

THE BIODIVERSITY INVESTMENT PROSPECTUS PROJECT

The Hunter JO Environment team completed an Australian Government funded initiative (the Biodiversity Investment Prospectus project) in 2015 to stimulate both private and public investment in multi-scale conservation and connectivity throughout the Hunter, Central and Lower North Coast region. The project built upon the extensive expertise and repository of local and regional data, mapping and analyses generated by the Hunter JO Environment program over many years.

In particular the project:

- Collated and rationalised the best available research, datasets and mapping products for biodiversity and a range of natural assets (such as wetlands, riparian zones, groundwater dependant ecosystems, reserve systems, world heritage areas, and roadside vegetation networks)
- Engaged with technical experts and project stakeholders to identify conservation priorities
- Produced new, high quality connectivity and conservation priority mapping
- Updated climate modelling providing projections to 2030 and 2050
- Delivered a series of professional capacity building seminars for member councils and other key stakeholder organisations
- Evaluated the suite of legislative, planning and market-based instruments currently available to identify those with the most potential to stimulate and drive biodiversity conservation in the hunter, Central and Lower North Coast region
- Produced mapping and reporting to inform regional planning and investment strategies and to assist member councils manage conservation priorities
- Produced Private Landowner and Council Guides to biodiversity investment returns

The spatial data and associated documentation can be accessed below:

SPATIAL DATASET	TECHNICAL REPORT OR DATA SUMMARY SHEET	Data Access
<p>Use and Application of Data (Report Only) Technical report providing guidance on the use and application of the connectivity modelling and species distribution models.</p>	<p>Technical Report</p>	<p>DATA DOWNLOAD</p>
<p>Biophysical Agricultural Lands Mapping of biophysical attributes to land that could support a variety of agricultural activities in the Hunter, Central Coast and Mid-Coast Region.</p>	<p>Data Summary Sheet</p>	
<p>Climate Projection Models Modelling of climatic variables (minimum temperature, maximum temperature and precipitation) across the region for timeframes 2040, 2060, 2080.</p>	<p>Technical Report</p>	
<p>Landscape Connectivity Modelling Modelling of landscape fragmentation and connectivity for flora & fauna species across the Hunter, Central Coast and Mid-Coast Region.</p>	<p>Technical Report</p>	
<p>Red Flag Areas Mapping of possible red flags as identified in the NSW Biodiversity Certification Assessment Methodology (2011) in the Hunter, Central Coast and Mid-Coast Region.</p>	<p>Data Summary Sheet</p>	
<p>Land Tenure</p>	<p>Data Summary Sheet</p>	

Land tenure across the Hunter, Central Coast and Mid-Coast Region.

Ecologically Endangered Communities (EEC) Points

Know EEC sites (for 21 EECs), as of 2013, occurring in the Hunter, Central Coast and Mid-Coast Region.

[Data Summary Sheet](#)

Ecologically Endangered Communities (EEC) Models

EEC Distribution models for 21 EECs occurring in the Hunter, Central Coast and Mid-Coast Region.

[Data Summary Sheet](#)
[Technical Report](#)

Threatened Species Distribution Models

Species Distribution Models for 151 Threatened species occurring in the Hunter, Central Coast and Mid-Coast Region. This is a subset of the Species Distribution Models (below).

[Data Summary Sheet](#)
[Technical Report](#)

Species Distribution Models

Species Distribution models for over 600 species occurring in the Hunter, Central Coast and Mid-Coast Region.

[Technical Report](#)

This dataset is too large for download, but can be posted **Contact – 4978 4020**
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