

Institution owned or managed land that includes or is adjacent to legally protected areas, internationally recognized areas, priority sites for biodiversity, or regions of conservation importance.

St Lucia – Southern Riverbank

MSES – Wildlife habitat (endangered or vulnerable)

Spatial representation of habitat for 'endangered' or 'vulnerable' wildlife which are listed as 'threatened' wildlife defined under the Nature Conservation Act 1992 (NCA) for the purpose of Matters of State Ecological Significance (MSES).

MSES – Regulated vegetation (category B)

This layer shows Regulated Vegetation (endangered or of concern in RVM Category B) that are matters of state environmental significance (MSES). It includes VMA classes 'E' and 'OC' dominant and subdominant remnant vegetation that intersect Category B on the regulated vegetation map). The information in this layer is derived from vegetation management regional ecosystem and remnant map – version 8.0 and vegetation management - regulated vegetation management map version 1.41.

MSES – Regulated vegetation (essential habitat)

This layer represents areas of essential habitat on the essential habitat map for an animal that is 'endangered wildlife' or 'vulnerable wildlife' or a plant that is 'endangered wildlife' or 'vulnerable wildlife' wildlife prescribed as 'endangered wildlife' or 'vulnerable wildlife' under the Nature Conservation Act 1992. It includes regulated vegetation that is areas of essential habitat under the Vegetation Management Act 1999. This dataset is the public version of the essential habitat map and is stripped of attributes identifying the species being mapped.

Gatton – *Melaleuca irbyana*

MSES – Declared fish habitat area

Areas within declared fish habitat areas that are management A areas or management B areas under the Fisheries Regulation 2008

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Spatial representation of habitat for 'endangered' or 'vulnerable' wildlife which are listed as 'threatened' wildlife defined under the Nature Conservation Act 1992 (NCA) for the purpose of Matters of State Ecological Significance (MSES).

MSES – Wildlife habitat (special least concern animal)

Spatial representation of habitat for 'special least concern animal' under the Nature Conservation Act 1992 (NCA) for the purpose of Matters of State Ecological Significance (MSES).

MSES – Wildlife habitat (koala habitat areas - core)

This dataset shows *Phascolarctos cinereus* (koala) Habitat Suitability Model delineating core habitat for the species across remnant and regrowth vegetation within the South East Queensland (SEQ) regional planning boundary area (also referred as ShapingSEQ). Koala habitat areas are matter of state environmental significance (MSES) for the purposes of the State Planning Policy 2017 (SPP).

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MSES – Regulated vegetation (wetland)

This layer shows Regulated Vegetation Category A,B,C,R areas that are located within 100 metres from the defining bank of a wetland identified on the vegetation management wetlands map, that are matters of state environmental significance (MSES). The information in this layer is derived from Vegetation management - regulated vegetation management map version 1.41; Vegetation management wetlands map version 2.41; Regulated vegetation wetlands.

MSES – Regulated vegetation (intersecting a watercourse)

Category A,B,C,R areas that are located within a defined distance from the defining banks of a relevant watercourse identified on the vegetation management watercourse and drainage feature map

regulated vegetation under the Vegetation Management Act 1999 that is: regional ecosystems that intersect with watercourses identified on the vegetation management watercourse map.

Indooroopilly Mine – Land for Wildlife

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Heron Island Research Station (HIRS)

Qld

UQ's Heron Island Research Station is located on Heron Island within the Great Barrier Reef which is one of the seven wonders of the natural world and the only living thing on earth visible from space. The Great Barrier Reef Marine Park is a World Heritage Area which makes up about 10 per cent of the world's coral reef ecosystems. The Research Station is also adjacent to National Park on land within the Island. The waters surrounding Heron Island are a Marine National Park Zone and a Marine Scientific Research Zone.

Heron Island Research Station (HIRS) is internationally renowned for coral reef research and student training in marine sciences. Facilities and equipment rarely found in an offshore facility combined with its enviable position on the world's largest reef make HIRS the ideal location for marine and climate change research. Situated on the southern Great Barrier Reef, HIRS is the oldest and largest marine research station on the Reef. With crystal clear water and near pristine conditions, the Station provides easy and direct access to the marine environment.

<https://www.uq.edu.au/heron-island-research-station/>

MSES – Marine park (highly protected areas)

'marine national park', 'conservation park', 'scientific research', 'preservation' or 'buffer' zones under the Marine Parks Act 2004

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MSES – High ecological significance wetlands

Wetlands in a wetland protection area or wetlands of high ecological significance shown on the Map of Queensland Wetland Environmental Values under the Environmental Protection (Water and Wetland Biodiversity) Policy 2019.

MSES – High ecological value waters (wetland)

Wetlands and watercourses in high ecological value waters identified in the Environmental Protection (Water and Wetland Biodiversity) Policy 2019, schedule 1.

High ecological value water areas

The quality of Queensland waters is protected under the Environmental Protection (Water and Wetland Biodiversity) Policy 2019 (EPP (Water and Wetland Biodiversity)). The EPP (Water and Wetland Biodiversity) achieves the object of the Environmental Protection Act 1994 (EP Act) to protect Queensland's waters while supporting ecologically sustainable development. Queensland waters include water in rivers, streams, wetlands, lakes, groundwater aquifers, estuaries and coastal areas.

In high ecological value (HEV) areas, WQOs are to be maintained

Australian Protected areas

Nationally important wetlands

Great Barrier Reef Marine Park

World Heritage Properties

The Great Barrier Reef

National Heritage Places

The Great Barrier Reef

Great Barrier Reef Marine Park

Moreton Bay Research Station (MBRS)

Moreton Bay Research Station is bounded on 2 sides by Moreton Bay waters and to the west is the Moreton Bay Ramsar site for internationally important wetlands. The waters adjacent to the Research Station are also designated Marine Parks (qld), with the category assigned of Habitat Protection Zone.

Moreton Bay Research Station is located on North Stradbroke Island, providing direct access to the waters of Moreton Bay and the Pacific Ocean as well as the unique terrestrial environments of the 27,700 hectare sand island. Lying on the convergence of the eastern Australian sub-tropical and temperate zones, North Stradbroke Island and the surrounding waters support an incredibly diverse range of terrestrial, coastal and marine ecosystems on which to base research and education activities.

The Station offers a range of accommodation, modern research laboratories, teaching space and lecture theatres, boating and diving facilities and an exceptional location attracting scientists and academics from around the world each year.

<http://www.uq.edu.au/moreton-bay-research-station/>

***adjacent to**

Qld

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Aus

Protected areas

Ramsar Wetlands

Moreton Bay

Nationally Important Wetlands

Moreton Bay

Institution conducted assessment to identify endangered and vulnerable species (including migratory species) with habitats on land owned or managed by the institution

*Special least concern animal means the following— (a) the echidna (*Tachyglossus aculeatus*); (b) the platypus (*Ornithorhynchus anatinus*); (c) a least concern bird to which any of the following apply— (i) the agreement called ‘Agreement Between the Government of Australia and the Government of Japan for the Protection of Migratory Birds and Birds in Danger of Extinction and their Environment’ and signed at Tokyo on 6 February 1974; (ii) the agreement called ‘Agreement Between the Government of Australia and the Government of the People’s Republic of China for the Protection of Migratory Birds and their Environment’ and signed at Canberra on 20 October 1986; (iii) the convention called ‘Convention on the Conservation of Migratory Species of Wild Animals’ and signed at Bonn on 23 June 1979. (Nature Conservation (Wildlife) Regulation 2006)*

St Lucia

Vulnerable

Adelotus brevis (Tusked Frog)

Hirundapus caudacutus (White-throated Needle-tail)

Special Least Concern

Apus pacificus (Pacific Swift)

Fregata ariel (Lesser Frigatebird)

Gelochelidon nilotica (Gull-billed Tern)

Hydroprogne caspia (Caspian Tern)

Thalasseus bergii (Greater Crested Tern)

Gatton

Endangered

Melaleuca irbyana (Swamp Tea-tree)

Rostratula australis (Australian Painted-snipe)

Vulnerable

Ardtea pacifica (White-necked Heron)

Hirundapus caudacutus (White-throated Needletail)

Special Least Concern

Plegadis falcinellus (Glossy Ibis)

Calidris acuminata (Sharp-tailed Sandpiper)

Gallinago hardwickii (Latham's Snipe)

Tringa nebularia (Common Greenshank)

Tringa stagnatilis (Marsh Sandpiper)

Gelochelidon nilotica (Gull-billed Tern)

Hydroprogne caspia (Caspian Tern)

Rhipidura rufifrons (Rufous Fantail)

Indooroopilly Mine

Vulnerable

Hirundapus caudacutus (White-throated Needletail)

HIRS

Endangered

Charadrius mongolus (Lesser Sand Plover)

Vulnerable

Ardeanna pacifica (Wedge-tailed Shearwater)

Special Least Concern

Sula leucogaster (Brown booby)

Pluvialis fulva (Pacific golden plover)

Actitis hypoleucos (Common Sandpiper)

Arenaria interpres (Turnstone)

Hydroprogne caspia (Caspian Tern)

Onychoprion anaethetus (Bridled Tern)

Sternula albifrons (Little Tern)

Thalasseus bergii (Crested Tern)

MBRS

Special Least Concern

Numenius phaeopus (Whimbrel)

Methodologies

An internal assessment was undertaken using a variety of databases and mapping tools. These include:

1. * Government databases and mapping tools

Queensland Government – Department of Environment and Science

<https://environment.des.qld.gov.au/wildlife/threatened-species>

2. Atlas of Living Australia website at <http://www.ala.org.au>.

3. Queensland Government – State Planning Policy Interactive Mapping System

<https://spp.dsdip.esriaustraliaonline.com.au/geoviewer/map/planmaking>

4. Australian Government – Protected Matters Search Tool

<http://www.environment.gov.au/webgis-framework/apps/pmst/pmst.jsf>

All main campuses and sites are included in the assessment including the St Lucia and Gatton campuses, Heron Island Research Station, Moreton Bay Research Station and the Indooroopilly Mine site.

University owned lands are managed under the UQ Environmental Management System (EMS) and the associated programs. Information on the EMS is online, please refer to the following sections:

Environmental Management System, refer to Biodiversity section half way down the page

<https://sustainability.uq.edu.au/policies-and-procedures>

In particular, refer to the

Biodiversity program

<https://sustainability.uq.edu.au/files/709/BiodvrstyPrgrm.pdf>

Management of Native and non-native birds

https://sustainability.uq.edu.au/files/772/pro_MgtBirds.pdf

UQ Lakes wildlife

https://sustainability.uq.edu.au/files/10455/pbs_StLuciaLakesWldlf.pdf

In addition, refer to the programs specific to the following specialised sites:

Heron Island Research Station <https://sustainability.uq.edu.au/policies-and-procedures/heron->

[island-research-station-hirs](#)

https://sustainability.uq.edu.au/files/891/pro_BiodvrstyPrgrmHirs.pdf

Broader site management information is available for Moreton Bay Research Station and Indooroopilly Mine site

<https://sustainability.uq.edu.au/policies-and-procedures/moreton-bay-research-station-mbrs>

<https://sustainability.uq.edu.au/resources/policies-and-procedures/experimental-minesite>

Information on biodiversity programs is online

<https://sustainability.uq.edu.au/campus-sustainability/biodiversity>

<https://sustainability.uq.edu.au/campus-sustainability/biodiversity/bird-boxes>

<https://sustainability.uq.edu.au/projects/campus-grounds-and-buildings/gatton-environmental-park>

<https://sustainability.uq.edu.au/campus-sustainability/biodiversity/what-you-can-do>

<https://sustainability.uq.edu.au/projects/campus-grounds-and-buildings/caring-injured-wildlife-campus>

<https://sustainability.uq.edu.au/projects/campus-grounds-and-buildings/uq-sustainability-walk>