

# Enabling CSIRO research and innovation with Aboriginal and Torres Strait Islander Australians

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[www.csiro.au](http://www.csiro.au)




# Our Internal Landscape

**6014**  
talented staff

**58**  
sites across  
Australia

**120**  
Aboriginal and  
Torres Strait  
Islander staff

 Agriculture and Food

 Energy

 Health and Biosecurity

 Land and Water

 Manufacturing

 Mineral Resources

 Oceans and Atmosphere

 Astronomy and  
Space Science

 Australian Animal  
Health Laboratory

 Data61

 Marine National Facility

 National Computing  
Infrastructure

 National Research  
Collections of Australia

## Indigenous Strategic Framework

**OIE**

Office of Indigenous  
Engagement

**IES**

Indigenous Engagement  
Strategy

**RAP  
IEIC  
ISAC**

Reconciliation Action Plan

- Relationships
- Respect
- Opportunities

Indigenous Engagement  
Implementation Committee  
Indigenous Strategic Advisory  
Council

**ISP**

Indigenous Science Program

**Mibu Fischer**  
**Marine Ecologist**  
**Oceans and Atmosphere**



# Coastal Indigenous Livelihoods Project

## Oceans & Atmosphere, Coasts Program

- Brings Coasts Program Indigenous staff together

## Scoping Project

- Blue Carbon Workshop
  - Questions from community groups including Ranger
- Internal CSIRO Indigenous Partnerships Workshop with Land & Water – First Discussion
  - Understanding best practice with Indigenous Partnering
  - Protection of Indigenous Knowledge
- Aquaculture Opportunities & Challenges
  - Economic opportunities for communities
- Capacity Development with Rangers

## Understanding Blue Carbon Opportunities Indigenous Peoples

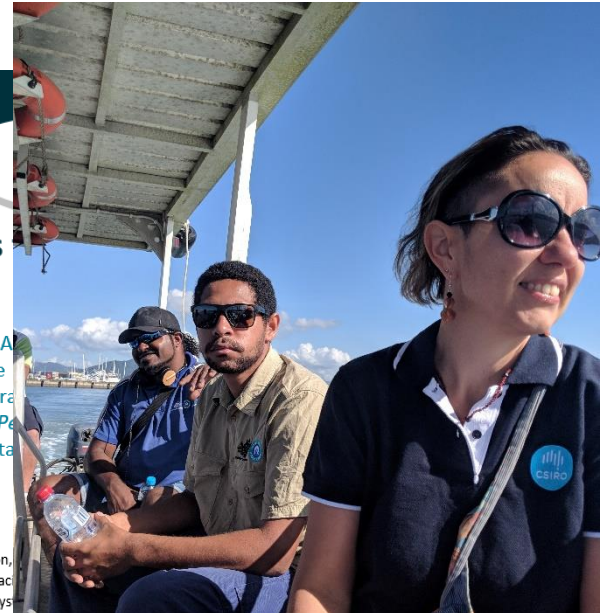
There is increasing interest from Indigenous custodians of the land and sea in Australia and beyond in the opportunities provided by Blue Carbon. But, what are those opportunities, and how can you take advantage of them? CSIRO's Coasts Program will host a workshop on *Understanding Blue Carbon Opportunities for Indigenous Peoples* to answer these questions and more. The workshop is aimed at Senior Representatives of Indigenous peak bodies and Indigenous Ranger groups.

### What is the workshop about?

This workshop will explain what 'Blue Carbon' is, what the current policies are, the science behind blue carbon, the current opportunities and challenges, and how to protect and manage these ecosystems. Focus will be placed on exploring opportunities for Aboriginal and Torres Strait Islanders. We will aim to demystify Blue Carbon and develop a common language and understanding.

### What is Blue Carbon?

- Blue Carbon is organic carbon captured by some specific coastal plant ecosystems
- Seagrasses, mangroves, and tidal marsh are all Blue Carbon ecosystems
- These ecosystems provide a host of benefits beyond carbon sequestration, including coastal protection



**Dr Ray Mahoney**  
**Senior Research Scientist**  
**Health and Biosecurity**





**Our Vision**  
Winnam ATSI Corporation Supports Aboriginal & Torres Strait Islander People to Live Healthy and Happy Lives in the Community

**Partnerships**  
Our Vision Incorporates Partnerships with Multiple Organisations, Government Agencies & Business

**Incentives & Programs**  
Youth  
Child Care  
Aged Care  
Counselling  
Maintenance Centres  
Resource Centres  
Sports & Recreation

**Indigenous and Non-Indigenous People Working Together**  
Our Vision Includes Everyone Working Together in Initiating Positive Change

**The Brisbane River**  
Signifies the Journey of the Quandamooka People within our Vision

**Telling of Stories**  
The "Telling of Stories" Plays an Important role in the Development of This Vision

# Health and Biosecurity

## THE AUSTRALIAN E-HEALTH RESEARCH CENTRE

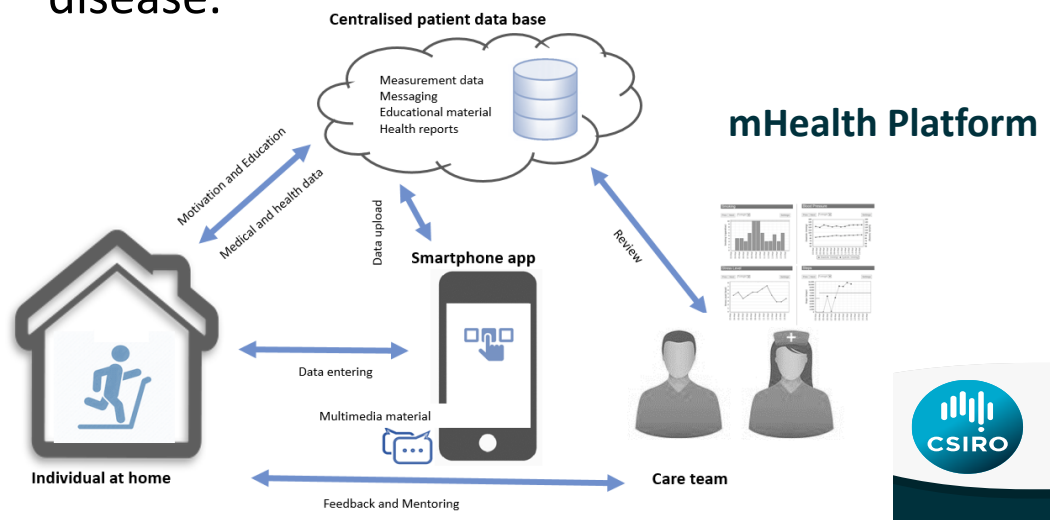


At home in Quandamooka: Smarter Safer Homes platform to monitor activities of daily living  
Winnam has partnered with CSIRO on a project to scope adoptability of SSH Platform for Aboriginal and Torres Strait Islander people.



Scoping Study: mHealth hypertension management in Aboriginal and Torres Strait Islander Community Controlled Health Organisations

QAIHC have partnered with CSIRO on a project related to mobile-health (m-health) for screening and management of cardiovascular disease.



**Dr Marcus Barber**  
**Team Leader**  
**Land and Water**



# Diversifying on-country Indigenous livelihoods

## Land and Water

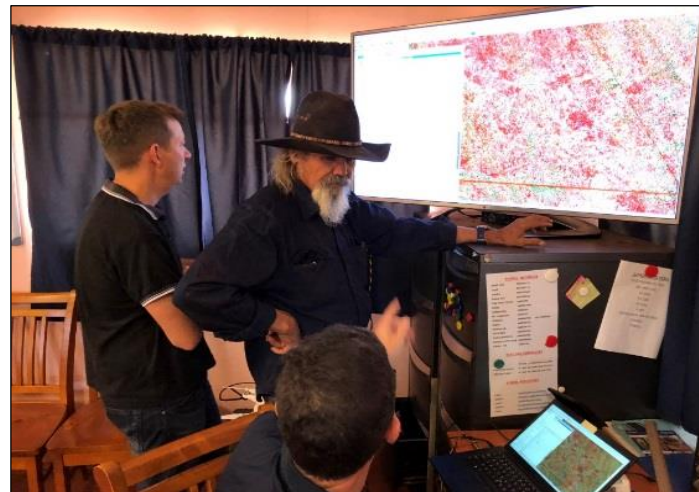
- Major 'home' for CSIRO Indigenous-focused research for 15+ years
- Emphasising unique Indigenous assets – Location, Country, Culture
- Highlighting Indigenous resource rights and interests
- Fostering Indigenous-led science partnerships to support 21st century on-country industries and enterprises
- Enabling Indigenous owners, innovators and investors
- Sustainability and benefit sharing as key goals



Environmental monitoring. Kalan Enterprises, Cape York QLD



Cultural resources of Yirralka Rangers, Arnhem NT



Pastoral asset mapping, Peedamulla Station, WA



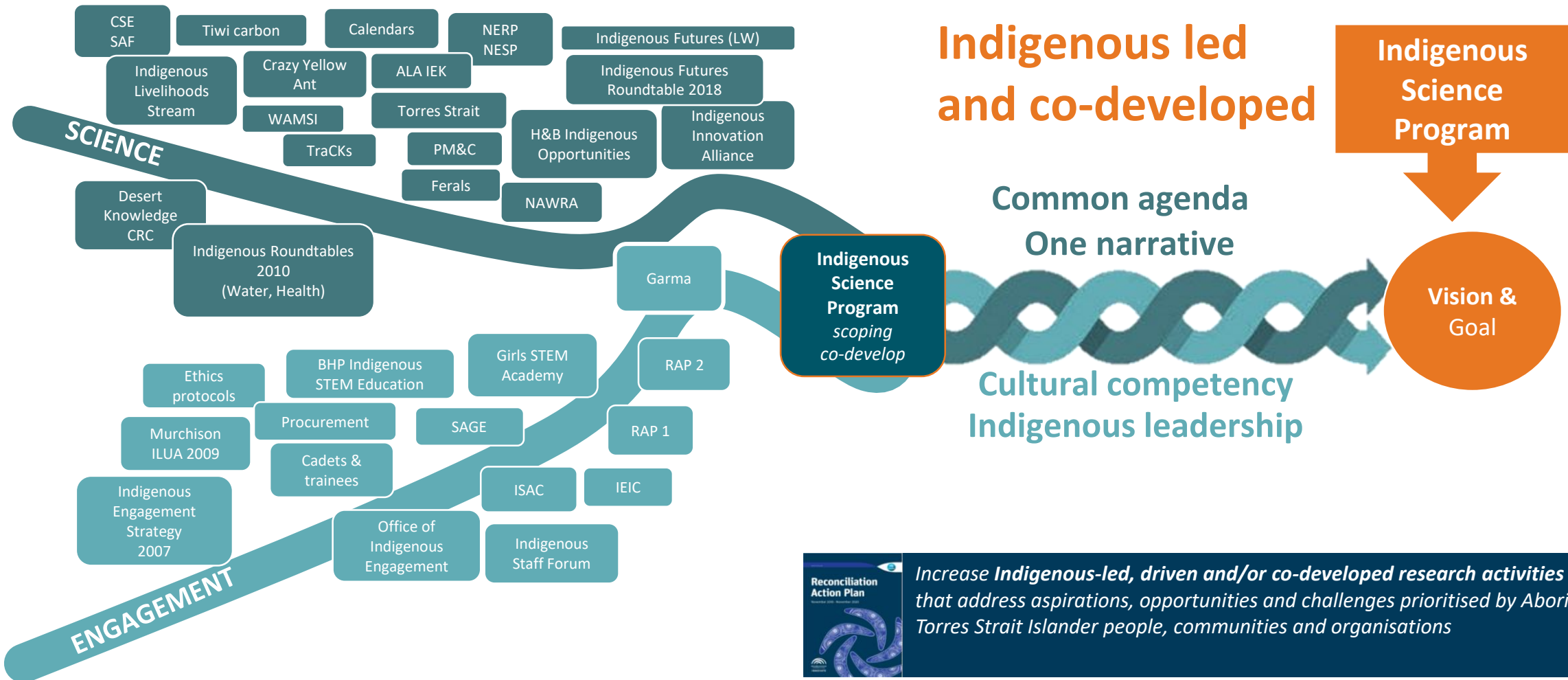
Indigenous water workshop, Chillagoe, QLD



**Dr Leah Talbot  
Research Scientist  
Land and Water**



# CSIRO's journey so far and where we aim to get to




**Reconciliation Action Plan**

*Increase Indigenous-led, driven and/or co-developed research activities in areas that address aspirations, opportunities and challenges prioritised by Aboriginal and Torres Strait Islander people, communities and organisations*

# Enabling CSIRO research and innovation with Aboriginal and Torres Strait Islander People




Office of  
Indigenous  
Engagement



Oceans and  
Atmosphere



Health and  
Biosecurity

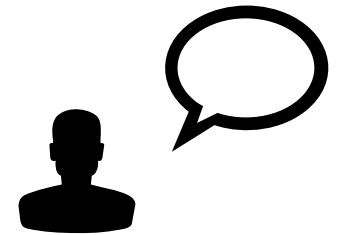


Land and  
Water



Indigenous  
Science  
Program

Questions?



Thank you