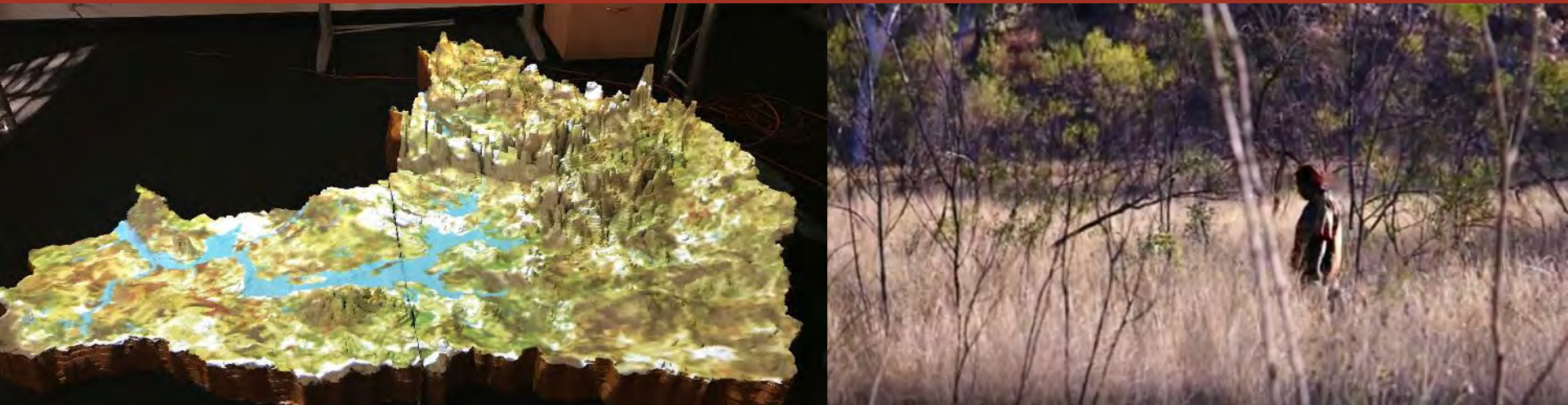
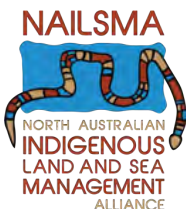


Knowledge brokering for Indigenous land & water management

Project co-leads: Ricky Archer (NAILSMA), Ro Hill (CSIRO)



This project is supported through funding from the Australian Government's National Environmental Science Programme, and matching funding from CSIRO and NAILSMA



National Environmental Science Programme

Partners



Bunuba
Dawangarri
Aboriginal
Corporation

Garawa
Traditional
Owners

Gooniyandi
Aboriginal
Corporation

Jaru
Claimant
Group

Kija
Claimant
Groups

Tiya-Tiya
Aboriginal
Corporation

Waanyi
Traditional
Owners



Walalakoo
Aboriginal
Corporation

Warrwa
Claimant
Group



Yungngora
Aboriginal
Corporation

The research team acknowledges the above Traditional Owner groups for their ongoing support and partnership, and on whose land and waters this research was conducted.

Aboriginal and Torres Strait Islander people should be aware that this presentation may contain images, voices or names of deceased persons in photographs, film, audio recordings or printed material.

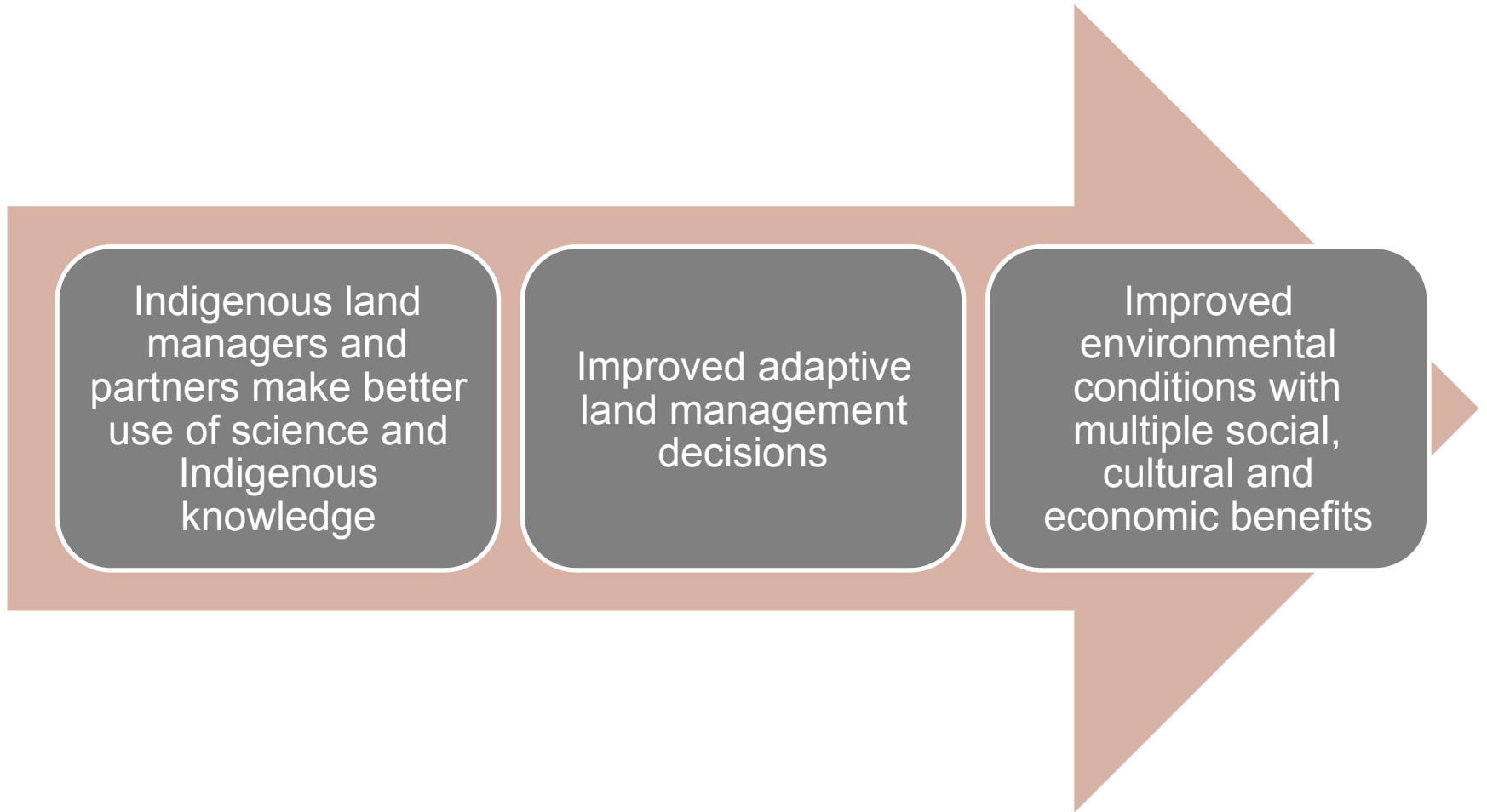
Indigenous-led and co-developed – Steering Group

Kimberley Land Council	Will Durack
Fitzroy Catchment case study	Heather Wungundin, Chloe Nulgit
Nyamba Buru Yawuru	Julie Melbourne
Northern Land Council	Matt Salmon
Cape York Partnerships	Mike Winer
Department of the Environment and Energy	Anthea Brecknell
Department of the Prime Minister and Cabinet	Rick Taylor
Wardekken Indigenous Protected Area	Dean Yibarbuk
The Nature Conservancy	David Hinchley
James Cook University Researchers with linked NESP NAER Hub Projects	Natalie Stoeckl/ Diane Jarvis; Jorge Alvarez-Romeo/Milena Kiatkoski Kim

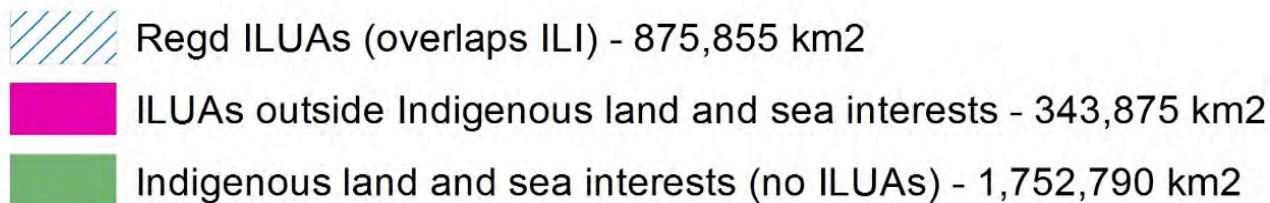
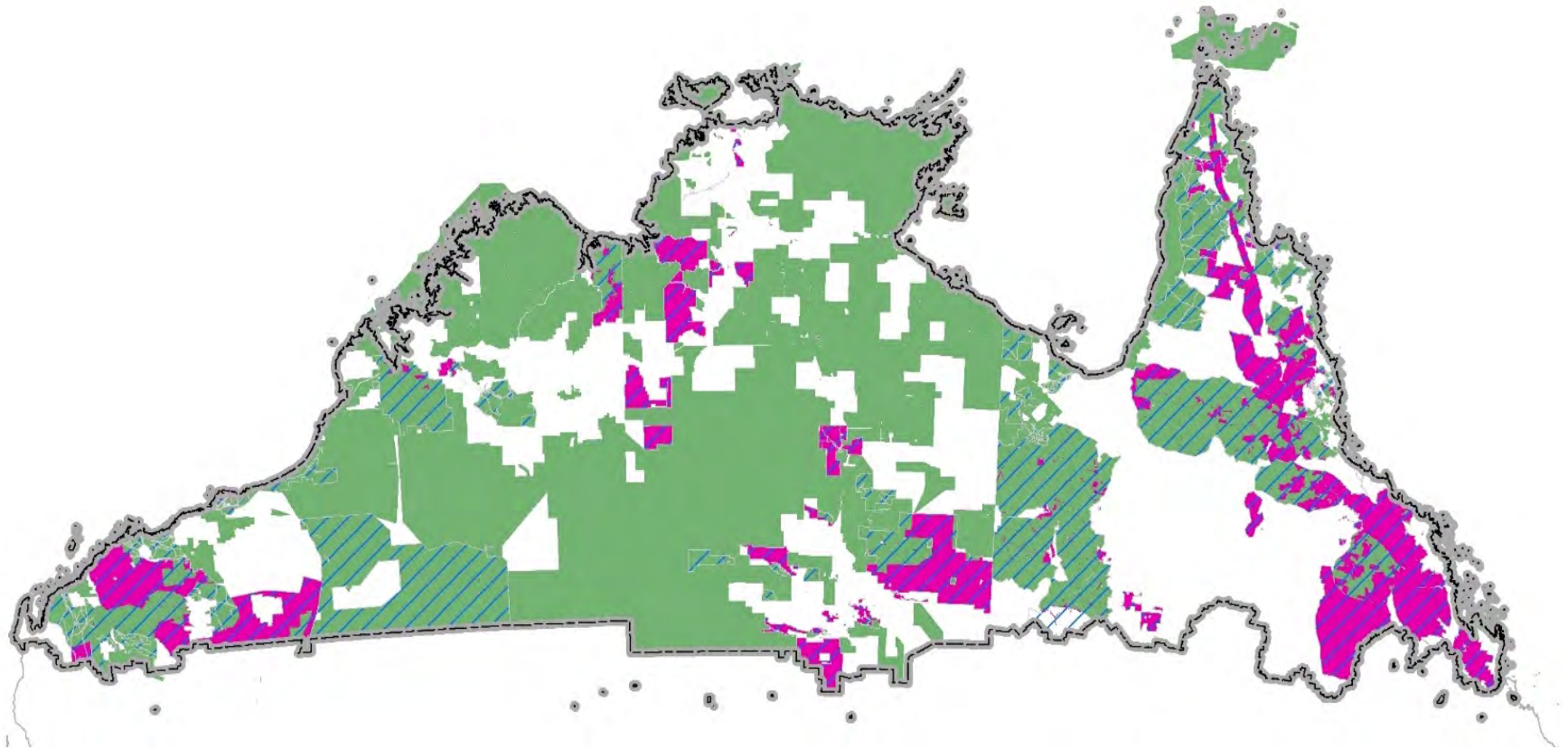
Research team members: CSIRO: Dr Ro Hill, Ms Nat Raisbeck-Brown, Dr Pethie Lyons, Ms Emma Woodward, Dr Jane Addison, Ms Rachel Buissereth (2018); NAILSMA: Mr Ricky Archer, Mr Glenn James, Dr Peter Yates

Regional Research Coordinator: Dr Karen Dayman

Why are we doing this project?



Indigenous Land Interests 58%; 69% with Indigenous Land Use Agreements (2016)

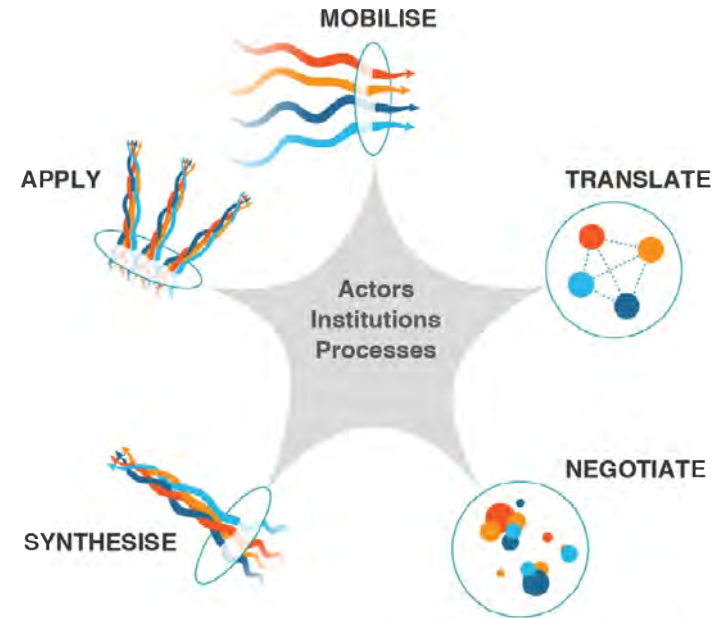
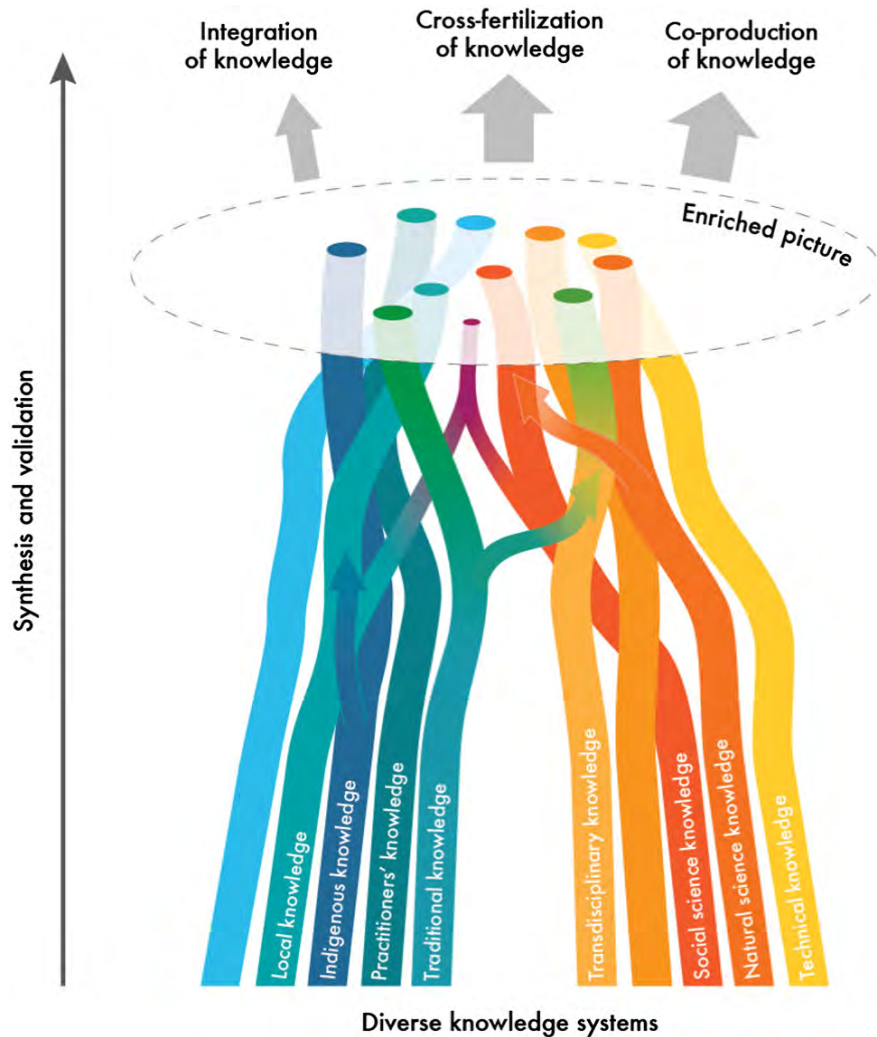


How the research supports knowledge brokering

- Pan-northern knowledge activities to produce *Our Knowledge Our Way Guidelines*
- Fitzroy catchment case study including 3D and influence maps – CSIRO
- Waanyi-Garawa case study: Walks on Country – NAILSMA



Weaving knowledge systems



- Indigenous people require strongly visual & deliberative processes
- There are multiple benefits in learning from each other

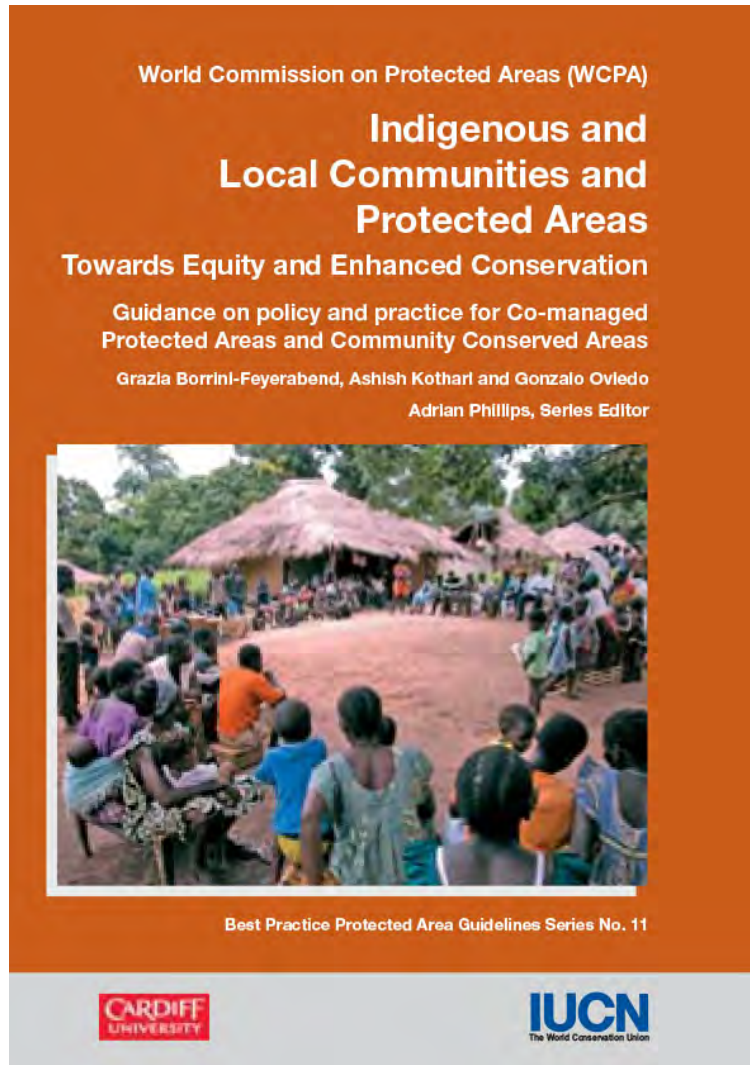
Tengö, M., R. Hill, P. Malmer, C.M. Raymond, M. Spierenburg, F. Danielsen, T. Elmqvist, and C. Folke. 2017. Weaving knowledge systems in IPBES, CBD and beyond—lessons learned for sustainability. *Current Opinion in Environmental Sustainability*. 26-27:17-25

Benefits of peer exchange – Key messages



- Being on country, cultural protocols, reciprocity - right environment for learning.
- Rangers are empowered by social cohesion, collegiality, sense of pride
- Cultural connections through dance, language, and family are vital to learning.
- Exchanging common, successes and grievances – what works and why in policy, program design and on-ground activities.
- Women Rangers become stronger and more confident in roles and decision-making.
- Formal training - practical activities, realistic first-aid scenarios, building tables, fixing machines, smack-down on the beach

CSIRO, NAILSMA partnering with ACIUCN for *Our Knowledge Our Way* Guidelines

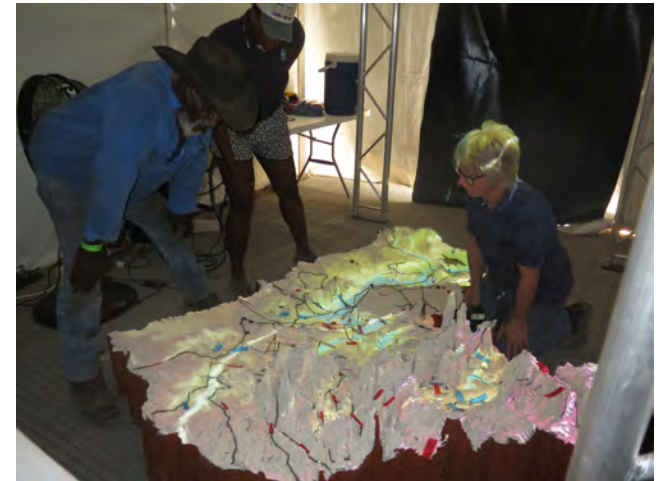


6 chapters:

1. What is *Our Knowledge Our Way* and why is it important?
 2. How is our knowledge working for Indigenous land and sea managers and others? **Protocols**
 3. How is *Our Knowledge Our Way* being recognised around the world
 4. **National call for case studies** that show best ways to share and apply Indigenous knowledge
 5. “Signature” case studies about bringing knowledge together
 6. Options for policy and practices that support *Our Knowledge Our Way*
- + appendices

Fitzroy catchment case study

- Co-planning workshop: 3D and influence maps July 2017
- 3D and influence map-building December 2017 – with kids
- Using maps, interactive projector July 2018
- Road show October 2018
- Assessing scenarios 2019



Waanyi Garawa case study

- Review of Walking in Country 2017
- Walking in Country camps and activities 2018:
 - Minima Walks, Garawa Aboriginal Land Trust
 - Jilundarina (Seigal Creek) walk and film
- Many benefits for strengthening knowledge identified by participants
- But many barriers to getting on country
- Watch film here:

vimeo.com/298072798



ILM and policy-makers using knowledge better

Indigenous land managers:

“Interactive map, covering the areas that are sacred, burial places, was very good”

“Easy to understand how the river flows from all the catchment, tells everyone where our sacred and significant sites are”

“Listening to stories from both sides of the river west, north, from the top to the mouth, how all the people are committed to the river”

“Better understanding of complex power relationships”

“Good that the kids got involved in the model, that was the best part”

Policy makers:

- *Invitation to present to the Indigenous Reference Group for northern Australia – subsequent plan for 3D map pilots with Geoscience Australia to support economic development*
- *Dampier Peninsula, Mitchell River potential cases*



Showing and sharing knowledge in WA's Fitzroy River catchment

Supporting Traditional Owner decision-making



Mardoowarra - Nyikina-Mangala country



Birdwood Downs Workshop



This project is supported through funding from the
Australian Government's National Environmental Science Program

For more information please contact:

Ro Hill

0418 188 958

ro.hill@csiro.au

nespnorthern.edu.au/projects/nesp/knowledge-brokering-indigenous-land-management

Embedded videos can also be found at: www.nespnorthern.edu.au/videos