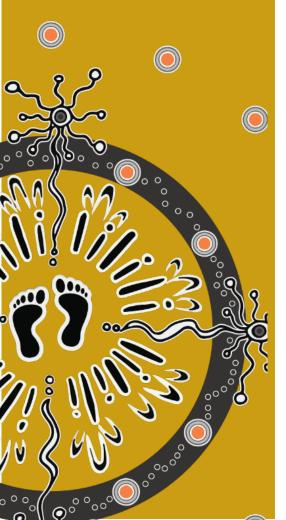# BioNet system enhancements

Release notes 4.0

Department of Planning and Environment

## Acknowledgement of Country

The Department of Planning and Environment acknowledges the Traditional Custodians of the lands where we work and live.

We pay our respects to Elders past, present and emerging.

This resource may contain images or names of deceased persons in photographs or historical content.

Cover photo: Brigalow-Gidgee woodland/shrubland in the Mulga Lands and Darling Riverine Plains Bioregions. Barry Collier/DPE

**Find out more at:**

**environment.nsw.gov.au**

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# Background

BioNet is the repository of biodiversity data maintained by the Department of Planning and Environment and contains species sightings and systematic survey, vegetation classification and threatened biodiversity data collections used by a wide range of organisations. BioNet data are held across 3 separate website applications: BioNet Atlas; BioNet Vegetation Classification; BioNet Threatened Biodiversity Profiles.

The majority of the data maintained in these applications are also available via BioNet Web Services that are maintained in parallel with the applications.

This release (R4.0) covers enhancements and bug fixes predominantly to the BioNet Vegetation Classification applications. Additionally, all BioNet database, application and web service systems (BioNet Atlas, BioNet Vegetation Classification, BioNet Threatened Biodiversity Profiles web app and BioNet Web Services) have been moved from local servers to Microsoft Azure cloud services. This is part of a wider government directive and while this is simply a 'lift and shift' of systems, the update will improve processing times and reliability.

# Infrastructure modernisation

## Change to application URLs for BioNet systems

### 1.    Upgrade of system servers

Applies to: all users of BioNet database, application and web service systems (BioNet Atlas, BioNet Vegetation Classification, BioNet Threatened Biodiversity Profiles web app and BioNet Web Services).

The above BioNet systems are being moved from local servers to Microsoft Azure cloud services. This is part of a wider government directive that will improve processing times and reliability. While this is simply a 'lift and shift' of systems, the update has resulted in new application URLs for all BioNet applications (with the exception of BioNet Web Services).

Redirects are being set up temporarily, though you are asked to update any bookmarked pages.

**Table 1          Old and corresponding new application URLs for BioNet systems**

| System | Old URL | New URL |
|---|---|---|
| BioNet Atlas (public app) | www.environment.nsw.gov.au/atlaspublicapp/ | atlas.bionet.nsw.gov.au |
| BioNet Atlas app | www.environment.nsw.gov.au/AtlasApp/Default.aspx | atlaseditor.bionet.nsw.gov.au |
| BioNet Threatened Biodiversity Profiles (web app) | www.environment.nsw.gov.au/threatenedspeciesapp/ | threatenedspecies.bionet.nsw.gov.au |
| BioNet Vegetation Classification (public app) | www.environment.nsw.gov.au/NSWVCA20PRapp/LoginPR.aspx | vegetation.bionet.nsw.gov.au |

# Enhancements and fixes

## BioNet Atlas app

There have been no changes.

## BioNet Threatened Biodiversity Profiles web app

**1.    Addition of the PCTID to the PCT name string**

Applies to: everyone accessing the web app.

For every Plant Community Type (PCT) associated with a threatened entity, the PCT ID has been added before the PCT name in the BioNet Threatened Biodiversity Profiles web app to improve clarity when referring to PCTs.

## BioNet Vegetation Classification apps

**1.    Correction of Classification source data displayed in the PCT Export**

Applies to: Vegetation Classification public and edit application users.

The data in the 'Classification source' field in the PCT export (available from PCT Data > Export Bulk data > Export All PCTs) has been corrected so that it points to the correct field in the database. It was previously pulling Authority data.

**2.    Update Conditions of Use registration text**

Applies to: Vegetation Classification public application users.

The conditions of use text displayed when you register to the BioNet Vegetation Classification public application has been updated to correct outdated departmental and system names.

**3.    Addition of 2 key PCT % cleared fields to the application**

Applies to: Vegetation Classification public and edit application users.

In the Extent tab of the PCT user interface, the following 3 edits have been made:

• addition of the 'PCT Percent cleared source' field

- addition of the 'PCT Percent cleared comments' field
- repositioning and renaming of the previous 'Percent Accuracy of percent cleared estimate' field to 'PCT Percent cleared Accuracy', to improve layout and clarity.

## 4. Telerik Grid – ensure working throughout edit app

Applies to: Vegetation Classification edit application users.

This fix corrects formatting and functionality issues for the Telerik grids in the PCT Filter Tool results table and PCT user interface Scientific description tab > Species by Growth Form section data table.

## 5. Telerik Grid – ensure working throughout public app

Applies to: Vegetation Classification public application users.

This fix corrects formatting and functionality issues for the Telerik grids in the PCT Filter Tool results table and PCT user interface Scientific description tab > Species by Growth Form section data table.

## 6. Functionality to print PDF Community Profile Reports for filtered list of qualitative and quantitative PCTs

Applies to: Vegetation Classification public application users.

In developing this functionality, the 'Print PCT' functionality in the PCT user interface was also fixed for quantitative PCTs.

## 7. Addition of new 'PCT Percent Cleared Comments' field in Export All PCTs export

Applies to: Vegetation Classification edit and public application users.

In the 'Export all PCTs' export (Export Bulk Data > Exports > Export All PCTs – PCT % Cleared), the field 'PCT Percent Cleared Comments' has been added to make this information available to users.

## 8. Enhanced functionality for filtering and export of PCT % Cleared data, and bulk update of PCT % Cleared Status for multiple PCTs

Applies to: Vegetation Classification edit application users.

In the Administration menu > PCT Clearing section, the previous functionality only allowed for searching and editing to a single PCT ID. This has been updated to:

- allow searching using multiple criteria (PCT ID, PCT Name or part thereof, Authority, PCT % Cleared Status, PCT Definition Status)
- display and export PCT % Cleared data for multiple PCTs matching search criteria
- bulk update of PCT % Cleared Status for multiple PCTs matching search criteria.

## 9. Correction of data displayed in the PCT Lineage

Applies to: Vegetation Classification edit and public application users.

In the PCT Lineage report (PCT Data > Export Bulk data), the text previously exported in the 'PCT-specific Lineage Transformation Notes' field are now correctly exported in the 'Lineage Transformation Details' field.

## 10. Scientific Description > References – user is unable to manually associate an existing reference to a PCT

Applies to: Vegetation Classification edit application users.

In the Scientific Description References section, admin users and classification edit users are now able to associate an existing reference to a PCT.

# Documentation

Documentation for BioNet systems, including the user manual, quick guides and power queries are available via the BioNet resources page.

# Warnings and known limitations

No warnings or known limitations specific to this release.