

Sustainable Fisheries: Bridging the Gap between Legislation and Implementation

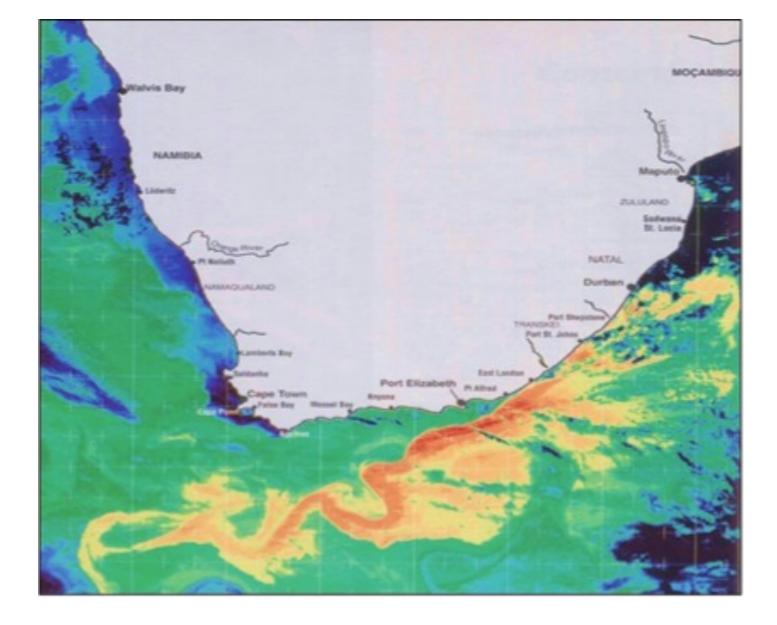
Danai J. Tembo

## NELSON MANDELA

UNIVERSITY



Satellite image of South Africa illustrating the major ocean currents and associated water temperatures (<u>https://capeinfo.com/</u>).







Source: raggycharters.co.za





Source: Mark Addison





Source: raggycharters.co.za



Source: raggycharters.co.za

Source: luximer.com

Fichory	Stock Status							
Fishery	2010	2012	2014	2016	2020	2023		
Abalone								
Agulhas sole								
Cape hakes								
Cape horse mackerel								
Kingklip	Not reported	Not Reported	Not reported					
Linefish								
Netfish								
Oysters								
Patagonian toothfish								
Prawns						Not reported		
Seaweeds								
Sharks								
Small invertebrates and new fisheries								
Small pelagic fishes								
South Coast rock lobster								
Squid								
Tuna and swordfish								
West Coast rock lobster								
Unknown	Abundant	Optimal		Heavily depleted	Summary of sto recognised fishe (Adapted from I	eries		
		STOCK STATUS			2016 & DFFE, 2			

EnviroLeg cc

MARINE LIVING RESOURCES

#### MARINE LIVING RESOURCES ACT NO. 18 OF 1998

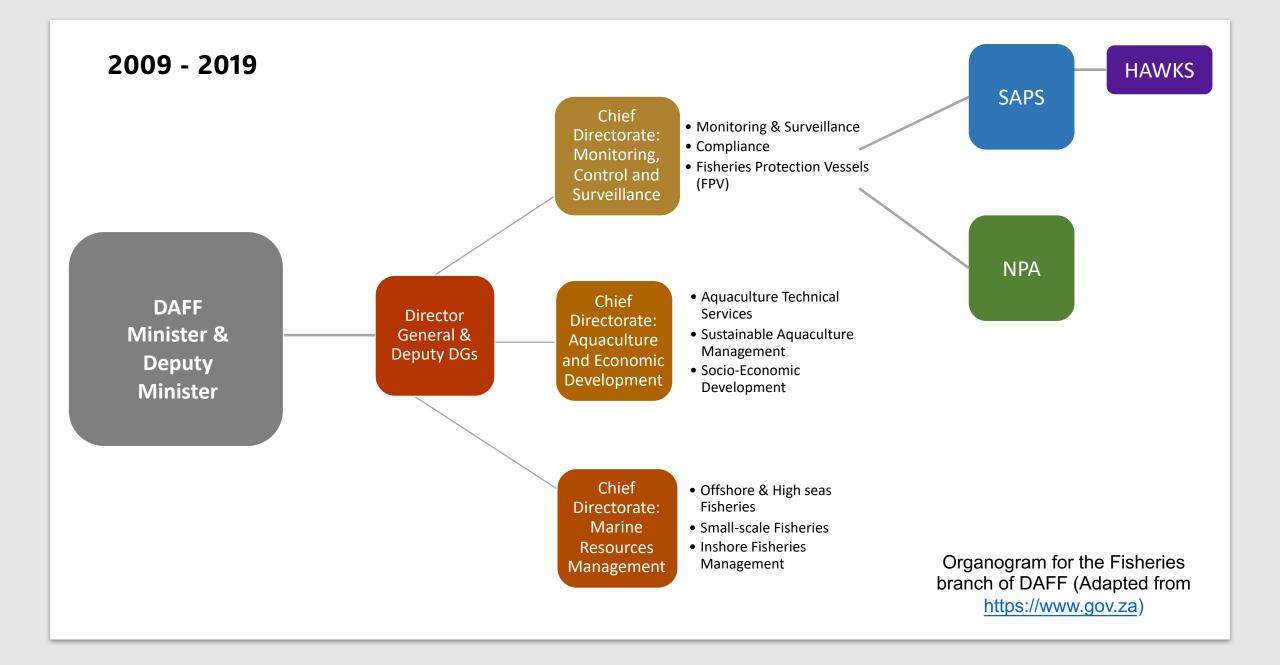
Assented to: 21 May 1998

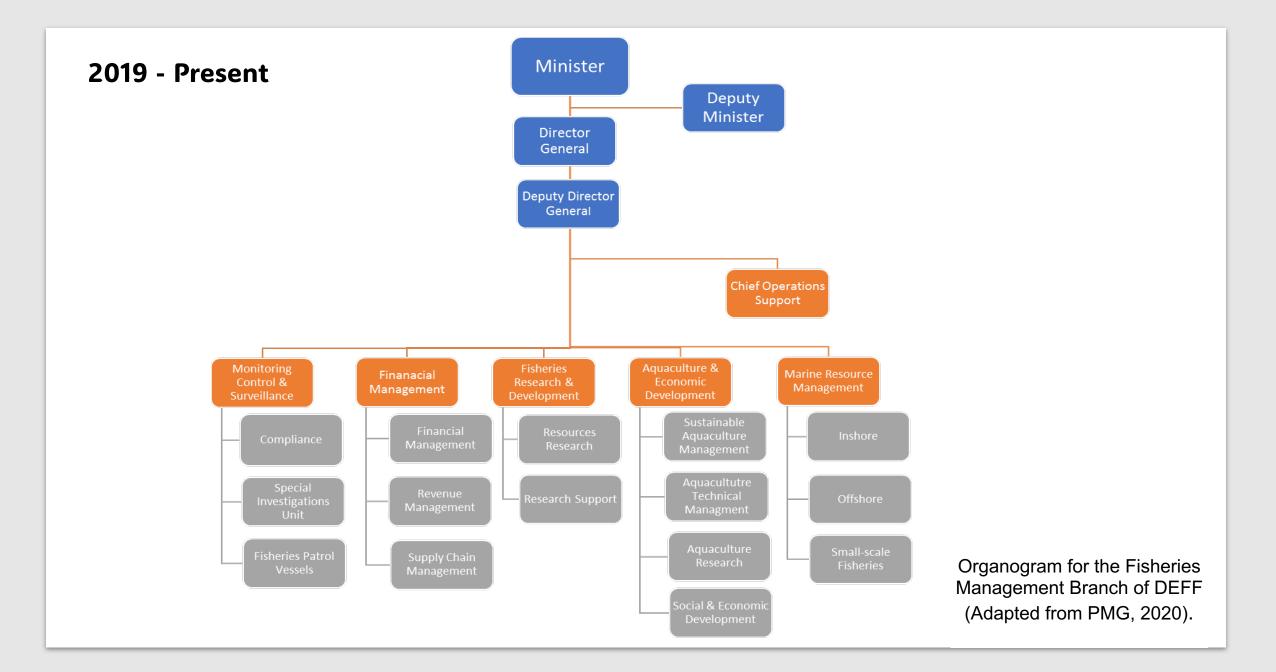
Date of commencement: 1 September 1998

ACT

To provide for the conservation of the marine ecosystem, the long-term sustainable utilisation of marine living resources and the orderly access to exploitation, utilisation and protection of certain marine living resources; and for these purposes to provide for the exercise of control over marine living resources in a fair and equitable manner to the benefit of all the citizens of South Africa; and to provide for matters connected therewith.

Act p 1







### **ALTERNATIVE?**







Source: Dark Water Ops (2018)

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		STOCK STATUS			2016 & DFFE, 2			



How do we do this?



So, we can avoid this?

Fichery	Stock Status		
Fishery	Future Date		
Abalone			
Agulhas sole			
Cape hakes			
Cape horse mackerel			
Kingklip			
Linefish			
Netfish			
Oysters			
Patagonian toothfish			
Prawns			
Seaweeds			
Sharks			
Small invertebrates and new fisheries			
Small pelagic fishes			
South Coast rock lobster			
Squid			
Tuna and swordfish			
West Coast rock lobster			

#### And work toward this?

# THANK YOU



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A UN Ocean Decade Event



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Yokohama, Japan

Marine Socio-Ecological Systems Symposium



UNIVERSITY