

# **Flying-fox conservation and camp management in NSW**

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# Legislation and Regulation

## Biodiversity Conservation Act 2016 No 63



### Status Information

#### Currency of version

Current version for 26 August 2017 to date (accessed 20 October 2017 at 12:02).  
Legislation on this site is usually updated within 3 working days after a change to the legislation.

#### Provisions in force

The provisions displayed in this version of the legislation have all commenced. See [Historical notes](#)

#### Does not include amendments by:

[Crown Land Legislation Amendment Act 2017 No 17](#) (not commenced)

#### Responsible Minister

Minister for the Environment

#### Authorisation

This version of the legislation is compiled and maintained in a database of legislation by the Parliamentary Counsel's Office and published on the NSW legislation website, and is certified as the form of that legislation that is correct under section 45C of the [Interpretation Act 1987](#).

File last modified 26 August 2017.

## Flying-fox Camp Management Policy 2015

# Camp Management Plan Template

Flying-fox Camp Management Plan Template 2016

*(Camp Name)*

**Camp Management Plan**

*(Month Year)*

*(Proponent name)*



# Supporting Resources

## Fact sheets

- **Why the Grey-headed Flying-fox is listed as a threatened species**
- **Working with communities living with flying-foxes**
- **Cocos palm impacts on flying-foxes**
- **Routine camp management (Level 1) actions**
- **Creation of buffers (Level 2) actions**
- **Camp disturbance or dispersal (Level 3) actions**
- **Responding to heat stress in flying-fox camps**
- **Monitoring, evaluating and reporting on management actions at flying-fox camps**

## Data sheets

- **Creation of buffers (Level 2) actions - Monitoring data sheet (DOC 861KB)**
- **Camp disturbance or dispersal (Level 3) actions - Monitoring data sheet (DOC 1MB)**
- **Responding to heat stress in flying-fox camps - Monitoring data sheet (DOC 90KB)**

# Flying-fox Engage

 Flyingfoxengage | Decision Support System

Importance weights

Steps.

1.

2.

3.

4.

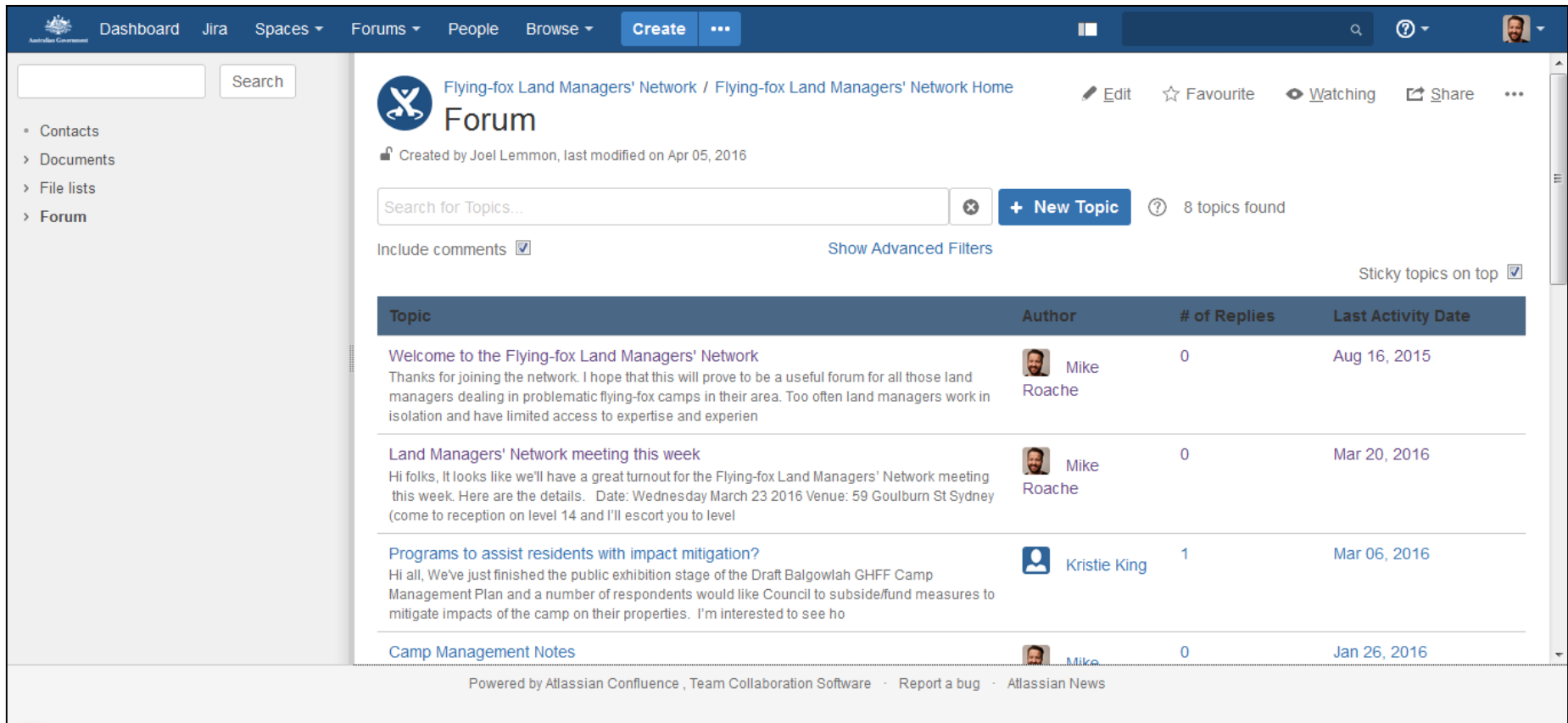
On the large orange circle to the right please select;  
How important is it to you that the flying-fox camp management option

 Reduces the noise and odour impacting nearby residents and businesses?

-            



# Flying-fox Land Managers' Network



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Forum

Created by Joel Lemmon, last modified on Apr 05, 2016

Search for Topics... + New Topic 8 topics found

Include comments  Show Advanced Filters Sticky topics on top

Topic	Author	# of Replies	Last Activity Date
<p>Welcome to the Flying-fox Land Managers' Network</p> <p>Thanks for joining the network. I hope that this will prove to be a useful forum for all those land managers dealing in problematic flying-fox camps in their area. Too often land managers work in isolation and have limited access to expertise and experien</p>	Mike Roache	0	Aug 16, 2015
<p>Land Managers' Network meeting this week</p> <p>Hi folks, it looks like we'll have a great turnout for the Flying-fox Land Managers' Network meeting this week. Here are the details. Date: Wednesday March 23 2016 Venue: 59 Goulburn St Sydney (come to reception on level 14 and I'll escort you to level</p>	Mike Roache	0	Mar 20, 2016
<p>Programs to assist residents with impact mitigation?</p> <p>Hi all, We've just finished the public exhibition stage of the Draft Balgowlah GHFF Camp Management Plan and a number of respondents would like Council to subsidize/fund measures to mitigate impacts of the camp on their properties. I'm interested to see ho</p>	Kristie King	1	Mar 06, 2016
<p>Camp Management Notes</p>	Mike	0	Jan 26, 2016

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# Flying-foxes Grants Program

- \$1 million available to councils
- Emergency camp management (up to \$50k)
- Developing plans (up to \$15k)
- Implementing plans (up to \$50k)
- Matching funds or in-kind contribution



# Flying-foxes Netting Program

- \$7.1 million for exclusion netting of commercial orchards since 2011
- Fixed canopy and throwover netting
- Total area netted is > 700 hectares



wildlife  
friendly  
netting

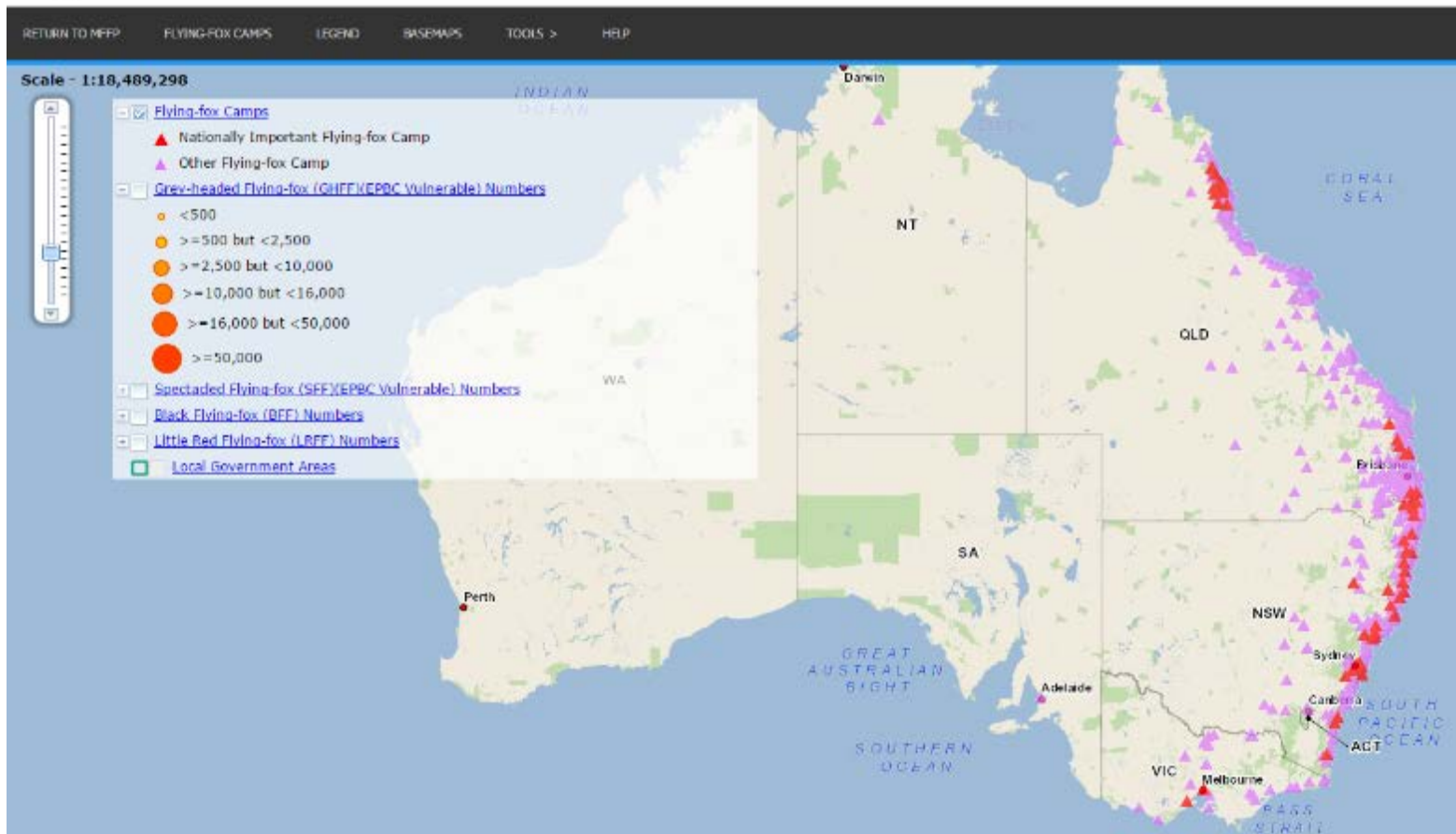




# National Flying-fox Monitoring Program



Australian Government  
Department of the Environment



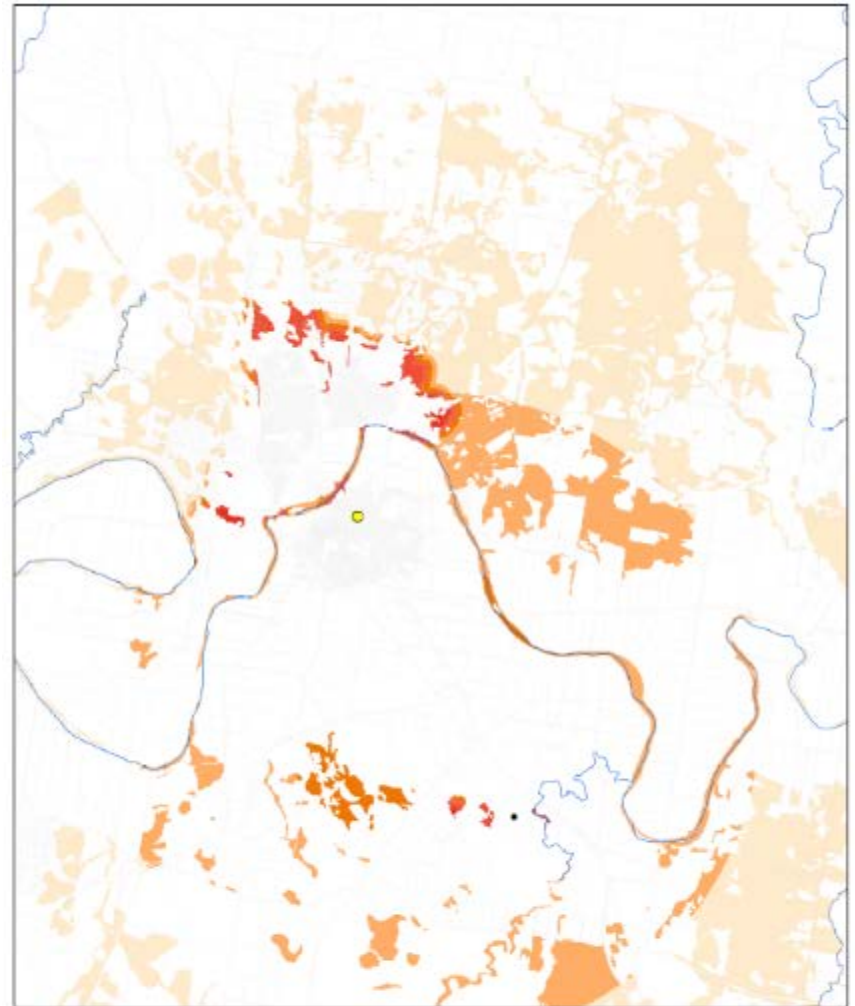
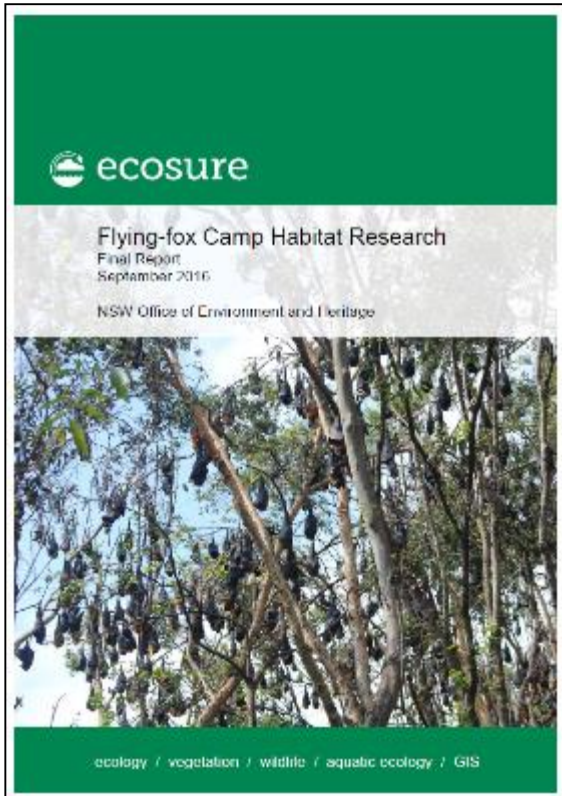
# Guidelines for restoring foraging habitat



## Planting to conserve threatened nomadic pollinators in NSW



# Roost Habitat Model



**Figure : Constraining features within potential flying-fox habitat - Singleton**  
Office of Environment & Heritage  
Flying-fox Roost Habitat Research Project

● Existing flying-fox camp	● Equine centre	— Perennial creeks	— Property boundaries	<b>Constraints</b>	0	1	2	3	4	5	6	7
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saving our species  
Together we can secure threatened species in NSW

Threat	Action description	Scale
Loss of foraging sites	Increase the extent and viability of foraging habitat for the Grey-headed Flying-fox that is productive during winter and spring through dedicated habitat creation and restoration using guides published by OEH (in preparation).	Site, Area
Loss of foraging sites	Negotiate agreements with landholders, particularly in-perpetuity covenants or stewardship agreements that promote the protection and retention of high quality foraging habitat for landscape pollinators including Grey-headed Flying-foxes.	Site, Area
Loss of roosting sites	Rehabilitate degraded flying-fox roost sites through weed management, planting new roost trees, managing understorey vegetation to maintain suitable microclimate conditions, establishing buffers between roost camps and nearby human settlements to minimise conflict.	Site
Loss of roosting sites	Negotiate agreements with landholders, particularly in-perpetuity covenants or stewardship agreements that promote the protection and retention of roost sites.	Site
Conflict with humans at roost sites	Conduct dedicated engagement programs in communities affected by flying-fox roost sites, building the capacity of all stakeholders to engage in the process of decision-making and developing camp management plans. Provide information about mitigating the impacts of flying-foxes on nearby residences and businesses such as strategic vegetation management, and structural modifications like double-glazing, air conditioning and shade cloths.	Site
Conflict with humans at roost sites	Distribute public education materials to land managers & local community groups working with contentious flying-fox roost sites highlighting species status, reasons for being in urban areas, reasons for decline etc.	Site
Heat stress	Develop site-based heat stress response protocols for camps likely to be affected by heat stress events. Protocols should be based on best practice guidelines ( <a href="http://www.environment.nsw.gov.au/animals/flying-fox-heat.htm">http://www.environment.nsw.gov.au/animals/flying-fox-heat.htm</a> ), and should be implemented by licensed fauna rehabilitators. Data should be recorded to inform future management of heat stress events ( <a href="http://www.environment.nsw.gov.au/resources/animals/150725-flying-fox-heat-data.docx">http://www.environment.nsw.gov.au/resources/animals/150725-flying-fox-heat-data.docx</a> ).	Site
Inadequate support for fauna rehabilitation	To be developed	State
[Population monitoring]	Undertake quarterly flying-fox counts using established methodology at known roost sites as part of the ongoing National Flying-fox Monitoring Program.	Site