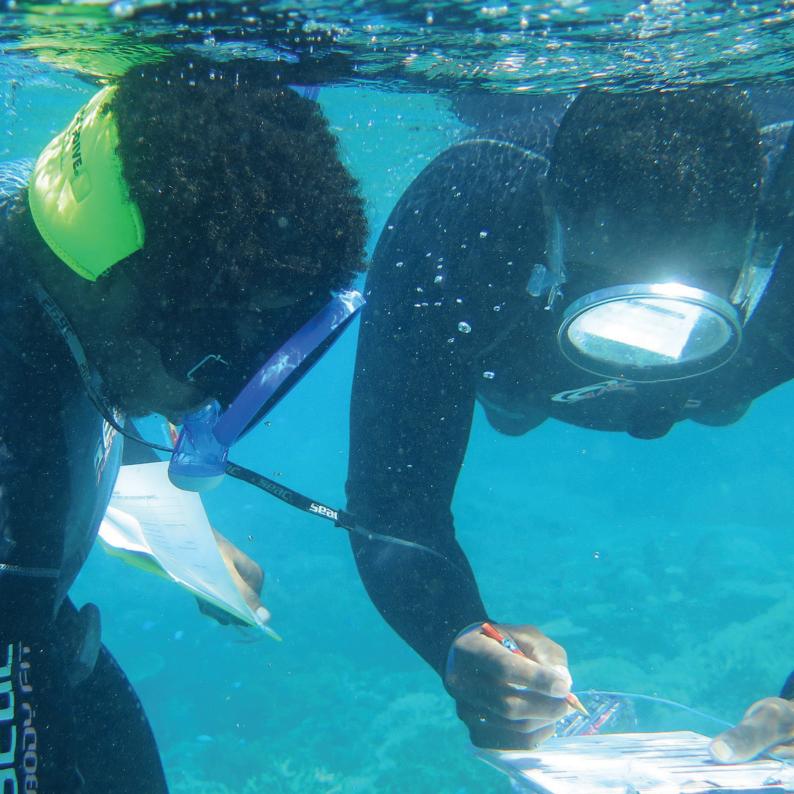






Torres Strait Regional Authority Land and Sea Management Unit



Introduction

The Land and Sea Ranger Program is funded by the Working on Country element of the Australian National Landcare Program and is administered and delivered by the Torres Strait Regional Authority (TSRA) Land and Sea Management Unit (LSMU). The TSRA delivers the initiative with participating Registered Native Title Bodies Corporates (RNTBCs) and communities across the 13 outer islands (14 communities) supporting 13 Ranger Groups.

The LSMU strives to encourage and support Traditional Owners in sustainably managing the land and sea resources of the Torres Strait through the employment of Indigenous Rangers.

- Ensure Ailan Kastom (Island Custom) is protected and reflected in natural and cultural resource management decisions.
- Ensure that culturally significant places and features of the marine and terrestrial environment are appropriately recorded and protected by the respective Traditional Owners.
- Enable and encourage learning about the natural and cultural (both Indigenous and non-Indigenous) environment and best practice natural resource management.
- Address local and regional planning issues and align land and sea management with communities' existing plans, aspirations and priorities.
- Mitigate the impacts of marine debris, pollution from local shipping and boating activities, and minimising land based pollution in the region.
- Improving the information base, including through monitoring and raising awareness of the impacts of marine debris

The programme focuses on:

- Dugong and turtle management
- Fisheries
- Indigenous protected areas (IPA)
- Traditional ecological knowledge
- Sustainable horticulture
- Terrestrial biodiversity conservation
- Invasive species management
- Seagrass monitoring and other research activities
- Land and sea rangers project
- Climate change and coastal management
- Research initiatives

BADU



Frilled Lizard



Mangrove Monitor



Badu Fauna Survey Team

Mura Baduglau Rangers have been trained in trapping methods and have conducted joint patrols with TSIRC "

Marine debris including ghost nets located within the Mura Badhulgal land and sea country has been removed



Climate Change workshop Badu



Rangers erecting signs on Badu Island with Senator Nigel Scullion present

"Mura Badhulgau
Rangers developed an
annual animal survey program
which includes conducting flora
and fauna surveys on scheduled
land patrols"



Ranger Frank Nona conducting beach patrol

MABUIAG



Ranger Willie Babia on Sea Patrol



Creating the Ranger Achievements DVD

According to the Goemulgau Dugong and Turtle Management Plan (2011-2016) The Goemulgau vision for dugong and turtle management in the land and sea country of the Goemulgau Management Area is:

Sustainability of Sea based resources and the reinforcement of traditional values, cultural protocols and ethics for the traditional people of Mabuiag



Ranger Ted Whap at Dhimuru Ranger Exchange

je: Matt Dunn

Mabuygiw Rangers





Maizab Kaur Turtle hatchling survey



Rangers work around Mabuiag community



Dugong & Turtle Meeting Mabuiag

MUA



Tangaroa Blue activities

Rangers have coordinated shoreline clean up and revegetation. These activities have been used to educate communities on shoreline sensitivity



Ranger Wigness sifting through debris



Near Western Rangers participating in land patrol

ge: Flamk Lot

Mua Tagalgau Rangers



Ranger Erimiah Manas assisting mosquito spraying and clean up



Ranger Fred Wapau and Ranger Guyai Uiduldam on land patrol





Ranger Jackson Ware at Maizab Kaur participating in turtle nesting survey



Mua Ranger on Sea Patrol

Image: Tris

age: TSR/

BOIGU



Ranger Nelson Gibuma with Barramundi



Ranger Ishmael Gibuma checking swamps for invasive fish species



Ranger and My Pathway participants conducting weed spraying

** Rangers have facilitated the transfer of knowledge from elders to young people about the plants and animals on our island (utilizing the TEK system) **



Senior Ranger Nelson Gibuma conducting weeds surveys

e: Mark Geyle

Malu Kiai Rangers



Senior Ranger Nelson Gibuma and Ranger Ishmael Gibuma



Ghost net found during sea patrol



Ranger Nelson Gibuma & co worker

46 A brochure of pest fish species has been developed and circulated throughout the community to raise awareness **



Ranger Supervisor Dimas Toby during beach patrolat Warul Kawa



Rangers and TO's travelling to Warul Kawa to participate in biodiversity surveys. George Nona, Terrence Whap and Nelson Gibuma

ane. TSRA

DAUAN



Senior Ranger Tenny Elisala

Dauanalgaw land and sea country has been monitored for new weeds "



Rangers fence erected around sacred site



Simakal Rangers participating in Sea Patrol



Senior Ranger Tenny Elisala and Chicka Turner install cultural site name

ge: TSRA

Simakal Rangers



Rangers conduct weed spraying



Rangers work to eradicate Agave weed

Significant sites are identified and are protected as directed by Traditional Owners





Rangers installed cultural site name. Senior Ranger Tenny Elisala with assistance from Senior Ranger Herbert Warusam from Saibai and Ranger Supervisor Dimas Toby



Ranger Laurie Elisala. Australian Marine Safety Authority School visit on Maritime safety

Je: TSRA

SAIBA



Rangers commence work on community garden



Planting begins on Saibai farm



My Pathway workers assist Rangers erect sign with cultural site name



Rangers visit to Tagai College – Saibai Campus to discuss invasive fish species (Climbing Perch) project

ge: TSRA

Mura Buway Rangers



Ranger Herbert Warusam operating Ranger vessel



Rangers and community members complete sign erection

"Native plant survey undertaken to determine species present. During land swamp patrols, rangers are involved in identifying native plants. The information is then shared with the Terrestrial officer for further investigation"



Sea Patrol around Dauan Island



Rangers work tirelessly on weed control and eradication of Leucaena

ge: Matt Dunn

IAMA



Beach Patrol on uninhabited islands

66 Rangers have assisted in the transfer and preservation of traditional and cultural activities including, recording knowledge from elders and passing knowledge onto community members "



Ranger Richard Kepa rescuing turtle hatchling



Central Island Rangers participate in revegetation project on Guiya Island

lamalgal Rangers



Ranger Richard Kepa surveying lama Well



Rangers take part in Hawksbill survey around the Central Islands



Senior Ranger David Baragud and Ranger Richard Kepa at Sassie Island



** Rangers continually engage with local community and share information about local plants and animals. For example, one Ranger found a trapped juvenile turtle in the community and talked to the childrens about looking after turtles. Rangers are also developing a animal and plants calendar that outlines what plants and animal are doing at each time of the year **



lamalgal Rangers conducting Sea Patrol at Gebar Island

Image: TSRA

WARRABER



Ranger Mark Pearson participating in Coral Monitoring



Warraberalgal Rangers installed No Vehicle access signs



Ranger Joel Billy and Ranger Aken Baragud IPA surveys



Ranger Aken Baragud and Ranger Young Billy GPS markings of Cultural sites



Rangers and Traditional Owners conduct survey on uninhabited islands



Ranger Mark Pearson watching sunset during coral monitoring trip

:: Tristan Simpson

Warraberalgal Rangers



Ranger Supervisor Laura Pearson with lizard found during IPA survey



Rangers inspecting on Ulu Island as part of IPA survey

** Rangers have continued to support the nursery expansion to use the facility to propagate native plants for rehabilitation projects **



Rangers participate in GPS training at Warraber Island



Ranger Young Billy conducting Ulu Biodiversity survey

ade. TSR/

age: TSR/

PORUMA



Seagrass monitoring at Poruma Island

"Turtle surveys have been undertaken to identify nesting populations and nesting success rates. Rangers regularly engage with community about turtle and dugong management. Rangers regularly present at the school on turtle and dugong management and other topics) "



Ranger Freddie David



Ranger David Pearson beach profiling during Warraberalgal and Porumalgal IPA surveys of uninhabited islands



Rangers conduct beach and land patrol on Atub Island

mage: Nick Layne

Porumalgal Rangers



Rangers working on weed control



"Tangaroa Blue" activities on Poruma Island



Ranger David Pearson participates in community clean up

Rangers have been taught how to use Elliot traps and how to undertake passive surveillance



Rangers working on Country



Land and Beach patrol-turtle nesting count on uninhabited islands around Poruma

ge: TSRA

MASIG

** Rangers have continued their support role in the development and maintenance of food gardens and helping the community understand and improve soil quality **



Beach profiling on Masig Island



Ranger Loice Naawi working with Warrraber Senior Ranger Mark Person and Ranger Young Billy planting fruit and vegetable seeds



TSRA Rangers dispose of debris collected from IPA clean-up on uninhabited island around Warraber, Poruma and Masig



Rangers conduct beach clean-up of IPA uninhabited islands around Warraber and Poruma

ge: Matt Dun

Masigalgal Rangers



Ranger Edna Nai showing school students how to plant Arrowroot (Gassi)



Masigalgal Rangers and Supervisors work on Beach profiling

"Coral monitoring was conducted by co - owners of the Masigal sea country During 6 - 19th Oct 2015 – Reef Health Indicator survey (RHIS) sites were set up Masig and other islands and Manta towing was conducted around Masig and surrounding islands"



Senior Ranger Francis Nai conducting seagrass monitoring on Mer Island



Ranger Loice Naawi participate in Tangaroa Blue beach clean-up on uninhabited islands around Masig

ge: ISKA

UGAR



Ranger Joseph Dorante measuring changes to beach (beach profiling)



Leucaena weed eradication project on Ugar

Ugar Rangers have supported Traditional Owners in the transfer and preservation of Traditional Cultural knowledge for future generations "



Eradicating Leucaena on Ugar Island

Ugaram Rangers







44 All marine debris including ghost nets located within the Ugar Ged Kem Le Zeuber Erkep land and sea country have been removed "



Rangers conduct beach clean up



Beach profiling on uninhabited islands around Ugar

mage: Matt Dunn

ERUB

" Erubam Le Rangers participated in the Marine Green Turtle Nesting & Hatchling Surveys along with the assistance from TO's other Ranger groups, Sea team & researchers "



Ranger Boggo Gela participates in Coral Monitoring



Ranger Aaron Ketchell and Tristan Simpson conduct turtle hatchling survey at Maizab Kaura



Erubam Rangers with Senior Supervisor Matt Dunn

Erubam Rangers





Weekly talks with school kids have been held to increase understanding and gain support for Ranger activities

Ranger Aaron Ketchell operating Ranger vessel



School visit to Erub Campus



Ranger Barry Pau addresses school kids at Erub campus



Ranger Aaron Ketchell participating in beach patrol

Image: Matt Dunn

MER



Ranger Tauki Passi doing Coral monitoring



Turtle hatchling at Dauar Island



Ranger Supervisor Laura Pearson and Senior Ranger Supervisor Troy Stow conduct surveys on Dauar Island



Ranger Wuni Wuni Tapau and Ranger Supervisor Lau ra Pearson

Meriam Gesep A Gur Keparem Le Rangers have been involved in turtle tagging surveys on Dauar Island



Rangers participate in Turtle hatchling survey

:: Tristan Simpson

Meriam Gesep A Gur Keparem Le Rangers



Rangers conduct survey on Dauar Island



Senior Ranger Supervisor Troy Stow and Senior Ranger Aaron Bon conduct beach patrol

Marine debris patrols have been carried out and debris has been removed from Mer and Dauar



Community Beach clean-up Mer Island



Dauar Island Turtle Tagging team

age: TSR/



Conclusion

This collection of images and quotes provides the reader, as well as our own staff, with an opportunity to reflect on the tremendous positive achievements they have accomplished over the last 12 months.

The key focus for the Environmental Management Program is to support Torres Strait Islander communities to successfully address environmental management priorities with the Indigenous Rangers conducting land and sea natural resource management activities. The project is creating employment opportunities for local Indigenous people and developing their capacity to deliver land and sea management initiatives in

Torres Strait. The Rangers are implementing current land and sea management activities and play an important role in developing and coordinating the delivery of all projects.

As part of the Performance Development Planning process, Rangers have been involved in: Certificate II in Indigenous Leadership Training, Australian film and television training, Supervising Your Team with Confidence and Writing Skills in the APS. They have also attended: the World Indigenous Network Conference, Indigenous Leadership Forum, Puliima National Indigenous Language and Technology Forum, the National Landcare Conference and Ranger Exchanges.

We believe the success of the Land and Sea Management Unit has been based on our holistic approach in engaging and involving the islander communities around natural and cultural resource management. Through successful partnerships we continue to pioneer a grass-roots community-based planning and management approach with the Torres Strait Island people, the Queensland and Australian Governments, and the nation as a whole.

We would like to acknowledge the Registered Native Title Bodies Corporates throughout the Torres Strait for their guidance to make us aware of land and sea country matters of importance to their communities and thank them for their support throughout Ranger project activity planning, development and implementation.

With your continued endorsement the Rangers will continue to build their confidence to undertake activities to benefit their communities.

Shaun Barclay, Program Manager (Environmental Management), Land and Sea Management Unit, Torres Strait Regional Authority

