

Namibia – Hake commercial trawl

Commercial industry targeting hake species.

Base data source:

Data collated by Dr Carola Kirchner as part of the current project from information collected and held by NatMIRC. Dr Paulus Kainge is acknowledged for providing the original underlying data.

Methods:

Commercial data from 1992 to 2010 are available (n=162088 trawls). Positional data using co-ordinates are provided for the first trawl of the day. All records lacking positional data were omitted. For the remaining records, the trawling time and catch (kg) were summed per individual vessel per fishing day. Data for 1997 is minimal.

Spatial summaries of total catch per 5'grid for the study period were calculated. Resultant values were normalized using the d/d80 method (d80 = 12969.89). Initial summaries showed a number of clearly incorrect locations (e.g. in shallow water or on land). Therefore, values below 0.1 were removed as it was likely that many of these were errors. This cleaned up the scatter in the dataset significantly.

Data archiving and GIS data links:

Shapefile: Namibia_Pressures_Grids.shp

Field: hake0180

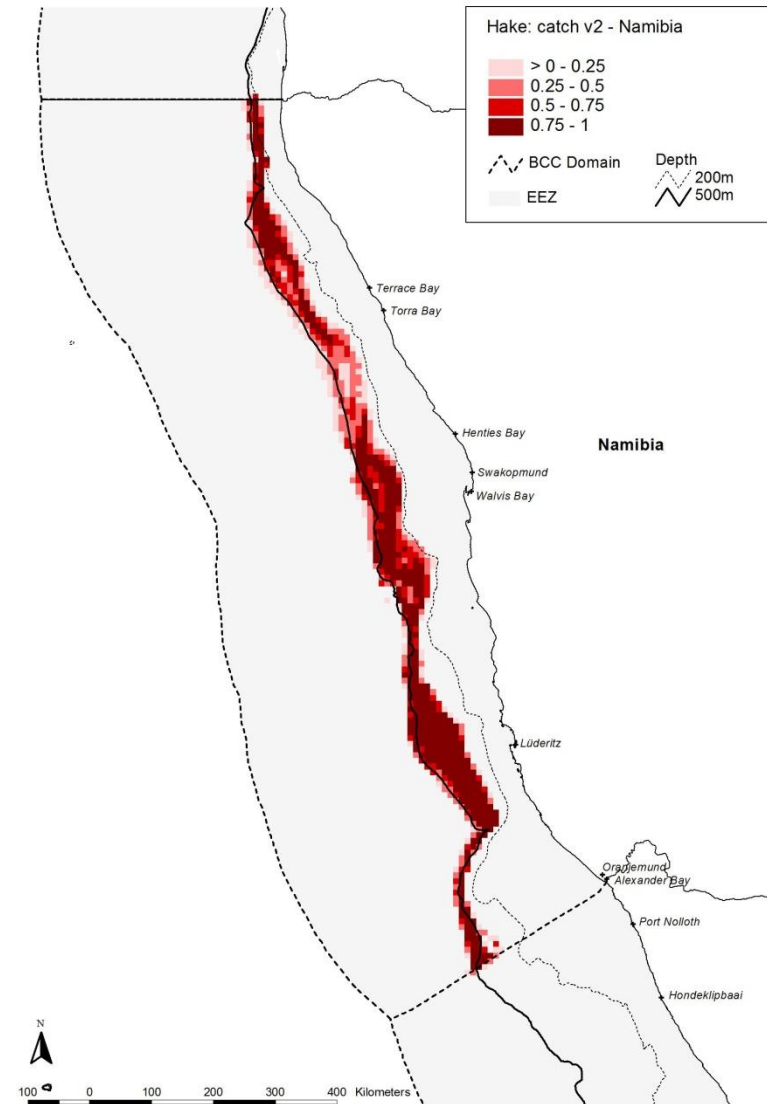


Figure 13: Namibia – Hake fishery catch.