

SANBI

Biodiversity for Life



South African National Biodiversity Institute

METADATA REPORT

DATA IDENTIFICATION:	
Title	NBA2018_Terrestrial_RLE_PL_remnants
Description (detailed)	NBA2018_Terrestrial_RLE_PL_remnants layer is associated with the NBA2018_Terrestrial_ThreatStatus_ProtectionLevel. While the a NBA2018_Terrestrial_ThreatStatus_ProtectionLevel provides the data for Protection level and threat status for the historical (pre 1750AD) extent of the terrestrial ecosystems, this layer shows the protection level and threat status of the <u>current remaining extent</u> of terrestrial ecosystems. More detail can be found in NBA 2018 Technical Report Volume 1: Terrestrial Realm, http://hdl.handle.net/20.500.12143/6370
Purpose	Ecosystem Threat Status and Protection level was calculated as part of the National Biodiversity Assessment process for 2018. These two metrics indicate the current status and protection level of South Africa's ecosystems as determined by the National Biodiversity Assessment 2018 Process. The data forms the foundation for many land use decision processes including conservation planning.
Status	Final version associated with NBA 2018
Maintenance and update frequency	This layer was developed as part of the 2018 National Biodiversity Assessment.
Topic category	Ecosystem Assessment
Lineage	The status and protection levels calculated for the NBA 2018 are based on the 2018 National Vegetation Map and the 2009 and 2014 land cover datasets. The IUCN ecosystem assessment method was applied. Previous National Biodiversity Assessments (i.e. 2011 and 2004) produced results for threat status and protection level. However, these were not based on the IUCN system. Therefore the results from previous ETS and EPL layers are not comparable over time.
Citation	Please see NBA 2018 Technical Report Volume 1: Terrestrial Realm, http://hdl.handle.net/20.500.12143/6370
Keywords	ecosystem, threat status, protection level, assessment, remaining extent, remnants

ORIGINATOR OF THE DATASET:	
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Role	Responsible for the research, assessment and monitoring of the extent and condition of ecosystems.
Funders	South African National Biodiversity Institute

AUTHOR OF THE METADATA:

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Role	Author; Custodian; Distributor; Owner; Point of contact; Processor; User.

RESOURCE CONSTRAINTS:

Access constraints	Copyright holder: SouthAfricanNationalBiodiversityInstitute
Use constraints	This data may not be reproduced by any means, nor redistributed via web site or ftp site, without prior permission. Whilst every effort has been made to ensure the accuracy of data, users are advised to use the data and conclusions drawn from its use with caution. Users noting errors and omissions are requested to notify the data custodian (A.Skowno@sanbi.org.za) to improve data accuracy. These data are not for resale or replicating. This digital version is in the public domain requiring only the conventional acknowledgement of source in publications and reports.
Other restrictions	APPROPRIATE USE OF THIS DATASET: The Threat status and Ecosystem Protection level statistics must be interpreted with an understanding of the approach and rationale described in the National Biodiversity Assessment 2018 Terrestrial technical documents and Synthesis report.

SPATIAL RESOLUTION:

Spatial representation type	Geodatabase, Shapefile, Text.
Equivalent scale - Denominator	Various (See technical documents) 1:3000 to 1:50 000 (same as National Vegetation Map 2018 and the Land cover maps of 2009 and 2014 as these were used as one of the foundational layers for the assessment)

COORDINATE REFERENCE SYSTEM: Custom

Projected/Geographic coordinate system	PROJCS["AEA_RSA_WGS84",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Albers"],PARAMETER["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",25.0],PARAMETER["Standard_Parallel_1",-24.0],PARAMETER["Standard_Parallel_2",-33.0],PARAMETER["Latitude_Of_Origin",0.0],UNIT["Meter",1.0]]
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TEMPORAL EXTENT (time period covered by the content of the dataset):

Temporal extent - Begin date	1750
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ONLINE RESOURCE (additional resources available online):

Description	The National Biodiversity Assessment 2018 Technical Report Volume 1: Terrestrial Realm is an essential resource to understand how these statistics were calculated. The document includes a description of the approach used, important deviation from previous assessments and vital information such as which input datasets were used.
Linkage	Full details of the methodology can be found in the NBA 2018 Technical Report Volume 1: Terrestrial Realm , access here: http://hdl.handle.net/20.500.12143/6370

LEGEND PROPERTIES:

Classification	See attribute fields
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The attribute field data can also be provided as a MS Excel spreadsheet and uploaded as an online resource.

ATTRIBUTE FIELDS		
Field Name	Full name	Description
OBJECTID	Object Identification	Internal feature number.
Shape	Shape	Feature geometry.
NAME		name of vegetation type version 2018 (based on Mucina and Rutherford 2006, updated Dayaram and Skowno 2018), 458 types in South Africa, 459 in SA , LES and SWA
RLE_v5		Final result using highest RLE category (CR Critically Endangered, EN Endangered, VU Vulnerable, NT Near Threatened (I am lumping this with LC for now), LC Least concern, overall RLE result
PL		Protection level (South African indicator) (tech report available) (WP Well Protected, MP Moderately Protected, PP Poorly Protected, NP Not Protected), computed using PA layer developed for NBA2018
Shape_Length	Shape Length	Automatically generated geodatabase value indicating the length of the polygon in meters
Shape_Area	Shape Area	Automatically generated geodatabase value indicating the length of the polygon in square meters

The descriptions of the metadata fields are provided and copyright of Open Source Geospatial Foundation. Available at https://geonetwork-opensource.org/manuals/2.10.4/eng/users/appendix/glossary_of_metadata/index.html