

Namibia – Deep sea red crab fishery

Commercial industry targeting deep sea red crab using pots.

Base data source:

Data collated by Dr Carola Kirchner as part of the current project, from information held by the National Marine Information and Research Centre (NatMIRC).

Methods:

Data from 2003-2011 are used because co-ordinates are provided for fishing positions in these years. Effort is given as the number of traps set, and catch in terms of mass (kg). Spatial summaries of total effort and catch per 5' grid for the study period were calculated. Resultant values were normalized using the d/d80 method ($d80 = 43200$ for effort; $d80 = 24300$ for catch). Both catch and effort summaries were compiled, however we are using effort data only in the final analysis as this data is most comparable with the approaches taken for similar industries. Data from 1998-2002 was not used as specific fishing locations were not captured.

Data archiving and GIS data links:

Shapefile: Namibia_Pressures_Grids.shp

Field: Effort: crab_eff80; Catch: crab_catch80

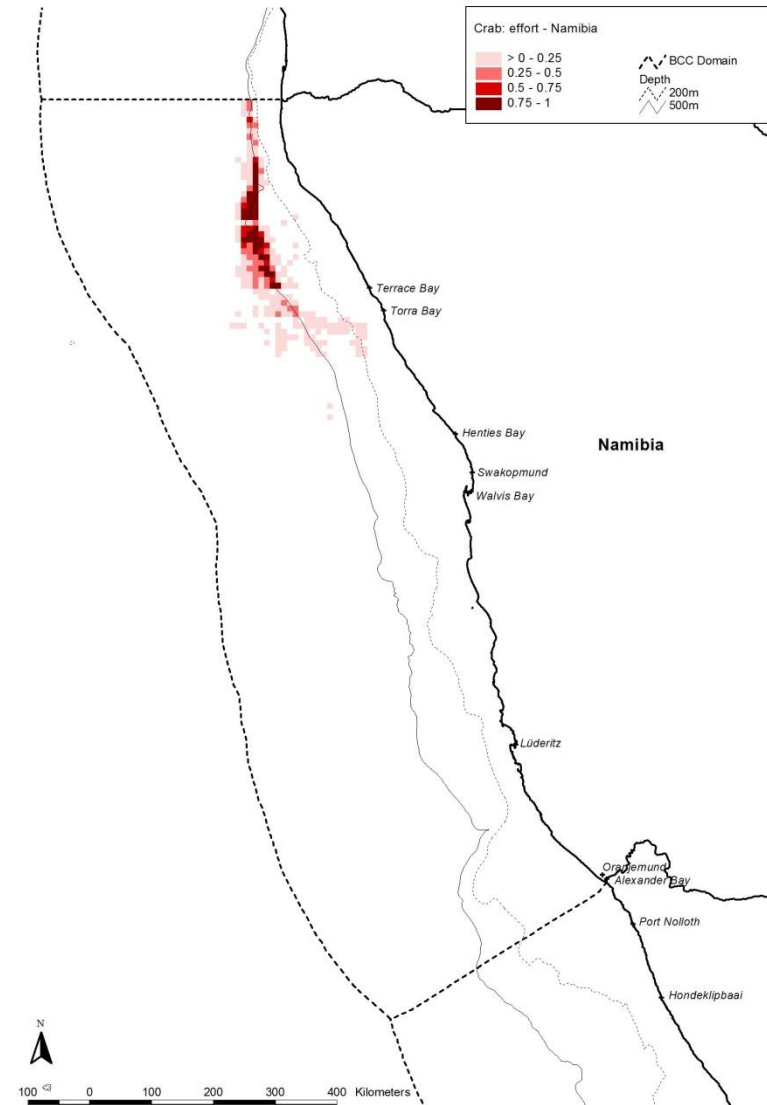


Figure 12: Namibia – Deep sea red crab fishery effort.