Atlas of Living Australia's Monitoring, Evaluation, Reporting & Improvement Tool (MERIT)

Peter Brenton, Chris Godwin & John La Salle
Atlas of Living Australia

MERIT

An initiative in collaboration with and on behalf of the Australian Government Department of Environment.

Responds to government needs.

Links biodiversity information with conservation activities so that one can try to understand the effect of these activities on the status of biodiversity.

Why do people want "GBIF-like" data?

Contents

Contents

Preserving/maintaining sustainable environments (natural and agricultural) into the future

Australian Government has been investing heavily in environmental sustainability

Total spend over $2 Billion and over 750 individual projects (last 5 years only).

- No coordination of information
- Data management/standards left to individual projects
- Reports as pdf's, word docs, spreadsheets
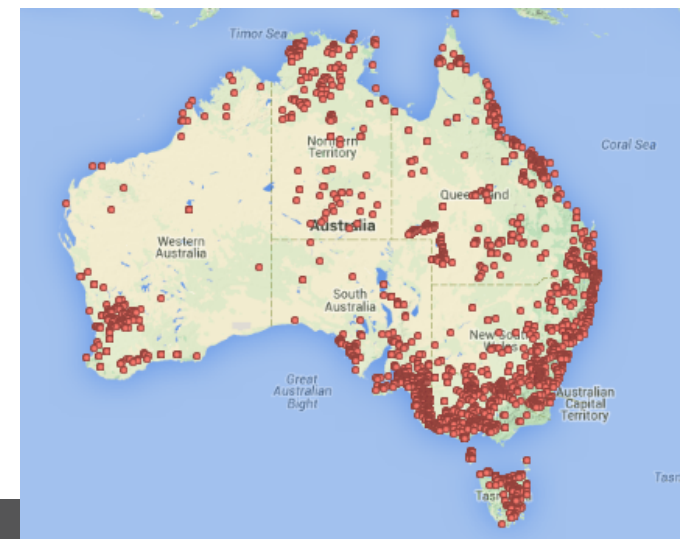
MERIT

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Is increasing information sharing within NRM communities and the broader public.

Is enabling further research into contributions and outcomes of Australian biodiversity conservation.

MERIT

Measure outputs and outcomes related to investments/activities in adaptive management and biodiversity conservation

Supports government activities

Cuts red/green tape

Provides tools for discovery, analysis (within or across projects)

Promotes meaningful aggregation

> Spatial and temporal consistency
>
> Consistency in terminology
>
> Provides forms for consistent data capture

Key messages

Aggregated data enables:

- National view
- Integrative research
- Long term planning
- Operational outcomes
- Regional health
- Monitoring and reporting
- Better policy

Surprises

Maxent model for Epacris impressa

This Maxent v3.3.3a predictive model for Epacris impressa was created Fri Jul 29 13:27:52 EST 2011. Links at the bottom of this page to the raw data may be used for further analysis.

Model reference number: 1311909973484
Species: Epacris impressa (species)
Layers:

- Precipitation - annual (Bio12) (bioclim_bio12)
- Precipitation - annual seasonality (srain0)
- Temperature - annual mean (Bio01) (bioclim_bio1)
- Temperature - annual range (Bio07) (bioclim_bio7)
- Aspect (aspect)
- Elevation (elevation)

Analysis of omission/commission

The following picture shows the omission rate and predicted area as a function of the cumulative threshold. The omission rate is is calculated both on the training presence records, and (if test data are used) on the test records. The omission rate should be close to the predicted omission, because of the definition of the cumulative threshold.

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Developed in collaboration with the Atlas of Living Australia, MERIT will enhance the reporting process by allowing simpler yet more complete project records and showing direct links between project activities and contributions to Australia's biodiversity conservation work.

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- A new sample project has been added to assist users in interpreting activity types and communicating their project to the public. View the sample project (opens in a new tab)

Filter results

Organisation

- East Gippsland CMA (14)
- Fitzroy Basin Association Inc. (12)
- South Coast NRM (10)
- Corangamite Catchment Management Authority (10)
- REEF CATCHMENTS (MACKAY WHITSUNDAY ISAAC) Limited (8)
- ⟳ choose more...

Program

- Caring for Our Country 2 (428)
- Biodiversity Fund (349)
- Cumberland Plain (6)
- Environmental Stewardship (2)
- Green Army (1)

Sub Program

- Round 1 (313)
- Regional Delivery 1318 (309)
- Community Environment Grants 1314 (69)
- Reef Rescue 2013/14 (27)
- Target Area Grants - 2013/14 (22)
- ⟳ choose more...

Reporting Theme

- Protecting and enhancing existing native vegetation (250)
- Managing invasive species in a connected landscape (230)
- Biodiverse plantings (198)
- Building natural resource management community skills, knowledge and engagement (136)
- Conserving and protecting species and ecosystems (matters of national

| Map | Projects | Dashboard |

786 projects with 3770 sites

Filter results

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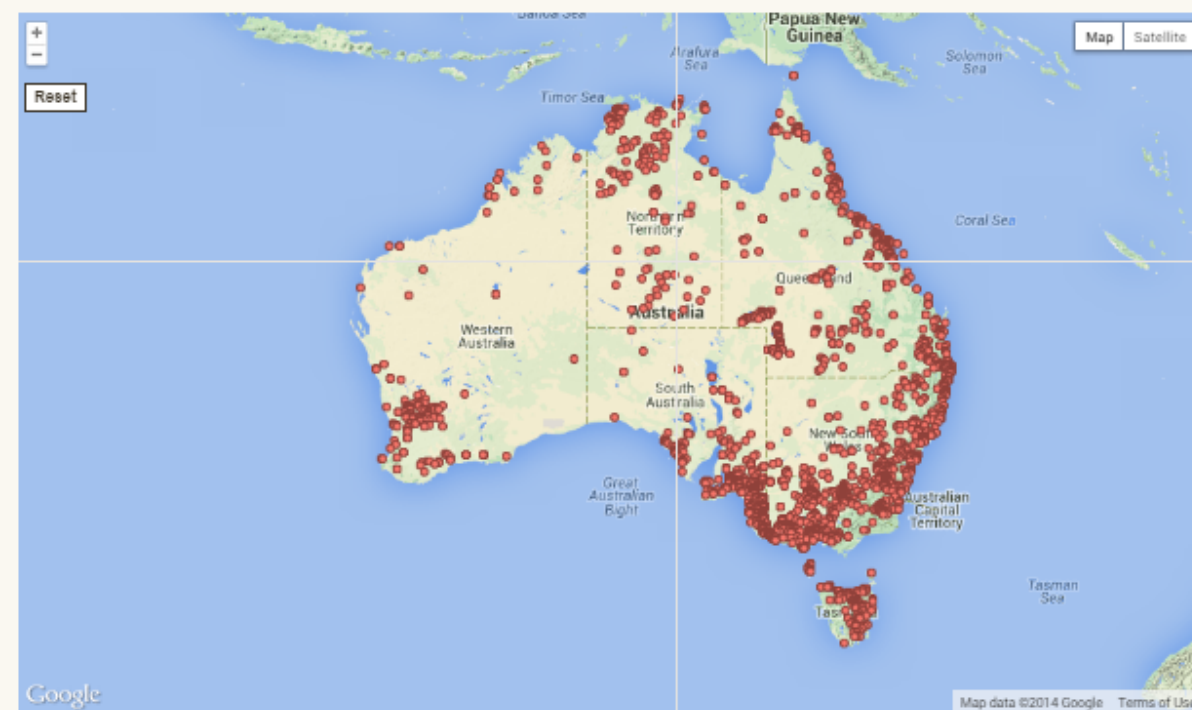- REEF CATCHMENTS (MACKAY WHITSUNDAY ISAAC) Limited (8)
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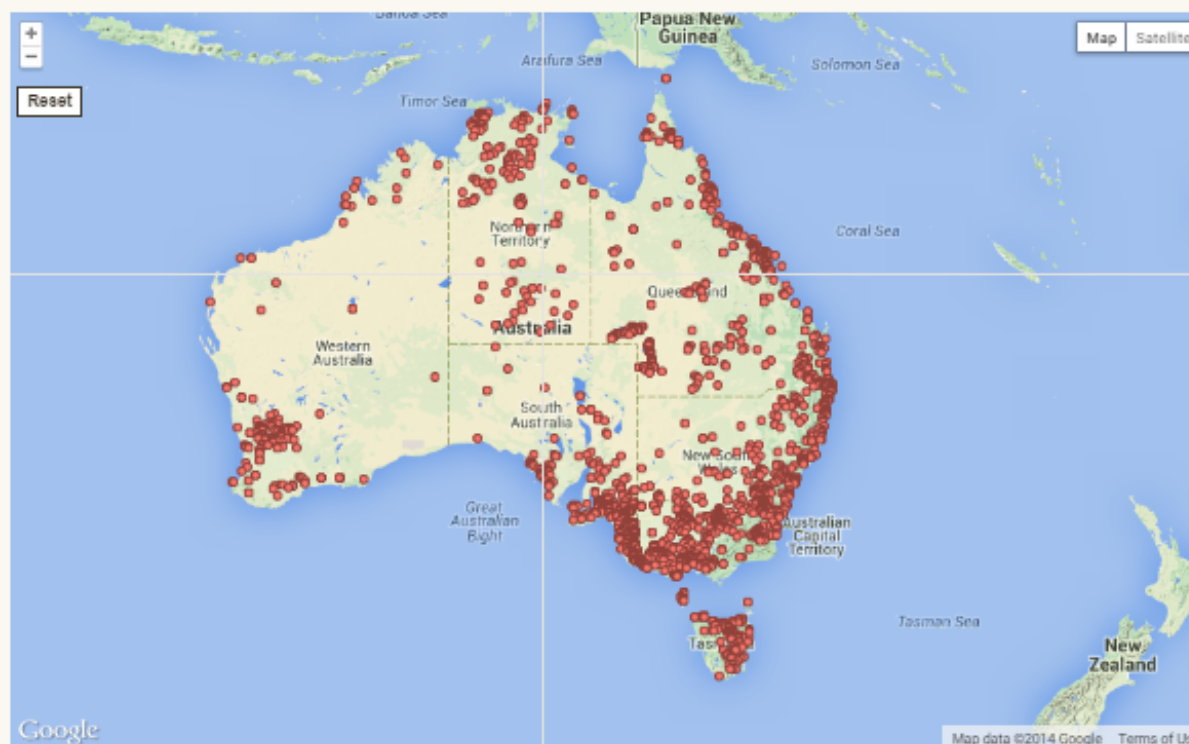- ☼ choose more...

State

- New South Wales (including Coastal Waters) (196)
- Queensland (including Coastal Waters) (163)
- Victoria (including Coastal Waters) (116)
- South Australia (including Coastal Waters) (94)
- Western Australia (including Coastal Waters) (78)
- ☼ choose more...

Management Areas

- Northern Rivers (45)
- South Australian Murray Darling Basin (30)
- Northern Territory (27)
- Southern Rivers (26)
- Wet Tropics (25)
- ☼ choose more...

| Map | Projects | Dashboard |

788 projects with 3678 sites

Developed in collaboration with the Atlas of Living Australia, MERIT will enhance the reporting process by allowing simpler yet more complete project records and showing direct links between project activities and contributions to Australia's biodiversity conservation work.

MERIT Objectives
In future MERIT will deliver:
· Clear rules around the collection and collation of NRM related data and information;
· an online system that has an improved capacity to capture, store and communicate results from NRM investments; and
· the capacity for public analysis of data collected through Australian Government funded NRM programmes.

Past Reporting
Australian Government NRM project reporting was previously done on paper based reporting forms. This often caused variation in reporting between NRM projects and programs. In turn this made it difficult to collate information to tell a whole-of-program story about the impact of NRM investments.

Current Status
Since the introduction of MERIT the Australia Government has moved a large proportion of its NRM investment reporting to a web based format. This marks the start of a transition to collecting standardised NRM information across Australia, and enabling data to be rolled up to tell program and cross-program stories about NRM investments.

While MERIT is currently output focussed which allows for some conclusions to be drawn on NRM investments, it also allows for the measurement of

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Filter results

Current filters

- Management Areas: South Australian Murray Darling Basin ✕

Organisation

- South Australian Murray-Darling Basin Natural Resources Management Board (5)
- South Australian Murray-Darling Basin (5)
- GOOLWA TO WELLINGTON LOCAL ACTION PLANNING ASSOCIATION INCORPORATED (4)
- MURRAY MALLEE LOCAL ACTION PLANNING ASSOCIATION INC (2)
- The trustee for EJ Hermitage Farming Trust (1)
- choose more...

Program

- Biodiversity Fund (21)
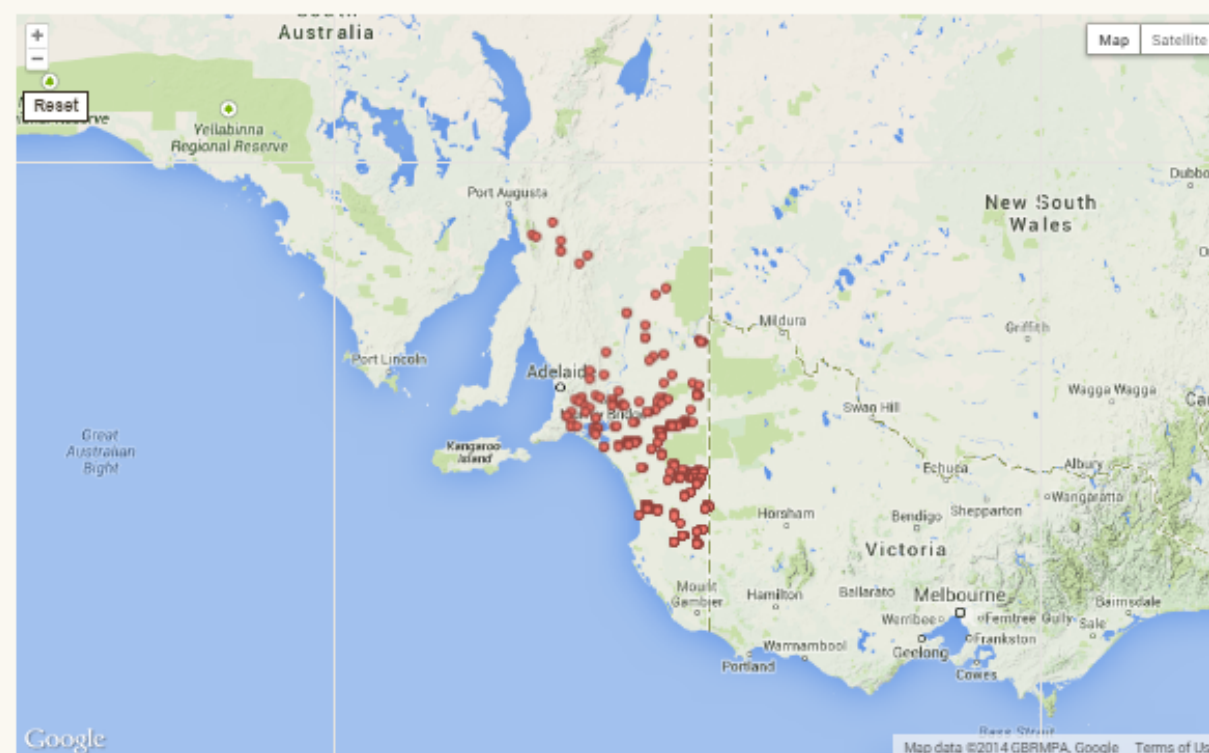- Caring for Our Country 2 (9)

Sub Program

- Round 1 (19)
- Regional Delivery 1318 (5)
- Community Environment Grants 1314 (4)
- Round 2 - 2013/14 (2)

Reporting Theme

- Protecting and enhancing existing native vegetation (17)

Map | Projects | Dashboard

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- Reporting Theme: Managing invasive species in a connected landscape ✖

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- SOUTH EAST LOCAL GOVERNMENT ASSOCIATION INC (1)
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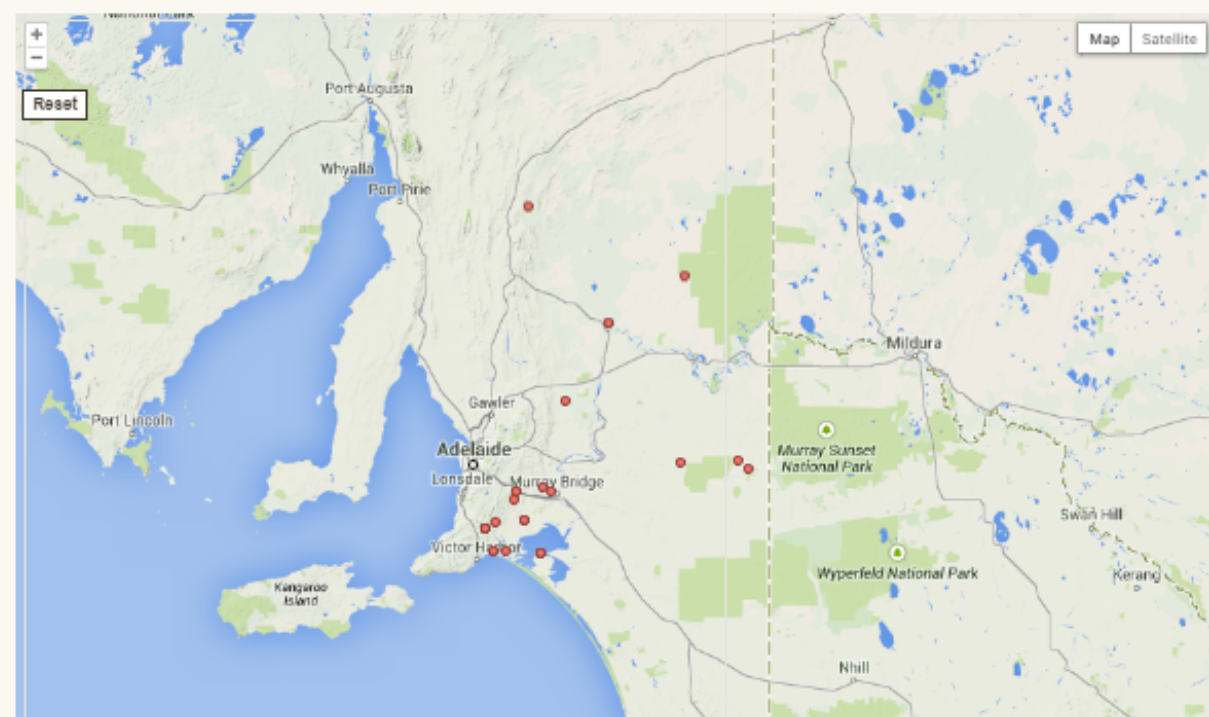- 👍 choose more...

Program

- Biodiversity Fund (15)

Sub Program

- Round 1 (13)
- Round 2 - 2013/14 (2)

Reporting Theme

- Managing invasive species in a connected landscape (15)
- Protecting and enhancing existing native vegetation (13)

| Map | Projects | Dashboard |

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| Map | Projects | Dashboard |

Project name	Last updated ▾
▶ Restoration of the biodiversity along a warm temperate/subtropical rainforest wi	2014-09-09
▶ Linking and bridging remnant grassy woodlands to areas of high conservation	2014-09-09
▶ Restoring priority habitats through large scale revegetation in South Australia	2014-09-09
▶ Protect & improve biodiversity for Australias red centre national landscape	2014-09-08
▶ Peel-Harvey Rivers 2 Ramsar: Connecting River Corridors for Landscape Resilience	2014-09-08
▶ Carp Eradication Program Lake Sorell Tasmania	2014-09-08
▶ Protecting Species, Ecosystems, Coasts and Communities: Inland Sub-project	2014-09-05
▶ Revegetate Obi Obi Creek Providing Connectivity Between Areas of Biodiversity	2014-09-05
▶ Managing the ecosystem services provided by Palm Tree and Robinson creek wetland	2014-09-05
▶ Urban and Coastal Protection	2014-09-05

1 to 10 of 786   ◀ previous   next ▶   [filter] ✖

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| Map | Projects | **Dashboard** |

Data presented in this dashboard has been extracted from grant recipient progress reports approved by the Department of the Environment. While efforts are made to ensure the accuracy of the ecological information contained in MERIT, for confirmation of authoritative data please contact the /home/contacts. Also note that dashboard data for Biodiversity Fund Round One are incomplete due to legacy issues.

Biodiversity Management

Community Engagement and Capacity Building

Farm Management Practices

Heritage Asset Management   [no data available]
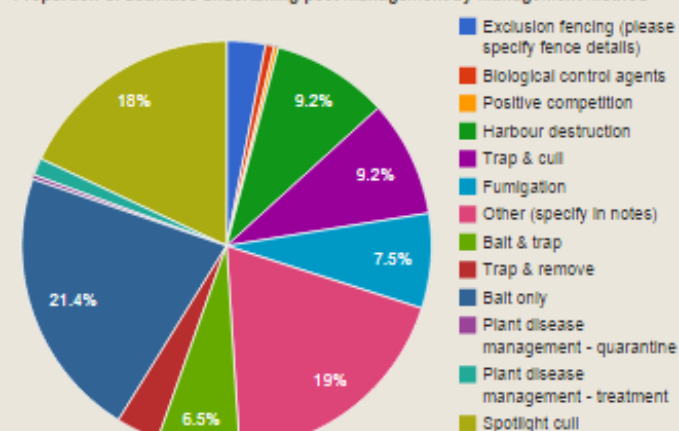
Indigenous Capacity

Invasive Species Management - Pest Animals

Invasive Species Management - Weeds

Natural Resources Management

Project Management, Planning and Research Outputs

Revegetation

Sites and Activity Planning

Filter results

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Biodiversity Management

Community Engagement and Capacity Building

Farm Management Practices

Heritage Asset Management   [no data available]

Indigenous Capacity

Invasive Species Management - Pest Animals

Pest Management Details

No. of activities undertaking pest management : 0

Proportion of activities undertaking pest management by management method

Legend:
- Exclusion fencing (please specify fence details)
- Biological control agents
- Positive competition
- Harbour destruction
- Trap & cull
- Fumigation
- Other (specify in notes)
- Bait & trap
- Trap & remove
- Bait only
- Plant disease management - quarantine
- Plant disease management - treatment
- Spotlight cull

Area covered (Ha) by pest treatment : 7,483,721.88

Treated area (Ha) by species

Community Environment Grants 1314 (89)
Reef Rescue 2013/14 (27)
Target Area Grants - 2013/14 (22)
↳ choose more...

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- South Australian Murray Darling Basin (30)
- Northern Territory (27)
- Southern Rivers (26)
- Wet Tropics (25)
↳ choose more...

LGA
- n/a (43)
- Tablelands (R) (20)
- (20)
- Unincorporated SA (15)
- Toowoomba (R) (13)
↳ choose more...

Major Vegetation Group
- Cleared, non-native vegetation, buildings (419)
- Eucalypt Woodlands (123)
- Eucalypt Open Forests (92)
- Tussock Grasslands (37)
- Rainforests and Vine Thickets (36)
↳ choose more...

Biogeographic Regions
- South Eastern Queensland (50)
- Brigalow Belt South (50)
- Sydney Basin (45)
- Murray Darling Depression (40)
- South Eastern Highlands (39)
↳ choose more...

Marine Regions
- n/a (588)
- Northeast Shelf Province (10)
- Spencer Gulf Shelf Province (7)
- Central Eastern Shelf Transition (4)
- Bass Strait Shelf Province (4)
↳ choose more...

Other Regions
- GER National Corridor (188)
- North Coast (41)
- Australian Tropical Savanna (38)
- South East (34)
- Hunter (21)
↳ choose more...

Invasive Species Management - Pest Animals

Pest Management Details

No. of activities undertaking pest management : 0

Proportion of activities undertaking pest management by management method

Area covered (Ha) by pest treatment : 7,483,721.88

Treated area (Ha) by species

No. of individual animals killed / removed by species

No. of individual animals killed / removed by treatment method

Pest Management Details

Average cost of treatment per hectare ($ / Ha.) : 204.88

Proportion of pest management activities by type of partner

Total No. of pest animal records reported : 204

Pest Observation and Monitoring Details

Total area sampled (Ha) for pest animal monitoring : 1,103,706.02

No. of activities monitoring pest animals by species

Area (Ha) of pest monitoring by species

No. of observation records by population assessment methodology

Home / Projects / Newcastle Riparian-Ramsar Connections

Newcastle Riparian-Ramsar Connections

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Recipient: WETLANDCARE AUSTRALIA PTY LTD

Programme: Caring for Our Country 2 Target Area Grants - Expression of Interest 2013/14
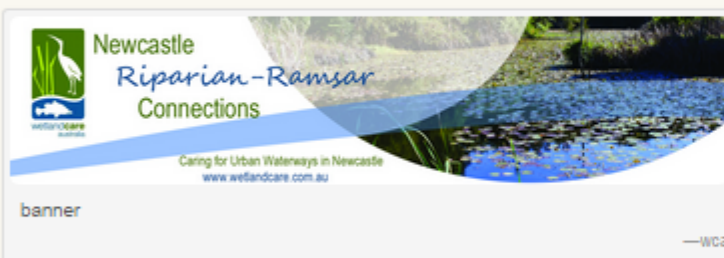
Approved funding (GST inclusive): $1,665,323.00

Project start: 01-07-2013 Project finish: 30-06-2017

Grant Id: X0000004443G   External Id: TAGEOI14P2-00238

NEWCASTLE RIPARIAN-RAMSAR CONNECTIONS improves the condition, function, resilience & biodiversity of a highly modified aquatic corridor from the top of Boatman Creek via SEPP 14 freshwater wetlands to the Ramsar-listed Hunter Wetlands Centre. On-ground works stabilise erosion, remove sediment, control sediment & nutrient inputs, treat weeds & install native vegetation. Strength-based community development builds stakeholder & indigenous participants capacity for NRM. A Communication, Education, Participation & Action program promotes skills & commitment to sustain results. The project is led by a highly effective national NGO in partnership with an established project team of land managers, community groups & education institutions.

Newcastle
Riparian-Ramsar
Connections
Caring for Urban Waterways in Newcastle
www.wetlandcare.com.au

banner   —wca

Project documents

📄 **Communication and Engagement Strategy**
WetlandCare Australia

📄 **Minutes Project Control Group 2 Oct 13**
WetlandCare Australia

📄 **Flyer - neighbour consultations**
WetlandCare Australia

📄 **FLyer - Launch invitation**
WetlandCare Australia

News and events

At the end of year 1, WetlandCare Australia and our partners have made a great start restoring Boatman Creek Catchment. Indigenous trainees and our project partners have undertaken primary regeneration of 117ha of remnant bushland in the catchment.

Tom Farrell Institute at the University of Newcastle kicked off our engagement program by starting a Landcare Group on Campus and hosting habitat hikes and a Water Smart Design Workshop.

Our Indigenous lead team coordinated a range of activities to engage Indigenous people in the project. These included Cultural Competency training for the project team, Cultural

https://fieldcapture.ala.org.au

Australian Government

MERIT

[search]

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Newcastle Riparian-Ramsar Connections

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| Overview | **Plans & Reports** | Sites | Dashboard | Admin |

This plan has been approved   Enter information into each activity. When all activities in a stage are finished (or cancelled or deferred) you can submit the stage for validation by clicking the 'report' button.

Planned Activities

| Tabular | Gantt chart |

Stage	Actions	From	To	Description	Activity	Site	Status
Stage 1 **Report Approved** ✖ Withdraw approval	☑ 👁 🖨 ✖	01-07-2013	31-12-2013	Activity 1.1e: Project launch,	Community Participation and Engagement		finished
	☑ 👁 🖨 ✖	01-07-2013	31-12-2013	Activity 1.5b: sub contract WSUD ..	Project Administration		finished
	☑ 👁 🖨 ✖	01-07-2013	31-12-2013	Activity 1.1b prepare scopes and pro..	Project Administration		finished
	☑ 👁 🖨 ✖	01-07-2013	31-12-2013	Activity 1.1c: establish Project Co..	Project Administration		finished
	☑ 👁 🖨 ✖	01-07-2013	31-12-2013	Activity 1.1d: host inception meeting;	Project Administration		finished
	☑ 👁 🖨 ✖	01-07-2013	31-12-2013	Activity 1.1f: recruit & engage CFOC P..	Project Administration		finished
	☑ 👁 🖨 ✖	01-07-2013	31-12-2013	Activity 1.1e: Project launch,	Community Participation and Engagement		finished
	☑ 👁 🖨 ✖	01-07-2013	31-12-2013	Vegetation Assessment Site 1.2	Vegetation Assessment - Commonwealth government methodology	Project area for X0000004443G	finished
	☑ 👁 🖨 ✖	01-07-2013	31-12-2013	Veg assessment: Site 5.2	Vegetation Assessment - Commonwealth	Project area for X0000004443G	finished

	✎ 👁 🖨 ✖	01-01-2014	30-06-2014	Activity 2.1: Governance: Control Gr..	Project Administration		finished ▾
	✎ 👁 🖨 ✖	01-01-2014	30-06-2014	Activity 2.6: Site 6 Allowah Reser..	Community Participation and Engagement	Site 6 Allowah Street Reserve	finished ▾
	✎ 👁 🖨 ✖	01-01-2014	30-06-2014	2.9e-Site 13 Hunter Wetlands Centr..	Weed Treatment	Site 13 Hunter Wetlands Centre	finished ▾
	✎ 👁 🖨 ✖	01-01-2014	30-06-2014	2.9d-Site 13 Hunter Wetlands Centr..	Erosion Management	Project area for X0000004443G	finished ▾
	✎ 👁 🖨 ✖	01-01-2014	30-06-2014	2.9c.Site 13 Hunter Wetlands Centre..	Management Plan Development	Site 13 Hunter Wetlands Centre	finished ▾
Stage 3 **Current stage**	✎ 👁 🖨 ✖	01-07-2014	31-12-2014	A summary of overall project outcom..	Progress, Outcomes and Learning - stage report		planned ▾
	✎ 👁 🖨 ✖	01-07-2014	31-12-2014	Activity 3.1: Governance - Control G..	Project Administration		started ▾
	✎ 👁 🖨 ✖	01-07-2014	31-12-2014	Activity 3.2: MERI - Survey monitori..	Project Administration		planned ▾
	✎ 👁 🖨 ✖	01-07-2014	31-12-2014	Activity 3.3: Bush regeneration continues	Revegetation		planned ▾
	✎ 👁 🖨 ✖	01-07-2014	31-12-2014	Activity 3.4: Site 9 Warabrook Wetlan..	Revegetation		planned ▾
	✎ 👁 🖨 ✖	01-07-2014	31-12-2014	Activity 3.5: Site 12 Newcastle Wetla..	Revegetation		planned ▾
	✎ 👁 🖨 ✖	01-07-2014	31-12-2014	Activity 3.6: Site 13 HWCA: Chanel b..	Erosion Management		planned ▾
	✎ 👁 🖨 ✖	01-07-2014	31-12-2014	Activity 3.7: Engagement Program c..	Community Participation and Engagement		planned ▾
	✎ 👁 🖨 ✖	01-07-2014	31-12-2014	Activity 3.8: Indigenous Capacity pr..	Community Participation and Engagement		planned ▾
Stage 4	✎ 👁 🖨 ✖	01-01-2015	30-06-2015	A summary of overall project outcom..	Progress, Outcomes and Learning - stage report		planned ▾
	✎ 👁 🖨 ✖	01-01-2015	30-06-2015	Activity 4.1: Governance: Control Gr..	Project Administration		planned ▾
	✎ 👁 🖨 ✖	01-01-2015	30-06-2015	Activity 4.2: Survey monitoring quad..	Project Administration		planned ▾
	✎ 👁 🖨 ✖	01-01-2015	30-06-2015	Activity 4.2: Bush regeneration co..	Revegetation		planned ▾
	✎ 👁 🖨 ✖	01-01-2015	30-06-2015	Activity 4.3: Site 6 Allowah Reserve ..	Revegetation		planned ▾

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👤 John La Salle   My projects ▾   ⚙ Administration   ⏻ Logout
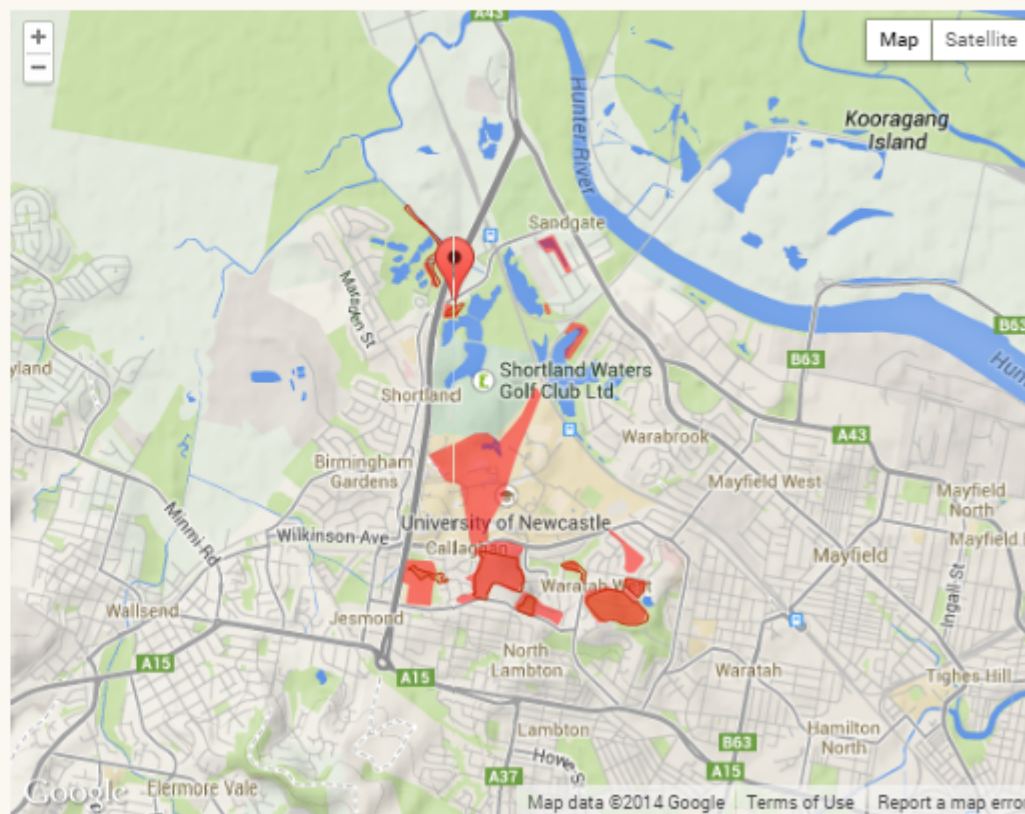
Home / Sites / Site 1 Braye Park

Site 1 Braye Park

Edit site

Urban bushland reserve. Heavy weed infestation.

External Id: TCON Crown Reserve-Council as trustee Lot 7134 DP1149773 **Type:** Reserve **Area:** Not specified

State/territory: New South Wales (including Coastal Waters) **Local government area:** Newcastle (C) **NRM:** Hunter-Central Rivers
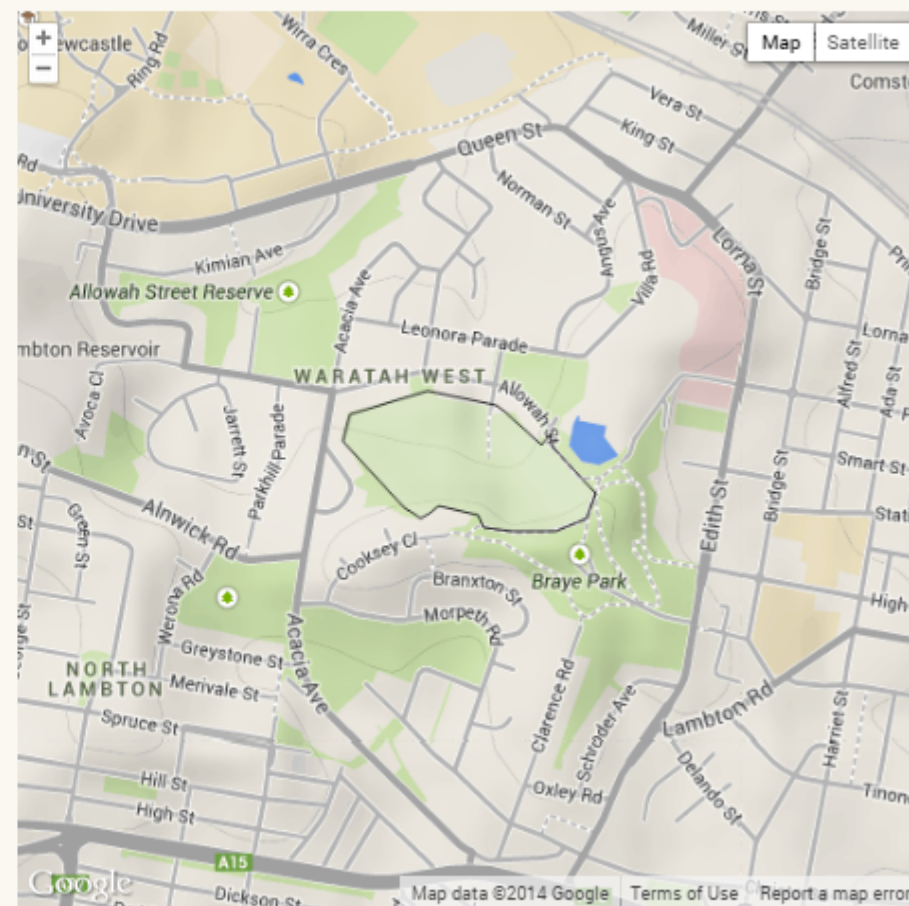
Locality: Not specified

NVIS major vegetation group: Cleared, non-native vegetation, buildings

NVIS major vegetation subgroup: Cleared, non-native vegetation, buildings

Notes:

Projects associated with this site

Newcastle Riparian-Ramsar Connections

⊕ Download ShapeFile   View in Spatial Portal

NVIS major vegetation subgroup: Cleared, non-native vegetation, buildings

Notes:

Projects associated with this site

Newcastle Riparian-Ramsar Connections

⊕ Download ShapeFile   View in Spatial Portal

Points of interest at this site

- Transect 1 SP
- Transect 2 SP
- Site 1 Photo Point 3
- Site 1 Photo point 4

Activities at this site

Click column titles to sort. Click activity type to view the activity details.

Type	Description	From	To	Status
Weed Treatment	Activity 2.4: site 1 bush regeneration commences	26-03-2014	30-06-2014	Finished

Created: 2014-06-10T02:06:39Z

Last updated: 2014-09-04T12:37:14Z

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Newcastle Riparian-Ramsar Connections

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Outputs without targets

Revegetation Details

Total No. of species records : 281

Site Preparation Actions

Total area prepared (Ha) for follow-up treatment actions : 0.65
Area prepared (Ha) by type of preparation works

■ Herbicide broadscale and r

100%
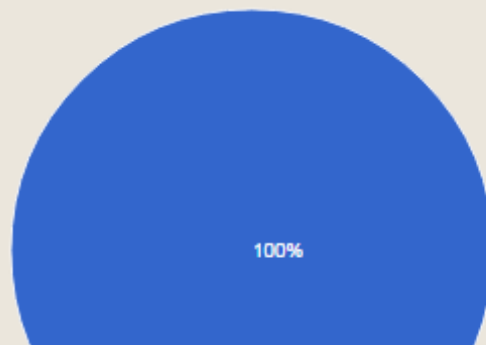
■ Implementation works desi

100%
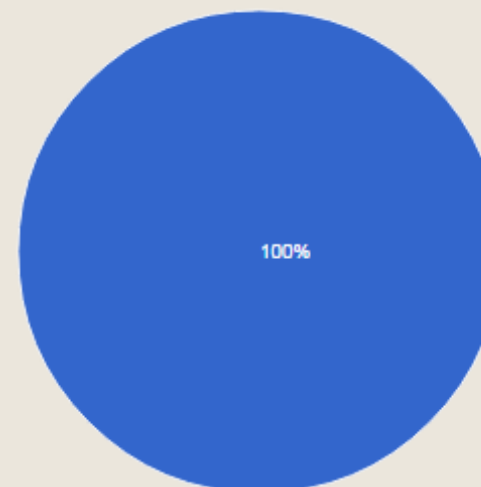
Debris Removal Details

Total No. of debris removal activities : 1

Rivers of Carbon: Southern Tablelands Riparian Linkages Project

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**Overview** | Plans & Reports | Sites | Dashboard | Admin

Recipient: Australian River Restoration Centre Limited

Programme: Biodiversity Fund Round 1

Approved funding (GST inclusive): $1,597,624.00

Project start: 01-07-2011 Project finish: 11-09-2017

Grant Id: B0070000118G   External Id: LSP-933161-118

'Rivers of Carbon' will work in partnership with landholders, NRM Regional Bodies and other organisations in the Southern Tablelands region to link remnant vegetation and previously rehabilitated sites to form intact riparian corridors. The project will also extend riparian corridors into the wider terrestrial landscape to facilitate species movement in the face of climate change, as well as leveraging biodiverse Carbon Farming Initiatives in these highly productive areas. Science and local knowledge will be used to identify priority areas for on-ground works, and will focus on important threatened species habitat. The project is a collaboration between the Australian River Restoration Centre and Greening Australia Capital Region.
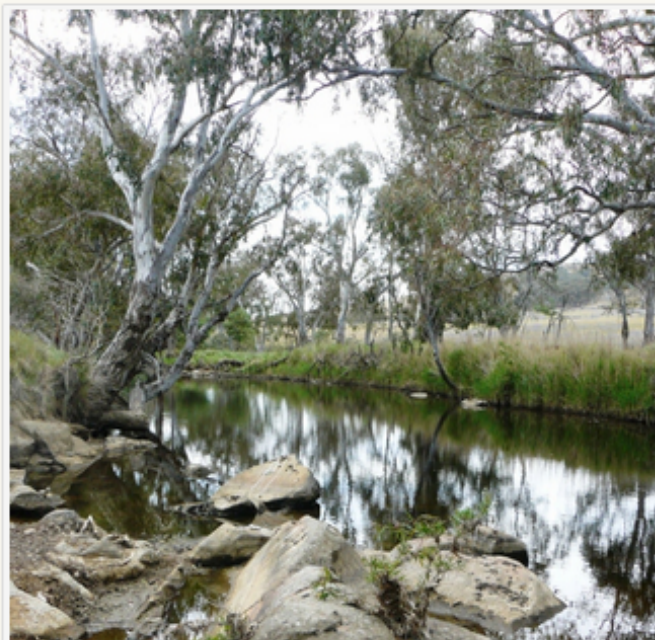
Project documents

📄 **Rivers of Carbon Fact Sheet**
Australian River Restoration Centre

📄 **Rivers of Carbon Technical Guideline**
Australian River Restoration Centre

📊 **Progress Budget Dec 2013**
Australian River Restoration Centre

🖼 **Selected Photopoints Theme 2**
Lori Gould

🖼 **Selected Photopoint Theme 3**
Lori Gould

🖼 **Selected Photopoint Theme 1**
Lori Gould

🖼 **Selected Photopoint Theme 1**
Lori Gould

🖼 **Selected Photopoint Theme 2**

News and events

The Rivers of Carbon project now has 57 sites covering an area of 771.2 hectares and 123.3 kilomeres of river/stream bank. Our target for river/stream bank has now been exceeded and we still have people keen to get involved with the project. We are really delighted with the project's progress and highlights over the past six months have included:

1. Production of RipRap Edition 37 - Rivers of Carbon, Rivers of Life. This RipRap has 72 pages packed full of stories from across Australia about work to achieve multiple benefits on farm through riparian restoration and rehabilitation.
2. Inclusion of five Rivers of Carbon stories on the Riverspace website (www.riverspace.com.au)
3. Presentation at the 7th Australian Stream Management Conference on the work being undertaken through the Rivers of Carbon project - this generated considerable interest in the approach.
4. Submitting a grant to the NSW Environmental Trust to extend the Rivers of Carbon work into the Yass River.
5. Organisation of a professional workshop on Rivers of Carbon at the International Riversymposium,

Rivers of Carbon: Southern Tablelands Riparian Linkages Project

Overview   **Plans & Reports**   **Sites**   **Dashboard**   **Admin**

Output Targets

Revegetation Details

Number of plants planted

6000.0/160000

Weed Treatment Details
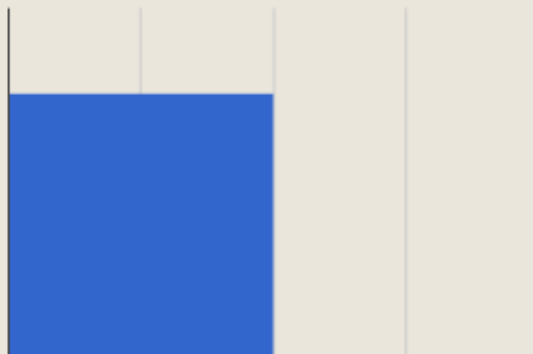
Total area treated (Ha)

152.0/120
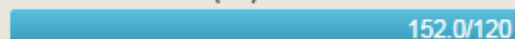
Outputs without targets

Revegetation Details

Area of revegetation works (Ha) : 171
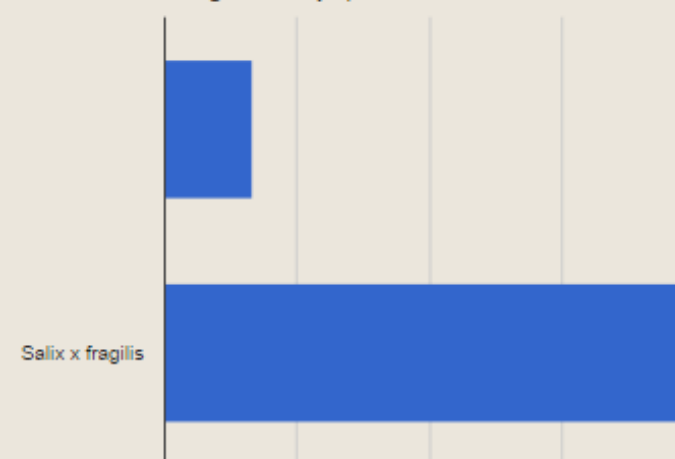Length (kilometres) of waterway / coastline revegetated : 0
Total No. of species records : 1
No. of plants planted by species

Weed Treatment Details

Proportion of activities treating weeds by species

Salix x fragilis

36 different activity based forms

- Activities include:
    - biodiversity assessments
    - citizen science projects
    - vegetation & site condition assessments
    - method-based flora & fauna surveys
    - weed & pest animal monitoring
    - plant regeneration & survival monitoring
    - community engagement, participation, training & skills development
    - indigenous participation
    - seed collection
    - a wide range of intervention types of activities such as
        - revegetation
        - weed & pest management/treatment
        - water fire erosion & access management
        - management practice change

CONSISTENT TERMINOLOGY AND STANDARDS

Australian Government

MERIT

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MERIT demonstrator project

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| Overview | MERI Plan | Activities | Sites | Dashboard | Admin |

Recipient: Commonwealth Department of Environment

Programme: Environmental Stewardship

Approved funding (GST inclusive): $1.00

Project start: 01-04-2014 Project finish: 31-12-2020

Grant Id: BnnnnnnnnG   External Id: LSP-xxxxxxxx   Manager: Person responsible for delivering the project

This project is a demonstrator for general user familiarisation, particularly for different activity types. The project description goes in this space and will be pre-populated from the description in the project application.

Dorrigo Mountain Top Landcare Group

—http://www.daff.gov.au/natural-
resources/landcare/publications/making_a_difference_a_celebration_of_landcare/section_2_-
_the_landcare_framework
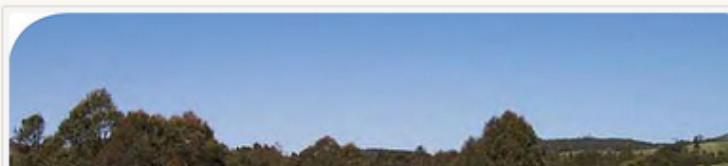
Project documents

📄 **MERIT editor User Guide - module 1**
DoE

🖼 **Dorrigo Mountain Top Landcare Group**

http://www.daff.gov.au/natural-
resources/landcare/publications/making_a_differenc
_the_landcare_framework

🖼 **Dorrigo Mountain Top Landcare Group -
Now!**

http://www.daff.gov.au/natural-
resources/landcare/publications/making_a_differenc
_the_landcare_framework

📄 **Summary of system updates (June 2014)**

📄 **How to embed a link to your project in
another web site**

📄 **MERIT Ready Reckoner Aug 2014**

📄 **MERIT Schema June 2014**

🖼 e

News and events

Login to this project

To see the range of available activity forms you will need to log into this
project with the following credentials:
           user name: merit.demo@ala.org.au
           password: MERITdemo#1
Note: This project is provided for the benefit of all system users.
Please DO NOT add any data to activity forms or add or change sites in
this project.

Tip

Use this space to publish any news and event information that you want
share with the general public about the project. Project administrators can
create and update this information via the ADMIN tab.

Note that activities are grouped into 4 broad categories:

1. **Implementation actions** - Activities that are undertaken to deliver
   the project outputs and outcomes.
2. **Assessment & monitoring activities** - Those involved in collecting
   data about the condition / status of a resource or the effectiveness of
   implementation actions.

MERIT demonstrator project

| Overview | MERI Plan | Activities | Sites | Dashboard | Admin |

Planned Activities

| Tabular | Gantt chart |

Stage	Actions	From	To	Description	Activity	Site	Status
Stage 1 Report not submittted Submit report 👁Preview	☑ 👁 🖨 ✖	01-04-2014	24-05-2014	Activity 1. Sample form for the community particip..	Community Participation and Engagement		started ▾
	☑ 👁 🖨 ✖	16-04-2014	25-05-2014	Activity 2. Sample form for the conservation grazing m..	Conservation Grazing Management		cancelled ▾ 🗒
	☑ 👁 🖨 ✖	01-05-2014	31-05-2014	Activity 3. Sample form for the debris removal act..	Debris Removal		started ▾
	☑ 👁 🖨 ✖	16-05-2014	15-06-2014	Activity 4. Sample form for the disea..	Disease Management		planned ▾
	☑ 👁 🖨 ✖	01-06-2014	30-06-2014	Activity 5. Sample form for the erosi..	Erosion Management	Project area for MERIT demonstrator project	started ▾
Stage 2 Current stage	☑ 👁 🖨 ✖	16-06-2014	15-07-2014	Activity 6. Sample form for the fencing activity. Use..	Fencing	Project area for MERIT demonstrator project	deferred ▾ 🗒
	☑ 👁 🖨 ✖	01-07-2014	31-07-2014	Activity 7. Sample form for the fire management activ..	Fire Management		planned ▾
	☑ 👁 🖨 ✖	16-07-2014	15-08-2014	Activity 8. Sample form for the heritage conserva..	Heritage Conservation	Some place	started ▾
	☑ 👁 🖨 ✖	01-09-2014	30-09-2014	Activity 9. Sample form for the management pla..	Management Plan Development		planned ▾
	☑ 👁 🖨 ✖	16-09-2014	15-10-2014	Activity 10. Sample form for the management practice change activity..	Management Practice Change		planned ▾

MERIT demonstrator project

Site: | Choose a site... | Leave blank if this activity is not associated with a specific site.

Activity: Fire Management

Environmental Stewardship

Major theme

Choose..

Project stage: Stage 1

Planned start date: 01-07-2014

Actual start date ❓*

Description:

Activity 7. Sample form for the fire management activity. Use to record the details of actions undertaken to manage fire events or potential fire risk, or where fire is used as a natural resource management tool.

Activity progress: started

Planned end date: 31-07-2014

Actual end date ❓*

31-05-2014

Fire Management Details

Please enter as much information about this fire activity as possible. If the type of fire event is 'Fire prevention works' and fire was not used as a tool (eg. for fuel reduction), then please ignore any non-relevant questions.

Ignition source: ❓ | Please select

Type of event: ❓ | Please select

Fire prevention works (if applicable): ❓
- [ ] Fire trail construction
- [ ] Fire break construction
- [ ] Woody vegetation removal

Fire Management Details

Please enter as much information about this fire activity as possible. If the type of fire event is 'Fire prevention works' and fire was not used as a tool (eg. for fuel reduction), then please ignore any non-relevant questions.

Ignition source: ❷
> Please select ▼

Type of event: ❷
> Please select ▼

Reason(s) for burn: ❷*
- ☐ Fire fuel reduction
- ☐ Asset protection
- ☐ Weed management
- ☐ Pest animal management
- ☐ Ecology management
- ☐ Unplanned fire event
- ☐ Other (specify in notes)

Area of fire ground (Ha): ❷*
> 0

Actual burnt area (% of fire ground area): ❷
> 0

Previous burn date: ❷
> ▦

Time since last burn: ❷
> Please select ▼

Temperature of burn: ❷
> Please select ▼

Duration of this activity (Hrs): ❷
> 0

Fire prevention works (if applicable): ❷
- ☐ Fire trail construction
- ☐ Fire break construction
- ☐ Woody vegetation removal
- ☐ Grass slashing
- ☐ Water point construction
- ☐ Airstrip / helipad construction
- ☐ Other (specify in notes)

Machinery used: ❷
- ☐ Light tanker
- ☐ Heavy tanker
- ☐ Bulldozer / tractor / grader
- ☐ Hand tools
- ☐ Aircraft - fixed wing
- ☐ Aircraft - helicopter

Total machinery hours: ❷
> 0

Length of control line - machinery (km): ❷
> 0

Length of control line - hand tools (km): ❷
> 0

Did the fire stay with initial control lines?: ❷
> Please select ▼

Participant Information

No. of volunteers (ie. not employed on project): ❓* [0]

No. of Indigenous volunteers (ie. not employed on project): ❓* [0]

No. of new people attending project activities: ❓* [0]

No. of farming entities participating in project activities for the first time: ❓* [0]

No. of community groups (non delivery partners) participating: ❓* [0]

No. of Indigenous on-country visits: ❓* [0]

Photo Points

Note: Photo points are created and managed as a part of the site definition. In order to record a photo point you first need to add a 'point of interest' to the site with a type of 'photo point'. When the site is selected for this activity, a row for each defined photo point will then appear in the table below, allowing you to upload your image taken at the time of the survey.

Note: A site has not yet been selected for this activity. In order to upload a photo point image you must select the site at which this activity is being undertaken, and the site must have the photo point location recorded as a 'point of interest'.

Photo point	Photo(s)	Comment	

[Save changes] [Cancel] ☐ Mark this activity as finished.

Points to future outcomes

- Additional interest from NRM groups to use MERIT platform for their own data collection and project management

How does MERIT help the Government?

- Allows the Government to **properly account for and promote** (esp. the good stories) the outcomes and achievements from their investment

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- Provides vastly **improved data feeds into environmental accounting processes** and outputs, state of environment reporting processes, etc.
- Data collection and analysis will be **at significantly lower cost and more efficient** than ever before.

MERIT Features

- Geo-references both the projects and the activity sites
- Tracks project progress in near real-time
- Allows project proponents to communicate the progress and outcomes of their projects
- Supports photo point data capture in association with activities
- Supports project associated file upload for documents in a variety of formats, giving proponents multiple channels to communicate their project outcomes (particularly important for indigenous communities).
- Project and programme level dashboards track progress on target outputs
- Inbuilt workflows linked to external grants management & acquittal processes/systems
- Built on a web services architecture for interoperability with external systems

- Designed to be stable platform for users (independent of current government or policy)

- The Departments of Environment and Agriculture are seeking to encourage collaboration and promote the development and sharing of useful environmental information and approaches.
- Some current examples where MERIT could support **NATIONAL** activities include:

- **Environment Protection Biodiversity Conversation (EPBC) Act**
- **State of the Environment Report**
- **Regional and National Environmental Reporting and Headline Environmental Indicators**
- **National Environmental Information Infrastructure**
- **National Environmental Science Program**
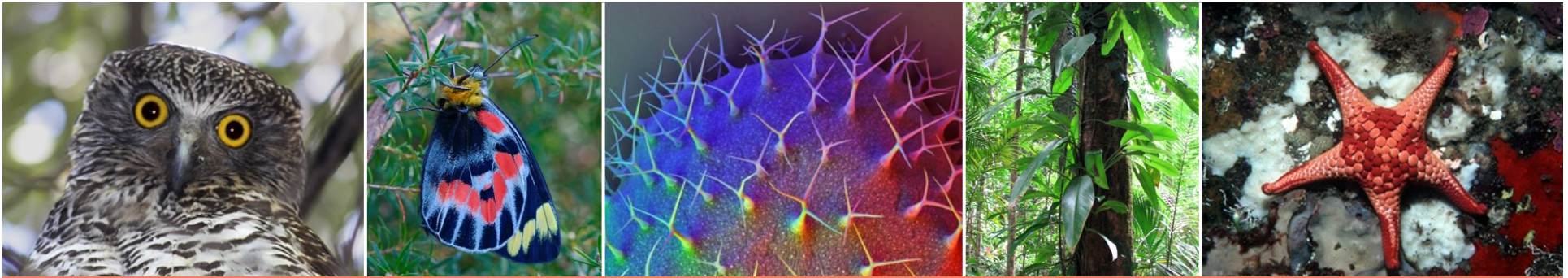- **Indigenous knowledge**

Points to future outcomes

- The Departments of Environment and Agriculture are seeking to encourage collaboration and promote the development and sharing of useful environmental information and approaches.
- Some current examples where MERIT (or something like MERIT) could support **INTERNATIONAL** activities include:

- **AICHI Targets**
- **IPBES**
- **CBD Reporting**
- **???**

- Like everything else in the Atlas – this is open infrastructure which is freely available for others to use

Thank you

www.ala.org.au