

KENYA ANNEX II: METADATA RECORDS

1. Country overview

Data type	Theme	Format	Metadata record	Description
Image	Baseline	jpeg	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={62EA98C5-917D-5A82-0171-48051302207A}	Kenya's Geographical Coordinates for the EEZ

2.1 Climate

Data type	Theme	Format	Metadata record	Description
Table	Climate	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={FFF188E1-2691-C16C-F712-644B5D2F7311}	The data contains information on monthly rainfall from 1912- 1992 for Gazi, Kwale, Shimba Hills, Lunga Lunga, and Ramisi
Table	Climate	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={5D333505-161F-4923-8745-3EBC5947B3C6}	The data contains monthly relative humidity for Lamu, Moi, Mtwapa, Malindi, Msabaha stations for 1983-1992
Table	Climate	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={214DB3F7-74E0-DBE2-11FE-80C999A7AB0E}	Data contains information on mean monthly wind speed measured in Lamu, Moi, and malindi met stations. 1983 - 1986
Table	Climate	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={DE35A469-5BAC-8791-687E-2AC14C0BFF17}	The data contains information on monthly air temperature, relative humidity, evaporation and surface wind for January to December 1992 and January 1993
Table	Climate	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={C49EAC34-F1C4-D6A4-80A3-979478445163}	The data contains information on total monthly rainfall for the duration 1983-1992 for Lamu, Malindi, Moi, Msabaha and Mtwapa stations.

2.4 Freshwater resources and drainage, including estuaries

Data type	Category	Format	Metadata record	Description
Table	Pollution	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={23F119D-4817-63C3-267F-3A736495B59B}	Data contains information on e coli and coliform counts of water from wells and boreholes in Mombasa District
Table	River gauging	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={A38CD1C3-BC9D-4691-4BAB-3C70394C2742}	data contains information on groundwater resources - springs discharge data. monthly discharge (f3/sec)and discharge (curves) for Votia, Kibogoni, Madabara, Kitanze, and Marere for 1967 - 1987
Table	Sediments	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={5F87600F-5DDE-F816-0F4D-4A3FA23AA9CA}	Data contain information on results of field survey on sediment discharge of river Mwache, Kombeni, Sabaki, Goshi and Voi, Mwachema, Kidogoweni, Mkurumuji, Ramisi, Umba
Table	River	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={AFC9B929-3043-7946-AD4B-3AE7BB7D6C6A}	The data contains information on the tana river and its flooplain. This includes width, depth and slope of the floodplain and the main river
Table	Infrastructure	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={5FB8B0BC-4044-874D-46A8-F57D738D9274}	Data contains information on school enrolment for girls and boys in primary and secondary schools from 1989 to 1993
Table	Sediments	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={C3F69DA7-9463-1A92-DA76-64A8E073DAB1}	Data contains information on sediment discharge data for River Sabaki
Table	Sediments	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={4E6B2F9D-7F8F-EDEF-BC70-FD4CC3131206}	The data contains information on sediment transport at River Tana
Table	Surface water	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={ABD7A888-A9CB-B98E-F8FB-C0C2FCDF2C98}	The data contains information on Surface water characteristics for rivers in coast province

Table	Surface water	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={B84251CA-DDAD-AB66-C4D9-B9A27D97B486}	The data contains information on TANA RIVER FLOW (10 m/month) before abstraction by Tana Delta Project
Table	Water, sediments	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={E82E0323-16C6-11BD-E87A-B5C073FDB976}	The main drainage areas in Kenya, Fresh water and sediment discharge

2.5.1 Coastal hydrodynamics and offshore current systems

Data type	Category	Format	Metadata record	Description
			http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={D792A3EB-0322-0A5F-A15A-59998FA07776}	The data contains information on current direction and speed of south east monsoon (SEM) and north east monsoon (NEM) sampled at 4 locations each

2.5.2 Tides and extreme water levels

Data type	Category	Format	Metadata record	Description
Table	Tides	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={1B3A62E5-095B-B3F8-025A-EE44B8449A4C}	Tidal regime and waves in the Kenyan coast, Tudor, Kilifi and Kilindini

2.5.3 Sea level change

Data type	Category	Format	Metadata record	Description
Table	Tide	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={E6029A03-C4F6-37F7-399B-8BFB670DE6DB}	Through GLOSS, a network consisting of about 300 tide gauges have been installed throughout the globe. Kenya is one of the countries participating in GLOSS and has two tide gauges, Mombasa (1986) and Lamu (1996).

2.5.4 Ocean temperature

DATA TYPE	Theme	Format	Metadata record	Description
Table	Sea Temperature	ASCII	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={8D0F4BB2-846A-1448-1C15-624C094558C1}	The National Oceanographic Data Center's CD-ROM NODC-02 contains temperature profiles

2.5.5 Salinity patterns

Data type	Theme	Format	Metadata record	Description
Table	Sea Salinity	ASCII	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={8D0F4BB2-846A-1448-1C15-624C094558C1}	The National Oceanographic Data Center's CD-ROM NODC-02 contains salinity profiles

2.6.1 Nutrients

Data type	Category	Format	Metadata record	Description
Table	Nutrients	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={306440B6-4756-5110-F7D5-CCA1A060579C}	Data contains information on bacteriological contamination levels and nutrients in Mombasa District inshore water areas. BOD, coliform, e-coli, PO, N).
Table	Heavy metals	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={92C7D834-40DF-1AB4-E785-09AF0F175708}	Cu, Zn, Cd, Pb, Mn (mg g ⁻¹ dry wt.) and Fe (mg g ⁻¹) in epibenthic macroinvertebrates from the continental slope and coastal zone 3

2.6.3 Primary production

Data type	Category	Format	Metadata record	Description
Table	Taxonomy	xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={D7628B4B-C1BE-8C71-975D-B9502169B35D}	Taxa of phytoplankton encountered in Shimoni-Vanga systems in 2009

2.7.1 Coastal and marine habitats in Kenya

Data type	Category	Format	Metadata record	Description
Table	Habitats	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={69726DC0-A65C-CFD0-1AD8-82EA1673C85D}	Distribution of different species- Mangroves, Coral reefs, Sea-grass beds and Coastal forests
Table	Habitats	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={53080B07-5BF2-F5FF-2869-DA4709796D35}	Causes, impacts, and consequences of degradation and loss of habitats.
table	Habitats	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={05C664DA-97F9-E8A2-1E76-D01958E6E335}	Seagrass distribution - occurrence along selected sites along the Kenyan coast

2.9.2 Fish and fish resources

Data type	Theme	Format	Metadata record	Description
Table	Taxonomy	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={529D668C-9826-425B-F219-AE3951D98125}	Data contains information on names of fishes as contained in the Department of Fisheries records, against the likely family, species and common names that these may represent

2.9.5 Birds

Data type	Theme	Format	Metadata record	Description
Table	Birds	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={92C27F9F-5315-11CA-98B6-BAGE1AEB99AB}	Marine IBAs along the Kenyan coast showing important criteria of BirdLife International

3.1 Coastal and Island Populations – Current Status and Trends

Data type	Category	Format	Metadata record	Description
Table	Demography	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={92C27F9F-5315-11CA-98B6-BAGE1AEB99AB}	Demographic characteristics of the seven

			ls&uuid={4E51DD84-7CF4-13BE-F1D9-EC22FC0813EF}	districts in coast province in 2005
Table	Demography	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={3E61233E-8BF3-33BE-7B82-C77D069373DA}	The coastal tribe of northeastern bantu (Pokomo, Nyika and Taita)

3.3 Human Health

Data type	Themes	Format	Metadata record	Description
Table	Pollution	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={26985448-DF5E-5737-6EC0-40BE2DF3CD94}	Data contains information on pollution loads associated with Domestic sewage, Beach Hotels, Solid waste, Storm water runoff, runoff, Livestock waste
Table	Pollution	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={31316C11-0A37-E349-6AC6-A9FB37BA748D}	Data contains information on pollution loads for Mombasa, Kwale, Kilifi and Lamu districts
Table	Pollution	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={8E51F706-D5D1-36D9-FD51-D11A87109778}	Data contains information on pollution loads to Mombasa in-shore waters from various sources
Table	Pollution	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={A2368715-AC7A-731E-3FA8-B78CABEFACE2}	Water and sanitation indicators for the seven districts in coast province in 2002
Table	Harmful algae	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={9FE1CE23-3132-7E45-2D8C-5AF170A43F97}	Potentially harmful algal species encountered in Shimoni- Vanga area
Table	Heavy metals	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={79C03C17-DA9D-0011-95ED-2D7559E1F65D}	Concentrations of Cu, Zn, Cd, Pb ($\mu\text{g g}^{-1}$ dry wt) and Fe (mg g^{-1} dry wt) in sediments
Table	Heavy metals	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={19A72DCC-93F2-4182-CA50-68A57C42637A}	Concentrations of heavy metals in fish and penaeid prawns (mg kg^{-1} wet wt.)

3.4 Infrastructure

Data type	Themes	Format	Metadata record	Description
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Table	Schools	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={790F6CEF-FC0B-F571-86AB-82D0210025A5}	The data contains information on primary and secondary schools in Coast Province. The following parameters are covered: NAME OF SCHOOL, District, CATEGORY, SCHOOL ADDRESS, TELEPHONE
Table	Processing & Manufacturing Industries		http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={0893B3A5-AF1D-692F-4D2A-091F77B999A0}	Data contains types of industries, products and by-products including:- Industrial, District, No of plants, Unit, Annual production of by-products

4.1 Small-Scale Fisheries

Data type	Themes	Format	Metadata record	Description
Table	Fish landings	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={67FD248E-EC67-3052-8DC0-9D7C6976444F}	A table presented to show the total landings in Kenyan waters, fresh water and marine

4.2 Tourism

Data type	Themes	Format	Metadata record	Description
Table	Hotels	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={85A2A701-C42F-97AC-D81F-9827F00DBBA9}	The table contains a list of tourist hotels along the entire coast of Kenya

4.5 Agriculture and forestry

Data type	Themes	Format	Metadata record	Description
Table	Ranches	Xls	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={42A4FE35-4730-7998-4EFA-B97566A7447B}	The data contains information on ranches including name, hectares, district and type

4.5 Energy

Data type	Themes	Format	Metadata record	Description
Table	Petroleum	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={14887ADE-F62C-861D-2FE5-82224665CF05}	Data presents information on imports of crude oil and petroleum imports in 1988 - 1992
Table	Petroleum	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={C98D67EB-8735-9847-AAE2-7E254A1B64D6}	Data contains information on petroleum demand in thousands of tonnes for various products

4.6 Ports and coastal transport

Data type	Themes	Format	Metadata record	Description
Table	Sea Ports	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={DDAB4C73-B8A0-7BF2-0ED3-D3631347B7E9}	The data contains information on activities of the small ports - Lamu, Kilifi, Malindi and Shimoni. Passengers, cargo, vessels and revenues ranging from 1986 to 1991
Table	Roads	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={C0D7BF18-9787-2D57-D8AB-487B0ED646C4}	Data contains information about roads in Coast Province for classes A-R in terms kilometers
Table	Ports	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={DE710506-9B41-E837-FA27-288E62776E76}	Data contains information on Berthing Tugs, Lighter & Towing Tugs etc, in operation
Table	Ports	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={17DE9C6B-7B2E-F5F6-E026-26F6E4510AF5}	Shipping, passenger and cargo dealt with at the port of Mombasa 1990/91 compared with 1989/90

6.1 National disaster management plans

Data type	Themes	Format	Metadata record	Description
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6.2 Environmental sensitivity mapping

Data type	Themes	Format	Metadata record	Description
Map	Sensitivity mapping	Pdf	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={F1A92970-60B2-0AF0-6DF5-	Sensitivity maps in GIS data and produced as hard copy and digital PDF files

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6.3 Coastal management/development plans

Data type	Themes	Format	Metadata record	Description
Table	Land use	text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={E389C031-25D0-8347-95F2-97F79BC394EA}	Land use changes in Kisauni Division, Mombasa Kenya
Table	Land use	text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={64DDD1D0-424A-F0C3-575E-9B9A6F9BAFD0}	Land use Changes in Diani-Chale, Msambweni District, 1960-2000

6.4 Areas under special management

Data type	Themes	Format	Metadata record	Description
Table	Marine Parks	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={F1EF5891-77C0-C41A-FBB9-818DE3C59771}	Marine parks and reserves in Kenya, their sizes and the year they were gazetted

6.5 Monitoring, Control and Surveillance

Data type	Themes	Format	Metadata record	Description
Table	Patrol Boats	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={D6277F7E-B0A7-DDB3-A81E-0BAC0AF7F984}	An analysis of the hiring cost compared to procurement of patrol boats
Table	Sea Patrols	Text	http://41.206.59.34/Portal/DiscoveryServlet?command=viewdetails&uuid={F04351F8-39B1-0038-A9E6-BABBA54CD01C}	Sea Patrols carried out in Mombasa District June 2005 to June 2009