

INTEGRATING CLIMATE CHANGE SCIENCE INTO RANGELANDS NRM

RANGELANDS CLUSTER PROJECT

This collaborative project will assist rangeland Natural Resource Management (NRM) groups to include planning for climate change impacts into their normal NRM planning processes to ensure:

- informed decisions and strategic investments
- long term sustainability of rangeland communities and industries.

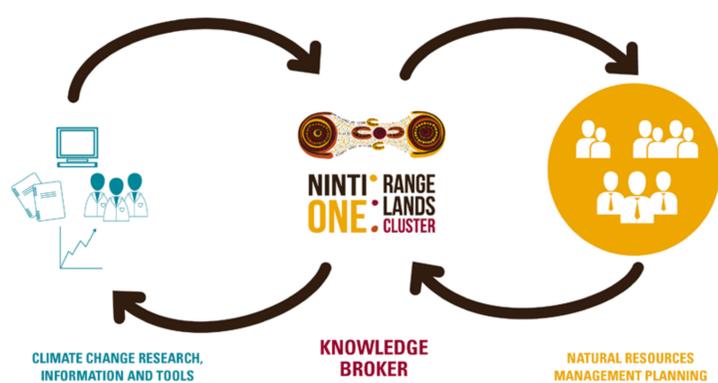


Figure 1: Showing Ninti One as knowledge broker for the Rangelands Cluster, connecting research and scientists to regional NRM organisations.

Over the life of the project it will:

- work with regional NRM organisations to identify information needs and plan responses to climate change that deliver optimum NRM and adaptation outcomes;
- provide highest quality climate change adaptation information that acknowledges the unique characteristics of the Rangelands and can be easily integrated with existing information used by NRM planners;
- assemble and deliver reports, maps, spatial databases, multimedia tools and web-based repositories;
- provide ongoing support and guidance to enable the incorporation of climate change information into regional NRM planning; and
- build the capacity of both NRM planners and climate change researchers and create multidisciplinary networks to deliver adaptive responses in the future

BACKGROUND

In 2012 the Australian Government prepared the Clean Energy Future Plan. Out of this plan came the Regional Natural Resource Management Planning for Climate Change Fund.

The fund is providing \$43.9 million over four financial years to improve regional planning for climate change and help guide the location of carbon and biodiversity activities. The aim of the fund is to improve the capacity of regional NRM organisations to plan for climate change.

Two streams of funding

- Stream one (\$28.9million) – funding directly to regional NRM organisations to revise existing regional NRM plans to help identify where in the landscape adaptation and mitigation activities should be undertaken.
- Stream two (\$15 million) – to produce regional level climate change information (National Projections Project) and provide guidance on the integration of that information into regional NRM and land use planning (Impacts and Adaption Project - 8 regional cluster projects and a national project).

FOR MORE INFORMATION CONTACT

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Figure 2: Climate change is causing more extreme weather resulting in events like flooding. Photo: Jane Addison



Figure 3: The 8 clusters across Australia. The Rangelands Cluster is the largest and includes NRM regions across 5 States and territories.

MONASH University

CSIRO

RANGELAND NRMalliance

- Alinytjara Wilurara NRM
- Desert Channels NRM Qld
- Rangelands NRM WA
- SA Arid Lands NRM
- South West NRM (Qld)
- Territory NRM
- Western CMA (NSW)



NINTI ONE RANGELANDS CLUSTER



An Australian Government Initiative

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