

The GIS Project for the Geologic Assessment of Undiscovered Oil and Gas Resources of the Sub-Saharan Region, Africa

By GIS Spatial Data Team



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Chapter 16 of

Geologic Assessment of Undiscovered Hydrocarbon Resources of Sub-Saharan Africa

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Figure

1. Map showing continent of Africa1

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A geographic information system (GIS) focusing on the sub-Saharan region, Africa was developed as a visual-analysis tool for the U.S. Geological Survey's 2014 assessment of undiscovered, technically recoverable oil and natural gas resources in the sub-Saharan region, Africa. The Central Energy Resources Science Center of the U.S. Geological Survey has also developed an Internet Map Service to deliver the GIS data to the public. This mapping tool utilizes information from a database about the oil and natural gas endowment of the world—including physical locations of geologic and geographic data—and converts the data into visual layers. Portrayal and analysis of geologic features on an interactive map provide an excellent tool for understanding international oil and gas resources for strategic planning of economic and energy policies. Assessment results can be viewed and analyzed or downloaded from the Internet Web site.

Click on the map below to access the Sub-Saharan region, Africa Internet Map Service.



Figure 1. Africa.

The spatial data that formed the basis of the GIS for the sub-Saharan region, Africa are provided online at the USGS World Petroleum Assessment web site (WEP Online: <http://energy.usgs.gov/OilGas/AssessmentsData/WorldPetroleumAssessment.aspx>).



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