



Socioeconomic Importance of Small Pelagics in livelihoods of fisheries communities in Northwest Africa

By:

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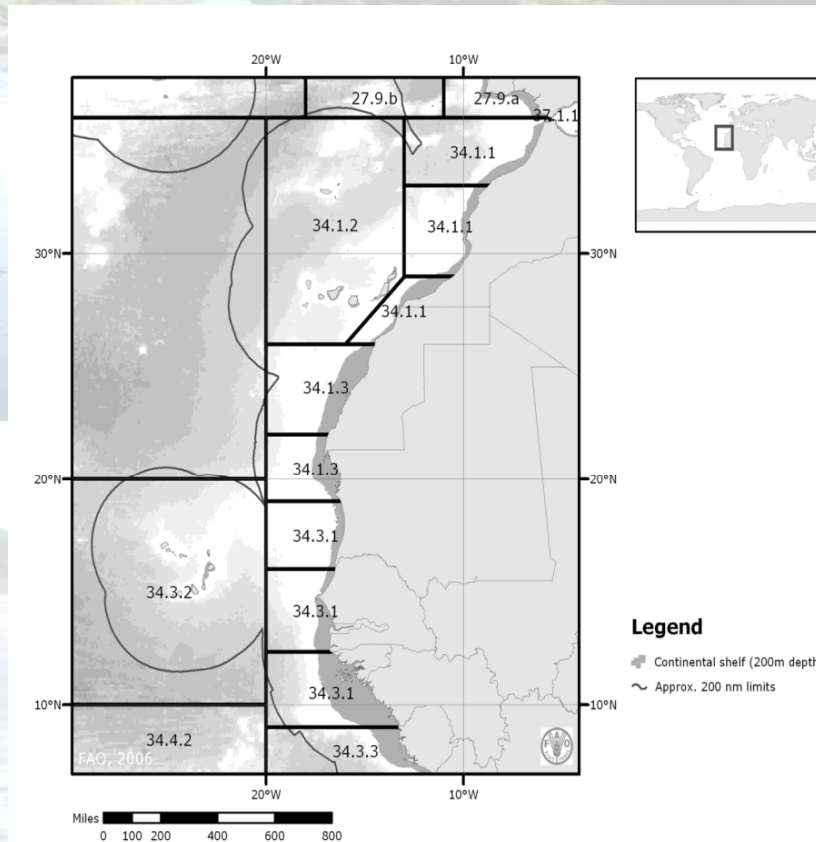
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Background of Study Area



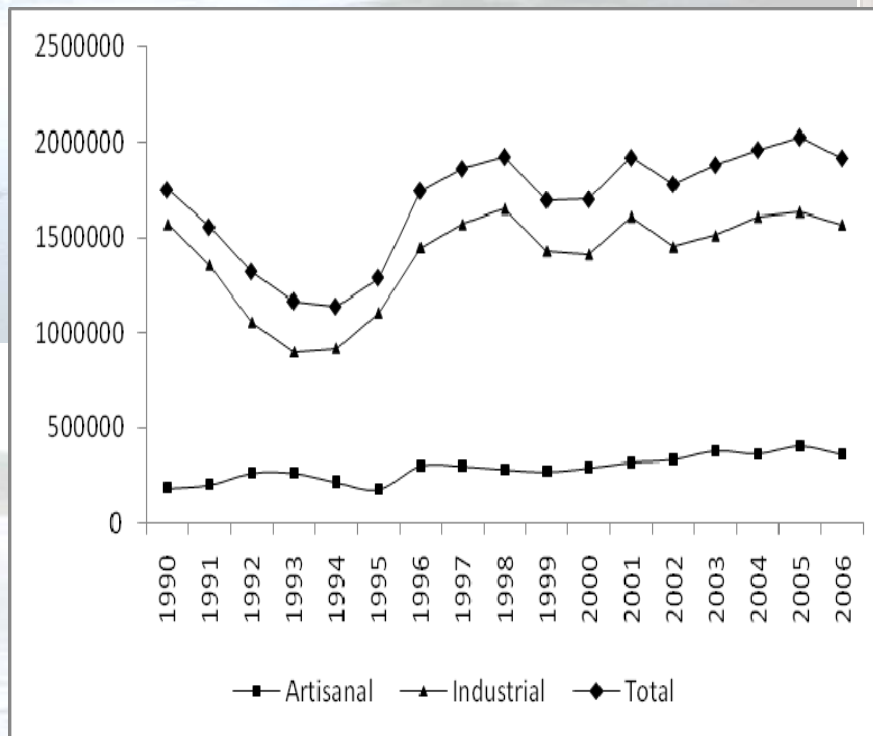
- The Northwest Africa subregion (Morocco, Mauritania, Senegal and The Gambia)
- Very productive Canary Current Ecosystem
- Characterized by an active upwelling system
- The CCE supports very important small pelagic resources and a socially and economically viable fishery
- Fishing is a tradition and social and economic activity in the subregion.
- The small pelagic fishes constitute vital renewable natural resources

Small Pelagic Fishery



- Artisanal and industrial fleet target SP in the subregion;
- SP fishery is a multifaceted activity with several interactive jobs
 - From production, marketing, processing and distribution
- A source of wealth and well-being for many
- Potential to knit cohesive and harmonious societies
 - through interaction, intermarriage, etc.

Characteristics of catches



- Total Sub-region SP catches -1.91 million tonnes in 2006
- Artisanal catches - dominated by sardinellas and bonga
- Five years average - Artisanal: 304 500 tonnes (Sardinella) and 36 600 tonnes (Bonga) (FAO, 2007)
- Bulk landed by **Senegalese (91 % Sardinella)** and **Gambian (60 % Bonga)** artisanal fishermen

Utilization



- SP are consumed fresh or processed within and outside the subregion.
- Fish consumption in many households is dictated by preference and availability of alternative cheap animal protein source
- SP are major source of animal protein for the coastal and rural populations
 - due to unavailability and high price of the demersal fish
- The amount of fresh fish consumed depends on the area and the distance
- Cities and towns further away from the fishing sites buy processed products in various forms according to their preferences.

Impact:- Population and Employment



Country	Population(million)	Labour Force (million)
Morocco	33.7	11.35 (2007)
Mauritania (IRM)	3.27	0.79 (2001)
Senegal	12.5	4.,85 (2007)
The Gambia	1.6	0.40 (1996)
Total	51.07	17.39

Source: CIA, 2008

Population estimates for Morocco, Mauritania, Senegal, The Gambia was 51 million in 2007

Employment by the Fisheries Sector

Fisheries Sector - Employment ('000)					
Country	Direct	Indirect	Direct Artisanal	Total	Source
Morocco	176	270	65	511	FAO, 2008
Mauritania (IRM)	15.48	20.54	11.16	47.18	FAO, 2008
Senegal	100	600	90	790	UNEP, 2002
Gambia	8.304	30	6.104	44.408	FD, 2008
Total	299.784	920.54	172.264	1392.588	

Bonga Fishing boat



Fish Landing



Fish to smoke house



Beach auction/sale



Modified Smoking ovens



Smoke-dried product



Cultural integration



Thank you for your ATTENTION



SMALL PELAGICS FOR WEALTH AND WELL-BEING