



Australian Government

Department of Sustainability, Environment,
Water, Population and Communities



National Environmental
Research Program



Photo by AHC



Introduction to the Tropical Ecosystems Hub of the National Environmental Research Program

Peter Doherty, Science Leader, NERP TE Hub

Program Objective

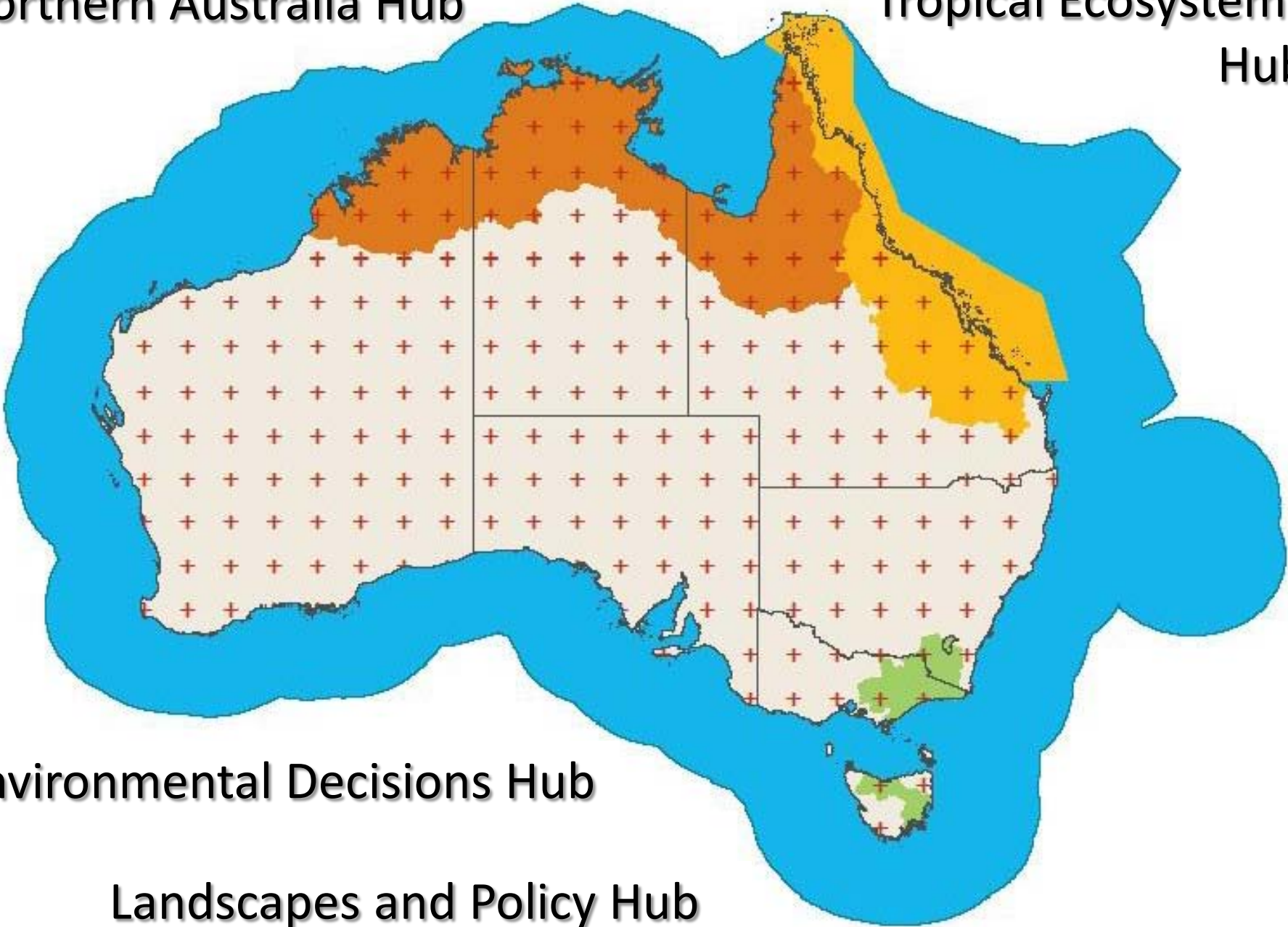
The key objective of the National Environmental Research Program is to:

Improve our capacity to understand, manage and conserve Australia's unique biodiversity and ecosystems through the generation of world-class research and its delivery to Australian environmental decision makers and other stakeholders.



Northern Australia Hub

Tropical Ecosystems
Hub



Environmental Decisions Hub

Landscapes and Policy Hub

Marine Biodiversity Hub

NERP Environmental Decisions Hub



DECISION POINT

Connecting conservation policy
makers, researchers and practitioners

Issue #69 / May 2013

The horns of a dilemma



Why we have to try something
different to save Africa's rhinos



Koalas
How do they judge
restoration?



Crocodiles
Tracking them just got
easier



Lions
Is funding apportioned
'fairly' among threatened
species?

Decision Point

Decision Point is the monthly magazine of the Environmental Decisions Group (EDG). It presents news and views on environmental decision making, biodiversity, conservation planning and monitoring. See the back cover for more info on the EDG. *Decision Point* is available free from <http://www.decision-point.com.au/>

Plus

Turtles and night lights
Saving sea otters and abalone
A new biodiversity offsets calculator
The illegal trade in tiger parts
Summer Scholars report back



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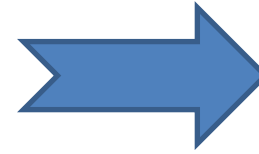
TROPICAL ECOSYSTEMS *hub*

Mission

The NERP Tropical Ecosystems Hub will address issues of concern for the management, conservation and sustainable use of the World Heritage listed Great Barrier Reef (GBR) and its catchments, tropical rainforests including the Wet Tropics World Heritage Area (WTWHA), and the terrestrial and marine assets underpinning resilient communities in the Torres Strait, through the generation and transfer of world-class research and shared knowledge.



Rainforest CRC



MTSRF



2006-11



National Environmental
Research Program

TROPICAL ECOSYSTEMS *hub*

2011-14



CATCHMENT TO REEF
WHAT WE DO IN OUR CATCHMENT AFFECTS THE REEF



1999-06



2003-06



Essential Statistics

\$25.8 Million (NERP) and total value of \$61.9 million



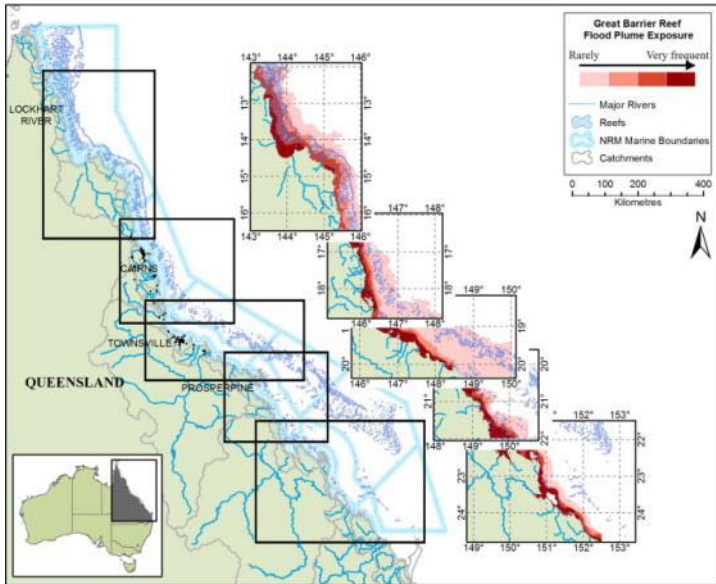
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TROPICAL ECOSYSTEMS *hub*

Operating Model

The Hub is a partnership between research providers (AIMS, CSIRO, JCU, UQ, ANU, GU), research-users including Australian and Queensland government agencies, management authorities (GBRMPA, TSRA, WTMA), NRM bodies, conservation NGOs, regional industries, indigenous groups and the general public.

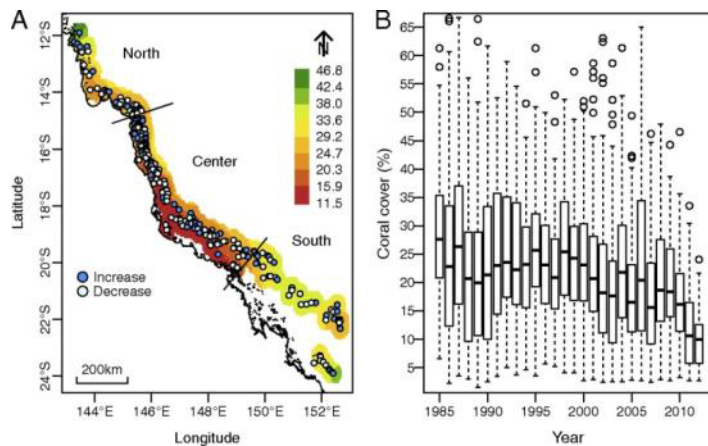
NERP TE Hub Implementation Groups for...



GBR Water Quality projects



Rainforest projects



GBR Biodiversity projects



Torres Strait projects



[Browse by](#) [Projects](#) [Interactive Maps](#) [Datasets](#) [About the e-Atlas](#)



Discover, learn, investigate and download environmental research and reference data for the Great Barrier Reef, its catchments, the Wet Tropics and the Torres Strait.

Recent articles

- NERP-TE Project 12.2 - Harnessing natural regeneration for cost-effective rainforest restoration (Griffith University)**

Posted on **29 November 2012**



The project will assist decision-makers to more efficiently restore biodiversity to degraded rainforest landscapes by providing new knowledge about the outcomes of lower-cost natural regeneration (incl... [read more](#)

- NERP-TE Project 7.2 - Invasive species risks and responses in the Wet Tropics (CSIRO)**

Posted on **29 November 2012**



This project focuses on understanding the current and

Recent datasets

- e-Atlas World Baselayer Version 1 (AIMS)**

Posted on **4 May 2013**



The e-Atlas baselayer is a collection of datasets from third parties styled and combined together... [read more](#)

- Great Barrier Reef Marine Park Boundary (GBRMPA)**

Posted on **27 April 2013**

Boundaries of the Great Barrier Reef Marine Park proclaimed under Subsection 31(1) of the Great Barrier Reef Marine Park Act 1975 (CTH). For administrative purposes, the Amalgamated Great

NERP Tropical Ecosystems Hub Project Factsheet

Indigenous co-management and biodiversity protection

Project leader: Dr Rosemary Hill (CSIRO Ecosystem Sciences)

Project summary

The project seeks to improve understanding of practices that can underpin co-management arrangements for conservation areas, including the Wet Tropics World Heritage Area (WTWHA).

A co-research team of CSIRO scientists, Rainforest Aboriginal peoples, protected area managers and other key partners will investigate the potential of Indigenous Protected Areas (IPAs), and other collaborative models and tools, to engage Indigenous values and world views. The team will focus on the conditions under which these arrangements lead to effective joint management.

The overall goal of the project is to identify the means for effective engagement of Indigenous knowledge and co-management for biodiversity and cultural protection in the region; and for joint management of the Wet Tropics World Heritage Area between governments and Rainforest Aboriginal peoples, in partnership with communities.

Research-user focus

Rainforest Aboriginal people, government agencies and



Mandingalbay Yidinji Rangers taking visitors on a guided walk in their Indigenous Protected Area.



Girringun artists and rangers prepare for Arts workshop with CSIRO researchers, Gyambol Wetlands.



Poster Session

1715-1915

TODAY

Refreshments provided





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www.nerptropical.edu.au