

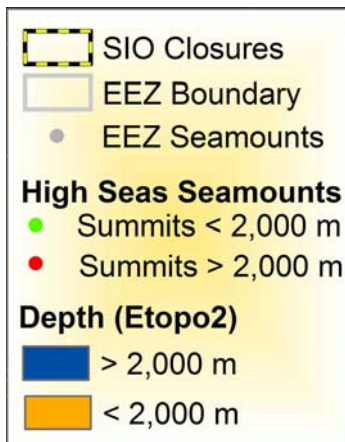
Seamount Map of the Indian Ocean

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The seamount map of the Indian Ocean shows predicted seamounts (Kitchingman and Lai 2004) and whether or not these features are fishable with current trawl technology. Fishable depths are those defined as being less than 2000 m. Depths greater than 2000 m are not fishable.

Map Legend



SIO Closures

The yellow and black lines depict the outer boundaries of the Southern Indian Ocean Deepwater Fishers' Association (SIODA) proposed Benthic Protected Areas.

EEZ Boundary and EEZ Seamounts

The solid grey line depicts the outer boundary of nations' Exclusive Economic Zones (EEZ). Grey dots contained by grey lines are seamounts within an EEZ.

High Seas Seamounts

The green and red dots are seamounts in the High Seas. Green dots are fishable with summits less than 2000 m in depth. Red dots are seamounts that are not fishable with summits greater than 2000 m in depth.

Depth (Etopo2)

Bathymetry (Depth) is coded as blue or orange. Orange areas are less than 2000 m depth and are fishable. Blue areas are greater than 2000 m and are not fishable with current technology.

Analysis

Number of fishable High Seas seamounts (green dots) in map extent: 268

Number of High Seas seamounts too deep to fish (red dots) in map extent: 935

Seamounts within SIODA proposed Benthic Protected Areas

<u>Benthic Protected Area Name</u>	<u># of Fishable Seamounts</u>	<u># of Seamounts not fishable</u>
Mid Indian Ridge	7	14
Agulhas Plateau	1	1
Walters Shoal	0	0
Coral	4	0
South Indian Ridge	0	0
Atlantis Bank	1	6
Bridle	1	0
Gulden	0	0
Rusky	0	0
Fools Flat	0	0
East Broken Ridge	1	3
Total	15	24

Based on the statistics above, one can see that 268 seamounts are fishable within the map extent. The SIODA proposed BPAs contain 15 fishable seamounts, which is 6% of the total fishable seamounts within the map extent.

