GLOBALLY

Resources for further information

This brochure was designed as part of the

WWF C.A.P.E. Marine Programme Awareness Raising Strategy,

with local input from the Garden Route National Park,

MARINE

ww

WE ARE EATING ALL THE FISH

"Overall, **80 percent** of the **world fish stocks** are reported as **fully exploited** or **overexploited**."

World Review of Fisheries and Aquaculture, 2008
United Nations Food and Agriculture Organisation

20

% 60 ·

80 -

90 -

"The current global trend is a serious concern: it projects **the collapse of all species of wild seafood** that are currently fished by **the year 2050**."

Press Release: National Science Foundation Science 3 November 2006: 787-790

Global fisheries data 1950 - 2003

Global Loss of Seafood Species.

Data based on United Nations Food and

Agriculture Organisation database

Projected long-term

MARINE PROTECTED AREAS (MPA's)

MPA's are one way in which marine ecosystems are protected, allowing a safe habitat for marine life to breed and **providing a sustainable supply of fish** for the present and the future.

In 2009 only 0.6% of the global ocean has protection as marine protected areas, while it is estimated that 20% to 30% needs

to be protected for the ocean ecosystem to sustain itself. Coastal areas account for 90% of the global fish breeding grounds, and are some of the best places for MPA's to be effective.

Benefits of Marine Protected Areas (MPA's):

- 1) Support sustainable fisheries management.
- 2) Maintain ecosystem functioning, resilience and biodiversity.
- 3) Conserve species and their habitats.
- 4) Provide research opportunities.
- 5) Maintain ocean health which reduces global warming.

HERE'S WHAT YOU CAN DO NOW TO HELP RESTORE LIFE TO THE OCEAN

Think globally and act locally. Join the global movement to restore the world's fish. Use this guide to gain knowledge about your nearest MPA's.

If you are a fisher, **abide by the fishing and bait collection regulations**, ensure that you have the required permits and make sure your catch is within the bag and size limits. Regulations protect our coastal resources.

 $\textbf{Support sustainable fishing.} \ \ \textbf{Take only what you need, and help keep our coastlines clean.}$

Only eat sustainable **green** fish. Use the SASSI consumer's seafood guide in this brochure to **make an informed choice** about the fish you eat. Eating locally caught fish helps to ensure that subsistence fishers elsewhere in the world are not deprived of their local catch. Fish caught by bottom trawling, such as hake, sole and prawns, has a heavily destructive effect on the ocean beds.

Marine Protected Areas (MPA's) are essential to managing our ocean for the restoration of marine life.

WWF Marine Protected Areas Resource

South African Sustainable Seafood Initiative

SA Marine and Coastal Management

MPA Global Database

Sea Around Us Project

www.wwf.org.za/mpa

www.wwf.org.za/sassi

www.mcm-deat.gov.za

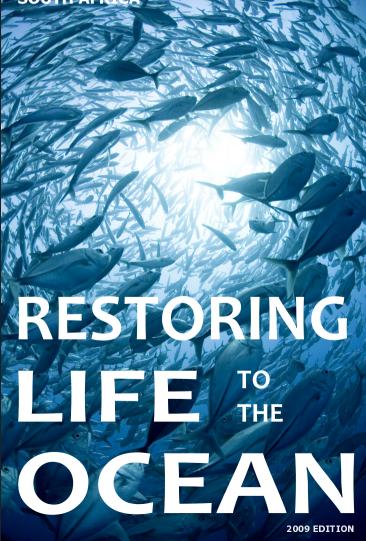
www.mpaglobal.org

www.seaaroundus.org

PROTECTED AREAS - MPA's

GARDEN ROUTE REGION





WWF C.A.P.E. MARINE PROGRAMME SASSI Consumer's Seafood Guide NOTE: All species listed as Red are illegal to buy or sell in South Africa, Some are specially protected species and others are reserved for recreational fishing only. Skates and rays GREEN - BEST CHOICE RED - NO SALE Natal wrasse (8) Springer (ten pounder) Red steenbras (copper Slingers @ Muccole Baardman (belman: Garrick (leervis) Potato hass® Stonebream Abalone - not farmed illi Anchovy Gurnard South coast rock lobster King soldierbream illi Snappers - all except river steenbras Villa Ragged tooth shark Striped cat shark (pyiam Angelfish (Atlantic pomfret) Hake (SA trawled) Octobus Squid (calamari: tiokka) Bluefin tuna 🕕 tasselfish) John Brown (Janbruin) Kin aklip ⊕ Red stumpnose (Miss Lucy) || snapper @ River bream (perch) shark) Bluefish (bluenose) Harder (mullet) - not from Oveters Steentije Carpenter (silverfish; silver) (Kabeljou; dusky, silver, Banded galjoen Kinafishes Rockcods - all except potato Sole -local 🛬 🗓 River snapper (rock salmon) West coast steenbras Blueskin (trawl soldier) Tuna - not bluefin: pole Blacktail (dassie: kolstert) Knife law. Cape and estuaries Panga Dageraadille and squaretail kobs) and brindle bassilli Swordfish (III) Elf (shad) - no sale in KZNIII Langoustines - local trawled Roman (red roman)) Sawfishes 🕲 White musselcracker Horse mackerel Queen mackerel (Natal caught is better Blue hottentot Brindle bass @ Natal (cuckoo bass: kraaibek South African West coast rock lobster (west Seventy-four @ (brusher: cracker) (maashanker) Butterfish en nok) Englishman di Marlins 🙉 Bronze bream Large-spot pompano Scotsmanil Hottentot Sand soldier (red tior-tior) coast cravfish) Poenskop (black Cape stumpnose (moony: wave garrick) Southern pompano White steenbras (pignose Seafood Initiative Chuh mackerel (makriel) Geelbek (Cape salmon)illi Sharks - all except those on Ja cop ev er Santer (soldier) Spotted grunter (tiger) grunter) Dorado (dolphinfish: White stumpnose King mackerel (couta; cuda) musselcracker) East coast rock lobster Natal stumpnose red list @ Spotted gulley shark Sardine (Pilchard) Yellowtail Zebra (wildeperd) 23°0'0"E **KEY TO SYMBOLS** (**|**||)Rare/overfished **★**Eco-unfriendly fishery ② Limited information available Specially protected species 24°0'0"E www.wwf.org.za/sassi SOUTH AFRICA 20 Kilometers 30 23°0'0"E 24°0'0"E GOUKAMMA MPA **ROBBERG MPA** TSITSIKAMMA MPA MARINE AREAS IN THE GARDEN ROUTE **PROTECTION STATUS OF AREA CONTROLLED ZONE CONTROLLED ZONE CONTROLLED ZONE NO-TAKE ZONE EXTENT OF AREA** Tsitsikamma MPA is the area contained Marine areas in the Garden Route are Goukamma MPA is the area between Robberg MPA is the rectangular area The De Vasselot Section is the area within the following GPS co-ordinates: portion 1 of the farm Walker's Point at surrounding Robberg peninsula, contained between Grootbank and Groot River, designated into three zones according The Controlled and No-Take Zones are 33°59,000'S 23°34.561'E to their protection status. Buffel's Bay and the western boundary of within the following GPS co-ordinates: extending 0.5 (a half) nautical miles from located within specific boundaries, given 34°03.600'S 24°11.665'E the Goukamma Nature Reserve, extending the high water mark. by the following descriptions or 23°22.300'E 34°06.600'S 24°11.665'E 34°04.916'S Goukamma and Robberg Marine Protected 1 (one) nautical mile seawards from the GPS co-ordinates. 34°04.916'S 23°25.967'E 34°01.817'S 23°38.857'E Areas (MPA's) are Controlled Z high water mark. 34°07.663'S 23°25.967'E 33°59,317'S 23°38.857'E Tsitsikamma marine area is split into the De **MARINE ACTIVITIES TABLE** 34°07,663'S 23°22,300'E 33°59,500'S 23°34.561'E Vasselot Section Controlled Zone and the CONSUMPTIVE USE Tsitsikamma Marine Protected Area (MPA) Shoreline fishing 1. No fishing is allowed No consumptive use is No-Take Zone. The Marine Activities Table Boat-based fishing x between the Goukamma x allowed within the indicates which activities are permitted (</) Spear fishing х River Mouth and х Tsitsikamma MPA. and which are not permitted (x) in each area. Bait collection χ ^{2.} Platbank parking lot x x Small-scale commercial fishing between sunset and х х x The remaining marine area is designated as Large-scale commercial fishing sunrise х х an Open Zone, and fishing and bait-NON-CONSUMPTIVE USE collection activities are allowed with a Jet-skiing х х 2. No bait collection is 4. Boat-based dolphin Boat-based whale, 8. Boats and yachts may permit. Fishing and bait collection permits Boat-based whale watching х allowed within the MPA and seal watching dolphin and seal only use the are available from your nearest Post Office. Boat-based dolphin watching √3. √ 4. √ 6. including the Goukamma х conducted by a watching conducted by Tsitsikamma MPA as a Boat-based seal watching √3. River Mouth and estuary √^{4.} commercially permitted √ 6. commercially permitted thoroughfare and all See the latest Marine and Coastal Motorised boating √5. fishing tackle and diving operator only. operator only. √ 8. ✓

3. Boat-based whale.

watching conducted by a

commercially permitted

dolphin and seal

operator only.

CapeNature Goukamma: 044 - 383 0042

√^{5.}

√ 5.

5. Boats and yachts may

only use the Robberg

MPA for thoroughfare

and mooring.

CapeNature Robberg: 044 - 533 2125

√ 8.

7. Re∞mmended that al

water-based activities be

conducted in areas

manned by lifeguards.

/7.

√ ^{7.}

SANParks De Vasselot: 044 - 531 6792

gear is to be stowed

9. Activity regulated and

permitted by SANParks

in restricted areas only

during transit

SANParks Tsitsikamma: 042 - 281 1607

Contact details for MCM Knysna: Tel: 044 - 382 1938 (office hours) Email: knysna@deat.gov.za

Management (MCM) Marine Recreational

Activity Information Brochure for specific

information concerning permissible fish and

bait species, catch sizes and bag limits.

Sailing

Diving

Mooring

Paddling

Surfing

Swimming

OFFICE CONTACT NUMBERS