
CARBON SINKS ATLAS FOR SOUTH AFRICA

Biomes of South Africa

Metadata Date Stamp:

06 November 2015

DATASET DESCRIPTION

File Names:

Data:

Biomes_of_South_Africa_DEA_CSIR_2015-11-06

Metadata:

Biomes_South_Africa_OR_2015_Q4_METADATA

Dataset Reference Date:

2015/11/06

Data quality:

*Very good – Reproduced from the South African National Biodiversity Institute (SANBI) dataset.
Report to be cited: Mucina, L. & Rutherford, M.C. (eds) 2006. The vegetation of South Africa,
Lesotho and Swaziland. Strelitzia 19. South African National Biodiversity Institute. Pretoria.*

Dataset Responsible Party:

South African National Biodiversity Institute (SANBI)

Geographic Location of the Dataset: RSA

West 15.108473

East 33.680754

North -21.786451

South -35.294210

Keywords:

Biomes, biomes of South Africa

Dataset Language:

English (SOUTH AFRICA)

Dataset Character Set:

utf8 - 8 bit UCS Transfer Format

Dataset Topic Category:

007 = Environment (ISO 19115 Topic category)

Dimensions:

X: 1000 Y:1000 Bands: 1

Spatial Resolution of the Dataset:

1000.0 meter

No Data Value:

0

Data Type:*Byte - Eight bit unsigned integer***Raster Format:***GeoTiff***Data Release classification:**

Release classification	Description	Time frame	Example
<i>OR</i>	<i>Official release</i>	Quarter 4 <i>30 November 2015</i>	<i>Biomes_South_Africa_OR_2015_Q4</i>

Citation:**Citation Information:****Originator:** *South African National Biodiversity Institute (SANBI)***Publication Date:** *2006***Title:** *The vegetation of South Africa, Lesotho and Swaziland***Location:** *Pretoria, South Africa***Geospatial Data Presentation Form:** *Raster digital data***Other Citation Details:** *Mucina, L. & Rutherford, M.C. (eds) 2006. The vegetation of South Africa, Lesotho and Swaziland. Strelitzia 19. South African National Biodiversity Institute. Pretoria.***Abstract:***Biomes coverage that groups the vegetation types of South Africa, Lesotho and Swaziland at the highest level. This represents a simplification of the biome level groupings of vegetation types***Purpose:***This data set is provided as ancillary data to the South African Carbon Atlas to aid in interpretation.***Supplemental Information:***None***Lineage Statement:***Data officially released by SANBI in 2006***ATTRIBUTE INFORMATION****Attribute Description:**

Field name	Alias Name	Data Type	Description	Example
Cell value	<i>Cell value</i>	<i>Byte - Eight bit unsigned integer</i>	<i>This field contains values associated with names of biomes</i> <i>1 Desert</i> <i>2 Succulent Karoo</i>	<i>16</i>

			3 Nama-Karoo 4 Fynbos 5 Albany Thicket 6 Grassland 7 Savanna 8 Forests 16 Indian Ocean Coastal Belt	
--	--	--	---	--

SUPPLEMENTARY INFORMATION

None

DATA MAINTENANCE

Dataset last updated:

2015/11/06

Time Period of Content:

1996 - 2006

Maintenance and update frequency:

No planned updates

DISTRIBUTION AND CONSTRAINTS

On/line Resource:

SANBI Biodiversity Advisor
Biodiversityadvisor.sanbi.org

Distribution Format:

GeoTIFF

Access constraints:

SANBI retains ownership of the data. Users may reproduce the data set for educational or non-profit uses without the permission of the copyright holder provided that SANBI is acknowledged. Citation: Mucina, L. & Rutherford, M.C. (eds) 2006. The vegetation of South Africa, Lesotho and Swaziland. Strelitzia 19. South African National Biodiversity Institute. Pretoria.

Terms of Use:

Indemnity:

The user agrees to indemnify SANBI, its employees, agents and contractors in respect of all liability for loss, damage or injury, which may be suffered by any person arising from that person's use of these data.

Warranty:

SANBI does NOT warrant that these data are free of errors.

Ownership:

SANBI retains ownership of the data, whether in its original form or as modified by the user, and of the Intellectual Property rights contained therein.

Commercial Exploitation:

The user shall NOT commercialise these data, unless it has first obtained the written consent of SANBI.

SANBI Copyright:

The user acknowledges that SANBI Copyright exists in these data and its derivatives. Whilst every effort is made to ensure the accuracy of these data, users noting errors and omissions are requested to notify SANBI in writing.

These data may be reproduced for educational or non-profit uses without the permission of the copyright holder provided that SANBI is acknowledged.

Topographic data were supplied by the Chief Directorate: Surveys and Mapping, Mowbray (w3sli.wcape.gov.za) and are reproduced under Government Printer's Copyright Authority No. 11243 dated 4 January 2005.

METADATA INFORMATION

Metadata Contacts:

*Barney Kgope
Department of Environmental Affairs
Bkgope@environment.gov.za
+27123999165*

*Itchell Guiney
Department of Environmental Affairs
iguiney@environment.gov.za
+27123999166*

*Director: Enterprise Geospatial Information Management
DEADATA@environment.gov.za
+27 12 399 8916*

Postal Address:

*Department of Environmental Affairs
Directorate: Enterprise Geospatial Information
Management Private Bag X447
Pretoria
Gauteng
South Africa
0001*

Physical Address:

*Environmental House
473 Steve Biko, Arcadia
Pretoria
0083*

Owner of Data:

Point of Contact:

Point of Contact:

*Les Powrie
South African National Biodiversity Institute (SANBI)
vegmap@sanbi.org.za
+27 (0)21 799 8600*

Head Office:

*South African National Biodiversity Institute
Private Bag X101
Silverton, 0184*

South Africa
+27 (0)12 843 5000

Additional Extent information for the Dataset (Vertical & Temporal):

N/A

Spatial Representation Type:

Raster – Area

Spatial Reference:

Coordinate Reference: GCS_WGS_1984
Projection - Albers_Conic_Equal_Area

Projection:

*PROJCS["Albers_Equal_Area_Conic_South_Africa",
GEOGCS["GCS_WGS_1984",
DATUM["D_WGS_1984",
SPHEROID["WGS_1984",6378137,298.257223563]],
PRIMEM["Greenwich",0],
UNIT["Degree",0.0174532925199433]],
PROJECTION["Albers"],
PARAMETER["False_Easting",0],
PARAMETER["False_Northing",0],
PARAMETER["central_meridian",25],
PARAMETER["Standard_Parallel_1",-12],
PARAMETER["Standard_Parallel_2",-31],
PARAMETER["latitude_of_origin",0],*

Metadata File Identifier:

Biomes_South_Africa_OR_2015_Q4_METADATA

Metadata Standard Name:

SANS 1878

Metadata Standard Version:

SANS 1878/1:2005

Metadata Language:

English

Metadata Character Set:

US/Ascii