Shoreline Classification Manual, Lake Victoria, Vector Line, ~2017

Reference Information and Units:

Projection: African Lambert Conformal Conic

ESRI: 102024 (https://epsg.io/102024)

GCS: GCS_WGS_1984

File Naming Convention:

Shoreline_Classification_Manual.shp

Data Origin:

The high Resolution Lake Victoria shoreline (vector line) was used as the basis of this shoreline. More information regarding the Lake Victoria shoreline can be found in its metadata pdf.

Data Development:

This is the high-resolution shoreline broken into segments 7749 segments of which many are 1 km. Many segments (the end last shoreline segment of an island for example, islands with less than 1km of shoreline) may be shorter than 1 km. Each of the segments is then classified by examining the historic set of admiralty maps, Google imagery, Bing imagery, and rapid eye imagery. Only sand is derived from imagery. From the admiralty maps we delineate shorelines that contain:

a33 Marsh, Swamp, Salt Marsh

a20 River, stream

a21 intermittent River

a3 Steep coast, Cliffs

a6 Sandy shore

a7 Stony Shore, Shingly Shore

a8 Sandhills, Dunes

k1 Rocky Outcrop

k2 Other Outcrops

sand sandy shoreline

Additional field information can be found in the attached excel sheet

If a segment contains above it is given a Value = 1. If any of the above is not present then it has a Value = 0. Classification was conducted purely by manual visual interpretation in this product. It was conducted by graduate student Vogt and the QA/QC was conducted by Hamilton. Some wetlands could have been drained in this time.