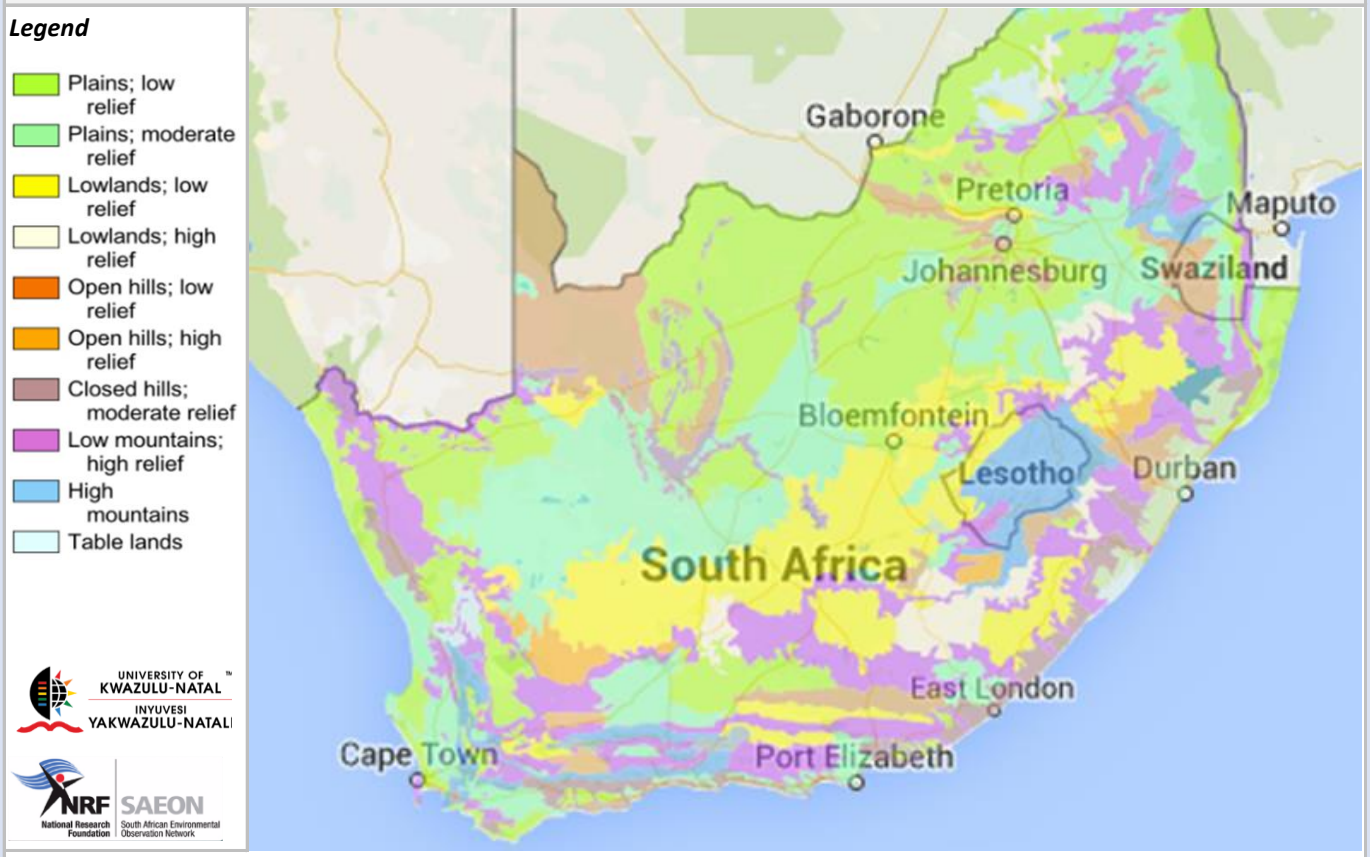
THEME: PLANNING YIELD POTENTIALS	Prepared by: Wim Hugo, SAEON

Terrain Morphology



Author(s): Derived from Schulze, R.E and Kruger, G.P (2007)

Date: 2007

Meta-Data

Title	*Terrain Morphology*
File Name	*morphology.shp*
Author(s)	*Derived from Schulze, R.E and Kruger, G.P (2007)*
Publication Date	*2007*
Citation	Schulze, R.E. and Kruger, G.P. 2007. Terrain Morphology. In: Schulze, R.E. (Ed). 2007. South African Atlas of Climatology and Agrohydrology. Water Research Commission, Pretoria, RSA, WRC Report 1489/1/06, Section 3.2.
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Abstract	** The data shows a terrain morphology map derived from Schulze, R.E and Kruger, G.P (2007).* ** Altitude can be high or low, but that by itself does not present a complete description of terrain characteristics, nor does it analyse the landforms quantitatively, nor does it examine landscape influences on, for example, hydrological responses or agricultural potential. Kruger (1983) mapped the terrain morphology of South Africa, Lesotho and Swaziland into six broad classes (A, B, . . . to F) according to relief (low to high). Five of the broad categories were subdivided further to give a total of 30 subdivisions. The 30 subdivisions can be re-grouped and classified as shown on the map.*
Keywords	*altitude, landscape, morphology, relief, terrain*
Caveats	http://bea.dirisa.org/resources/metadata-sheets/WP00_00_META_MORHOPLOGY.pdf
Web Meta-Data	
Web Resource	http://app01.saeon.ac.za:8082/geoserver/BEEH_shp/wms?service=WMS&version=1.1.0&request=GetMap&layers=BEEH_shp:morphology.shp&styles=&bbox=16.464,-34.834,32.894,-22.129&width=512&height=395&srs=EPSG:4326&format=application/openlayers

Methodology/ Protocol

Processing/ Provenance	*As described above*

Important Attributes

MORPHOLO_1	Relief (m)
SYMBOL	Terrain morphology subdivision number (1 - 30)
DESCRIP	Terrain description
SHAPE_1	Slope form
MAIN	Terrain morphology main category/classification (A - F)

References and Sources

[1]	Schulze, R.E. and Kruger, G.P. 2007. Terrain Morphology. In: Schulze, R.E. (Ed). 2007. South African Atlas of Climatology and Agrohydrology. Water Research Commission, Pretoria, RSA, WRC Report 1489/1/06, Section 3.2.