

Data Management Summary - Bush Forever 2000 - Sites

Name

Name of Dataset/Information Product: **Bush Forever 2000**

Other Names for Dataset/Information Product:

Key Responsibilities

Custodians of dataset/information product (*branch/division*): Department for Planning and Infrastructure - **Spatial Information and Research**

Point of contact (*for enquiries incl. distribution*): **Geographical Information Officer**
Ph 9264 7827

Description

Abstract:

Provide a brief description of the content, purpose and lifespan of the dataset/information product.

The Bush Forever Site boundaries circumscribe areas of bushland, bushland being defined as: 'land on which there is vegetation which is either a remainder of the natural vegetation of the land, or altered, is still representative of the structure and floristics of the natural vegetation, and provides the necessary habitat for fauna. It is a 10 year strategic plan to protect some 51,200 hectares of regional significant bushland.

Bush Forever (the plan) has been prepared with the full co-operation and information resources of each of the Ministry for Planning (MfP), Department of Environmental Protection (DEP), the Department of Conservation and Land Management (CALM) and the Water and Rivers Commission (WRC) assisted by their various technical and advisory committees, combining rigorous research and analysis with an implementation framework.

Bush Forever identifies 51,200 hectares of regionally significant bushland for protection, covering 26 vegetation complexes. This amounts to about 18% of the original vegetation on the Swan Coastal Plain portion of the Perth Metropolitan Region, and excludes local conservation reserves. Nearly two-thirds of this land is already under some form of protection. The balance of 17,800 hectares, currently unprotected, is mainly in some form of government ownership, with approximately 4,600 hectares being privately owned.

Regionally significant bushland has been identified on the basis of criteria relating to its conservation value. Important among these criteria is the achievement, where possible, of a comprehensive representation of all the ecological communities originally occurring in the region, principally through protecting a target of at least 10 per cent of each vegetation complex. While Perth is fortunate to have an extensive existing reserve system, it does not provide the required comprehensive representation of all the vegetation complexes and their associated ecological communities originally occurring in the region.

The areas selected are defined as Bush Forever Sites, which are representative of regional ecosystems and habitats, and play a central role in the conservation of Perth's biodiversity. Bush Forever Sites may also incorporate associated vegetated conservation category wetlands. These wetlands are recognized as being some of the most biologically diverse of habitats

Lineage:

Summarise the process steps used to design and construct the dataset/information product.

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Please also list the name, custodian, date, scale and presentation form (map, dataset etc) of any data from which this dataset has been derived.

Modifications to sites were made in Microstation then imported into ARCInfo. Modifications were based on cadastral boundaries(sept. 1998), remnant vegetation datasets supplied by AGWA 9 Feb - Mar 1998) and Metropolitan Region Scheme (MRS boundaries). This dataset should be viewed in conjunction with the Bushplan Native Vegetation Dataset.

Consultation with other providers/users:

Who were consulted in the creation of this dataset/information product?

**BushForever officers from Environment and Sustainability – DPI
Department of Environmental Protection (DEP), the Department of Conservation and Land Management (CALM) and the Water and Rivers Commission (WRC) assisted by their various technical and advisory committees, combining rigorous research and analysis with an implementation framework.**

Exclusions:

Was anything excluded from the dataset/information product? (e.g. streams without surface flow)

Legislative requirements: List any Acts or Regulations that require the dataset, or under which the dataset/information product is created and maintained.

The Government of Western Australia has endorsed Bush Forever as the means of seeking the appropriate protection and management of areas of regionally significant bushland on the Swan Coastal Plain portion of the Perth Metropolitan Region and a balance between environmental, social and economic objectives. As an endorsed government policy it will be used as a basis for decision-making and an agreed framework for the protection and management of Bush Forever Sites through the implementation mechanisms identified in the plan. Bush Forever will be implemented through statutory planning and environmental instruments and other government/private actions and incentives. The policy objectives, policy measures and actions in this statement set out the main requirements for the implementation of Bush Forever.

Data Maintenance and Storage

Maintenance frequency:

Indicate the current maintenance frequency, list any known maintenance triggers

Boundaries were subject to change during public submission period (December 1998-March 1999) before final plan (Bush Forever 2000) was completed. Boundaries may be subject to further on-going modifications.

Standards and policies:

List relevant internal/external standards and policies that apply to this dataset/information product.

**Data management practises as carried out by the GIS and Data management section of DPI.
WALIS Data Management Guidelines**

Quality assurance:

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Describe the processes and measures undertaken to ensure the data is as correct as possible?

Data is a representation of the data published in the Bush Forever 2000 publication.

Data was obtained from publication sources and converted to ArcInfo GIS format with data verification and QA being undertaken in consultation with the Bush Forever office and GIS and Data Management data management practises.

Bush Forever Site Boundaries may be subject to change through on-going updates and auditing process. Current proposed modifications are available from DPI. Please contact the DPI to ensure the latest updated dataset.

Feedback/error reporting:

What are the processes to accept feedback from users?

All issues regarding Geographical information are to be reported to the Coordinator of GIS Analysis and Data management for review and correction. Ph 9264 7824

Storage:

Describe how the data will be stored (e.g. format, location).

- Corporate GIS database. ArcInfo coverage format
- ARCSDE geodatabase

Archival process

What is the process for archival of this dataset/information product?

Dataset is a live version which is stored on the GIS database

Tape Backup applied

Metadata:

Where is the metadata located and what workable plan do you have to collect/maintain it (e.g. metadata Monday)?

Metadata is stored as a doc file in the same directory path as the corporate data. Metadata is updated for each corporate theme when it is updated and registered for entry into the corporate database

Data Attributes/Fields (Data Dictionary)

List and describe all the fields of the dataset/information product:

Attributes

FID *Alias:* FID *Data type:* OID *Width:* 4 *Precision:* 0 *Scale :*0 *Definition:* Internal feature number.

Shape *Alias:* Shape *Data type:* Geometry *Width:* 0 *Precision:* 0 *Scale:* 0 *Definition:* Feature geometry.

FNODE# *Data type:* Binary *Width:* 4 *Output width:* 5 *Definition:* Internal node number for the beginning of an arc (from-node).

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TNODE# *Data type: Binary Width: 4 Output width: 5*
Definition: Internal node number for the end of an arc (to-node).

LPOLY# *Data type: Binary Width: 4 Output width: 5*
Definition: Internal node number for the left polygon.

RPOLY# *Data type: Binary Width: 4 Output width: 5*
Definition: Internal node number for the right polygon.

LENGTH *Data type: Float Width: 8 Output width: 18*

Number of decimals: 5

Definition: Length of feature in internal units.

BF_SITES# *Data type: Binary Width: 4 Output width: 5*
Definition: Internal feature number.

BF_SITES-ID *Data type: Binary Width: 4 Output width: 5*
Definition: User-defined feature number.

Data Distribution

Specific distribution instructions:

How will it be distributed e.g. WALIS clearinghouse, SLIP, DVD, FTP, internal use only?

WALIS clearinghouse

External Request and distribution through point of contact

Usage recommendations:

For example, are there any recognised inappropriate uses? (e.g. scale abuse)

Data capture has to be taken into account with Remnant vegetation captured at a scale at 1:25000 and Heddle complexes captured at 1:250000

Access constraints:

Are there any restrictions on who may use the data?

Proposed Amendments

Are there any proposed improvements to the datasets/information products?

Boundaries were subject to change during public submission period (December 1998-March 1999) before final plan (Bush Forever 2000) was completed. Boundaries may be subject to further on-going modifications.

EXAMPLE

If so:

- Describe level of involvement of stakeholders in assessing amendments
- What are the improvements and the reason(s) for it?
- When? (e.g. schedule/timeframe)

What are the funding implications?

Administration, Coordination and Decision-Making

Bush Forever will be implemented as a whole-of-government process with the establishment of coordinated administrative and decision-making structures, with the Ministry for Planning functioning as the lead coordination and implementation agency. A Bush Forever Advisory Group (BAG) and a Bush Forever Management Advisory Service (BMAS) will be established for an initial period of three years (following which their roles will be reviewed) to oversee and assist in the effective and efficient implementation of Bush Forever.

A Bush Forever Office will be maintained within the Ministry for Planning with a coordinator and dedicated full-time staff to coordinate implementation and the activities of key government agencies on Bush Forever matters in liaison with an inter-agency technical coordinating group.

The Bush Forever Office, the inter-agency technical coordinating group and key government agencies will provide advisory and support services to the BAG and the BMAS.

Bush Forever

An inter-agency memorandum of understanding will be prepared to define key agency roles and responsibilities and establish administrative and decision-making structures necessary to provide a coordinated approach to the implementation of Bush Forever between the key participating agencies; other government agencies will be involved as required.

Interim Protection (see 2.5.3)

The Western Australian Planning Commission (WAPC) will consider initiating Amendments to the Metropolitan Region Scheme Text and the Metropolitan Region Scheme to introduce a Special Control Area and clearing controls for Bush Forever Sites, where appropriate.

Statement of Planning Policy (see 2.5.4)

The WAPC will prepare a Statement of Planning Policy for Bush Forever to identify implementation objectives, processes and broad implementation guidelines to guide future planning initiatives affecting Bush Forever Sites; and, to require local governments to develop local bushland strategies.

Urban Bushland Management (see 2.5.5)

The BMAS will assist in the provision of management advice and educational services to relevant government agencies, landowners affected by Bush Forever and the broader community. The advisory service will be supported by a Bush Forever Management Facilitator (to

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be employed through the Ministry for Planning's Bush Forever Office) to be located within the Department of Conservation and Land Management (CALM - who will provide the required administrative support).

The future control and management of conservation areas reserved through the implementation of Bush Forever will be established with due consideration of the purpose and intent of the reserve in liaison with the management bodies. Areas of highest conservation value will be reserved for conservation purposes under the Conservation and Land Management Act 1985 and the Land Administration Act 1997 in accordance with the site implementation recommendations.

Local Bushland Protection (see 2.5.6)

A Local Bushland Liaison Officer will be employed through the Ministry for Planning's Bush Forever Office, to support and assist the Western Australian Municipal Authority (WAMA) and local governments in the development of local bushland strategies, and an agreed set of guidelines for the assessment of values of local bushland to facilitate consistency approach. Bush Forever

The Bush Forever Office and key government agencies will provide information support to local government in consultation with the WAMA and local governments.

The Government will provide seed-funding through a grants program to be administered by the WAPC, for local governments to prepare local bushland inventories and strategies in accordance with agreed guidelines and criteria, where appropriate.

Public Awareness Strategy (see 2.5.7)

The Ministry for Planning, in liaison with other key agencies and the BMAS, supported by the Bush Forever Management Facilitator, will develop information and education resources programs for landowners, schools and the general public in conjunction with other programs.

Bush Forever Action Plan (see 2.5.8)

Bush Forever will be implemented in accordance with the actions identified in the Bush Forever Action Plan (Table 1).

The Ministry for Planning (Bush Forever Office), in liaison with the other key agencies and the BAG, will develop criteria, monitoring and review procedures for the ongoing auditing of Bush Forever, including the periodic review of new information on the ecology of the Swan Coastal Plain.

Other Information

EXAMPLE

Have you considered these issues with regard to this dataset/information product (please tick):

- Privacy issues
- FOI issues
- Copyright
- State Records Act 2000 (Archiving)

Prepared by: Steven James

Date:10-1-07

Checked by: Matt Devlin

Date:12-2-07

Approved by: Howard Drabsch

Date:

Recommended Review date:10-1-08

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