COASTAL RIVERS

Data ID

Description:	Ephemeral river courses cropped to the coastal zone
Chapter:	Ch1 Introduction
File name:	rivers
File type:	ArcView shapefile
Geographical area:	Coastal Zone
Keywords:	river
	ephemeral
	Figure 1
Notes on data, analysis and compilation, and source:	This is the same shapefile as that used in the Atlas of Namibia, originally obtained from the HYMNAM project, Dept. of Water Affairs

Data quality

Positional Accuracy:	1:1000 000 scale
Vector/Raster:	Vector

Spatial reference

Projection:	Geographic
Spheroid	WGS84

Fields

Field name	*Field description*
TYPE	Main or minor river course
RIVER_NAME	Name of the river course
REGION	poltical region in which the river course falls

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COASTAL TOWNLANDS

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Data ID

Description:	Townland areas of the urban centres along the coast
Chapter:	Ch1 Introduction
File name:	townlands
File type:	ArcView shapefile
Geographical area:	Coastal Zone
Keywords:	Town
	Figure 1

Notes on data, analysis and compilation, and source: Townlands were taken (and updated where necessary) from the file used in the Atlas of Namibia. Survey Diagrams were obtained from the Surveyor General and co-ordinates were used to create the townland boundaries.The Ministry of Regional and Local Government and Housing should be contacted to get up-to-date information on the status of each urban area.

Data quality

Positional Accuracy:	Very accurate where only survey diagrams have been used.
Vector/Raster:	Vector

Spatial reference

Projection:	Geographic
Spheroid	WGS84

Fields

Field name	*Field description*
Name	Name of the town
Category	municipality, town, settlement etc.
Region	region in which the townland is located
Source	how the townland was created e.g. survey diagram, farm map etc.

COASTAL ZONE

Data ID

Description:	Definitive shapefile defining the coastal zone and inland area used throughout the book in addition to borders and partial coastlines of RSA and angola
Chapter:	Ch1 Introduction
File name:	Coast
File type:	ArcView shapefile
Geographical area:	Coastal Zone
Keywords:	boundary border coast Figure 1
Notes on data, analysis and compilation, and source:	Used as a definitive border map for all shapefiles in the profile. Created from several sources: the coast and river sections were digitised from Landsat satellite images (2004). The entire length was digitised at a scale of 1:100,000 except for the townland areas of Swakopmund, Walvis Bay and Luederitz for which a 1:50,000 scale was used. Park boundaries were created from gazettes using coordinates, a shapefile of farm boundaries, survey diagrams etc. Townlands were taken from the Atlas of Namibia. While a far more detailed shapefile of the coastline (20m RMS -2001) is available from the Benguela Current Commission, this was unnecessarily detailed for the purposes of this book.

Data quality

Positional Accuracy:	Mostly 1:100 000 scale but variable
Vector/Raster:	Vector

Spatial reference

Projection:	Geographic
Spheroid	WGS84

Fields

Field name	Field description
NAME	Coastal zone, RSA, Angola etc.

ELEVATION

Data ID

Description:	Polygon shapefile depicting elevation for the coastal area using 6 class intervals
Chapter:	Ch1 Introduction
File name:	elevation_simplified
File type:	ArcView shapefile
Geographical area:	Coastal Zone
Keywords:	Elevation
	Relief
	Figure 1
Notes on data, analysis and compilation, and source:	The elevation shapefile is a simplified version of the that provided the Atlas of Namibia. The original file was interpolated (using a kriging interpolator) from a 30 second grid DTM. Grid cell size was set to 500m.

Data quality

Positional Accuracy:	Interpolated from 1km grid
Vector/Raster:	Vector

Spatial reference

Projection:	Geographic
Spheroid	WGS84

Fields

Field name	*Field description*
ALTITUDE	Altitude class in m
ALT_ID	Altitude class as a sequential integer

INLAND BOUNDARY

Data ID

Description: Inland eastern boundary of the coastal zone which equates to the protected area boundaries

Chapter: Ch1 Introduction

File name: line

File type: ArcView shapefile

Geographical area: Coastal Zone

Keywords: eastern
boundary
Figure 1

Notes on data, analysis and compilation, and source: Line shapefile depicting the eastern boundary of the coastal zone. This was derived from the shapefile of protected areas (chapter 6)

Data quality

Positional Accuracy: As per the protected areas

Vector/Raster: Vector

Spatial reference

Projection: Geographic

Spheroid WGS84

Fields

Field name	*Field description*
NAME	Coastal zone

NAMIBIA'S ISLANDS

Data ID

Description: The islands off the coast of Namibia

Chapter: Ch1 Introduction

File name: Namibias_islands.dbf

File type: ArcView shapefile

Geographical area: Coastal Zone

Keywords: Island
Figure 1

Notes on data, analysis and compilation, and source: The islands shapefile comes from the Atlas of Namibia. All islands were digitised from geocorrected images of 1:250,000 map sheets

Data quality

Positional Accuracy: 1:250 000 scale

Vector/Raster: Vector

Spatial reference

Projection: Geographic

Fields

Field name	Field description
ISLAND_ID	Name of the island

PANS

Data ID

Description:	All pans along the coast
Chapter:	Ch1 Introduction
File name:	Pans
File type:	ArcView shapefile
Geographical area:	Coastal Zone
Keywords:	pan
	Figure 1
Notes on data, analysis and compilation, and source:	From Atlas of Namibia

Data quality

Positional Accuracy:

Vector/Raster:

Spatial reference

Projection:	Geographic
Spheroid	WGS84

Fields

Field name	*Field description*
AREA	

PERENNIAL RIVERS

Data ID

Description:	Kunene and Orange rivers falling within the coastal zone
Chapter:	Ch1 Introduction
File name:	privers
File type:	ArcView shapefile
Geographical area:	Coastal Zone
Keywords:	river perennial Orange Kunene Figure 1
Notes on data, analysis and compilation, and source:	The stretches of perennial rivers falling within the coastal zone were digitised from Landsat 2000 satellite images at a scale of 1:50 000.

Data quality

Positional Accuracy:	1:50,000 scale
Vector/Raster:	Vector

Spatial reference

Projection:	Geographic
Spheroid	WGS84

Fields

Field name	Field description
NAME	Orange or Kunene rivers

PROTECTED AREAS - CURRENT

Data ID

Description: Shapefile of State protected areas at the time of publication

Chapter: Ch1 Introduction

File name: protected_areas

File type: ArcView shapefile

Geographical area: Namibia

Keywords:
Parks
protected area
Conservation
Figure 1

Notes on data, analysis and compilation, and source: The shapefile of protected areas originally developed for the Atlas of Namibia was amended where necessary to incorporate changes since its creation. The 'derivation' attribute field indicates how the polygon for the particular protetcted area was created.

Data quality

Positional Accuracy: Good

Vector/Raster: Vector

Spatial reference

Projection: Geographic

Spheroid WGS84

Fields

Field name	Field description
NAME	Name of the protected area
SUB_UNIT	Zonation within the protected area
CATEGORY	Type of protected area i.e. National Park, Game Reserve etc.
DERIVATION	How the boundaries were derived
LAST_GAZET	The last time the protected area was gazetted
AREAKM2	Area of the protected area in km2
PERIM_KM	Perimeter of the protected area in km
LOCATION	General regional location of teh protected area

RAILWAY LINE

Data ID

Description: Rail networks in the coastal zone

Chapter: Ch1 Introduction

File name: rail-geol-survey

File type: ArcView shapefile

Geographical area: Coastal Zone

Keywords: Rail
Figure 1

Notes on data, analysis and compilation, and source: Shapefile received from the Geologocal Survey, Windhoek. Other details are unknown

Data quality

Positional Accuracy: Unsure but seems reasonable

Vector/Raster: Vector

Spatial reference

Projection: Geographic

Fields

Field name	Field description
RECNO	Sequential rail segment identifier

ROADS

Data ID

Description: Trunk, main and district roads

Chapter: Ch1 Introduction

File name: Roads

File type: ArcView shapefile

Geographical area: Coastal Zone

Keywords:
road
track
Figure 1

Notes on data, analysis and compilation, and source: Trunk, main and district roads were compiled from national roads 5 - roads authority data

Data quality

Positional Accuracy: Unknown

Vector/Raster: Vector

Spatial reference

Projection: Geographic

Spheroid WGS84

Fields

Field name	Field description
ROADNR	Number of the road as assigned by Roads Authority
DISTRICT	Magisterial district
ROADTYPE	Type of road surface e.g. tar, gravel etc.
CA	Accuracy
ROUTE	Road name e.g. B1
CATEGORY	Trunk, main or district