Impacts	Issues	Immediate Causes	Sectors/Activities	Root Causes
Environmental 4				Need for adequate returns on the
Changes in shelf community structure	Unsustainable fishing	Harvesting of shrimp and ground fish beyond	Agriculture	capital investments in the shrimp
Reduction in ecosystem resilience	•	sustainable levels	Aquaculture	— Poverty
Reduced abundance and changes in size composition		Overcapacity in the industrial shrimp fishery and open access, multi-	Industry	Open access nature of small scale fisheries
Decline in biodiversity from IUU fishing		gear artisanal fishery	Industry	Lack of political will
Habitat degradation		Multispecies nature of the fisheries	Fisheries -	Vulnerability to global market
Changes in trophic structure of fish populations		Non-selective fishing gear		Inadequate institutional arrangements and capacity
Decreased level of mangrove and other critical habitats		Indirect fishing effort by the shrimp trawl fisheries on groundfish species		Inadequateinter-sectoral and ICZM planning
Excessive by-catch and discards		IUU fishing from both national and foreign fishers		Lack of shared vision on sustainability for the fisheries ecosystem
Socio-economic -		national and loreign issuers		Insufficient consensus in the use
Reduced food security		Ghost fishing		and management of shared
Erosion of sustainable livelihoods		Illegal harvesting of turtles		Insufficient stakeholder involvement and public awareness
Loss of employment and earnings for coastal communities		Habitat degradation from near shore trawling	_	Knowledge deficiencies
Health-related risks from unsafe fishing		near snore trawting		Inadequate application of precautionary principle
Increased operational expense due to increasing distance to fish offshore		Destruction of juvenile ground fish by Chinese seines and pin seines	_	Population growth and increasing demand for food
Increased conflict between fishermen and other stakeholders		Clearing of coastal		— Fisheries are not given priority
Increased cost of enforcement due to IUU fishing		wetlands for agriculture, aquaculture development activities	-	Lack of EEZ boundary delimitation
Loss of competitive edge in global marketplace; reduced foreign earnings		activities		Excessive nationalism
Loss of shoreline protection services	_			Influence of cultural practices and traditions
(+)Opportunities for alternative livelihoods		Causal chain diagram illustra	Unwillingness of some fishers to consider alternative employment	
Increase in crime		unsustainable fishing of the Continental Shelf Ecosystem, with examples of root causes and impacts		Lack of training opportunities for
Emigration from rural communities		impucts		alternative employment