

Biodiversity data and resources

A number of data sets and resources are available online to assist Councils to implement the biodiversity assessment and approval requirements of the *Biodiversity Conservation Act 2016*. Biodiversity data and resources will support the determination of assessment and approval pathways, inform biodiversity impact assessment and support decision making on biodiversity impacts.

Summary of useful resources

Resource name	Resource content	Access
Biodiversity Values Map and Threshold tool	Forms part of the Biodiversity Offset Scheme Threshold – one of the triggers for the Biodiversity Offset Scheme .	https://www.lmbc.nsw.gov.au/Maps/index.html?viewer=BOSETMap
BioNet Vegetation Classification	Database of vegetation classification information, including: <ul style="list-style-type: none"> • Plant community types (PCTs) • Condition benchmarks • PCT clearing data • NSW landscapes 	Registration required. http://www.bionet.nsw.gov.au/
BioNet Atlas	Database and maps of species sightings Threatened biodiversity data collection - database including information on: <ul style="list-style-type: none"> • Habitat and vegetation associations • Serious and Irreversible Impacts • Level of biodiversity concern 	Public access to species sighting searches. Registration required for threatened biodiversity data collection. http://www.bionet.nsw.gov.au/
BioNet Web Services	BioNet Vegetation Classification and Atlas data made available via an Open Application Programming Interface (API) to enable organisations and individuals to integrate biodiversity data into their software systems.	About web services: https://data.bionet.nsw.gov.au/ Release 3.1: https://data.bionet.nsw.gov.au/biosvcapp/odata

NSW Interim Biogeographic Regions of Australia - Version 7	Map of IBRA regions and sub-regions, relevant to application of the Biodiversity Assessment Method and Biodiversity Offset Scheme credit conditions.	http://www.environment.gov.au/land/nrs/science/ibra/australias-bioregions-maps
Sharing and Enabling Environmental Data (SEED)	Compilation of environmental data sets. All data can be viewed, some data sets can be downloaded.	https://www.seed.nsw.gov.au/
PlantNET	Database of Flora of NSW.	http://plantnet.rbgsyd.nsw.gov.au/
Directory of Important Wetlands in Australia	Database of information on nationally important wetlands.	https://www.environment.gov.au/water/wetlands/australian-wetlands-database/directory-important-wetlands
NSW Soil Profiles	Map of soil profile locations, including observations of physical, chemical and landscape characteristics.	https://www.environment.nsw.gov.au/eSpade2Webapp
Acid Sulphate Soil Risk	Map of Acid Sulphate Soil risks.	https://www.environment.nsw.gov.au/topics/land-and-soil/soil-degradation/acid-sulfate-soils
Geological Sites of NSW	Database of significant geological sites in New South Wales.	http://www.geomaps.com.au/
Six Maps	Maps of cadastral and topographic information, satellite data and aerial photography for New South Wales.	https://maps.six.nsw.gov.au/

Note that additional biodiversity assessment and approval requirements under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) may apply. The **Protected Matters Search Tool** may be used generate a report to help identify matters of national environmental significance, protected by the EPBC Act, that are likely to occur in an area <http://www.environment.gov.au/epbc/protected-matters-search-tool>.