



EAF Tool - Generic Component Lists

The list reflects the categories represented in the tool “Generic Component Trees”.

Key EAF Components	Category	Component/ Issue	Threats - Impacts
Ecological wellbeing			
Retained Species			
	Target Species		
		Species/ Stock 1 (e.g. Shrimp species 1)	e.g catches too high, effort levels, illegal fishing, catches of juveniles,
		Species 2 (e.g Shrimp species 2)	
		Etc	
	Bycatch Species/Groups		
		Species/ Group 1 (e.g crabs)	e.g. catches too high, effort levels for this more vulnerable species
		Group 2	
		Etc.	
Discarded species			
	Direct capture	Species/ Group 1(protected or threatened) - e.g. Dolphins seabirds	Eg. Capture rates too high – increase in public concern
		Species / Group 2 (not protected or threatened) e.g. trash fish	e.g. too much trash fish increases sorting time
		Etc	
	Interaction with the gear	Species / Group 1 (e.g whales)	Tangled in ropes
General Ecosystem			



Key EAF Components	Category	Component/ Issue	Threats - Impacts
	Impacts of fishing on Ecosystem Structure	Community Structure (trophic impacts)	e.g. capture level so f key species too high, discarding levels too high
		Ghost Fishing	e.g.
		Habitat Damage	e.g. trawl damage
		Translocation	e.g. transporting invasive species on hulls
	Other impacts of fishing		
		Waste Disposal	e.g. Loss of bait bands
		Impacts on water quality	e.g. oil spills from vessels
Social and economic wellbeing			
Community Wellbeing			
	Industry – Fishing (directly employed)		
		Income	e.g. market prices too low
		Injuries	e.g. too many injuries
		Food	e.g. part of catch is important for feeding fisher families
		Conflicts	e.g. too much effort leading to disputes
		Employment	e.g fishing is a high employer of locals
		Distribution	e.g. a few fishers have most of the access
		Cultural Values (including social capital)	e.g. historic fishing methods have a high cultural value that are under threat
	Industry- Processing		
		Income	e.g wages too high;



Key EAF Components	Category	Component/ Issue	Threats - Impacts
			<i>markets variable</i>
		<i>Injuries</i>	
		<i>Employment</i>	
	Local Dependent Communities		
		<i>Food</i>	<i>e.g. increased export of product reducing local availability and prices</i>
		<i>Employment</i>	<i>e.g. fishing is a high employer of locals</i>
		<i>Cultural Values</i>	<i>e.g. increased foreign crews changing local culture</i>
National Wellbeing			
	Economic	<i>Net Economic Return</i>	<i>e.g.</i>
		<i>Subsidies</i>	<i>e.g. high subsidies are increasing effort levels</i>
		<i>Fees</i>	<i>e.g. high fees for foreign vessels are important to GDP</i>
	Social	<i>Employment</i>	<i>e.g. increased export of product reducing local availability and prices</i>
		<i>Food</i>	<i>e.g. fishing is a high employer of locals</i>
		<i>Cultural values</i>	<i>e.g. increased foreign crews changing local culture</i>
<i>Ability to achieve</i>			
Governance			
	Management		
		<i>Treaties</i>	<i>e.g. meeting international</i>



Key EAF Components	Category	Component/ Issue	Threats - Impacts
			<i>obligations</i>
		<i>Legislation</i>	<i>e.g. Old legislation needs updating</i>
		<i>Management Plan/ Policy Development</i>	<i>e.g. lack of a plan</i>
		<i>Allocation</i>	
		<i>Catch/Effort restrictions</i>	<i>e.g. no limited access arrangements</i>
		<i>Compliance</i>	<i>e.g. lack of enforcement staff</i>
		<i>Monitoring and Review</i>	<i>e.g. no monitoring system in place</i>
		<i>Human and other resources</i>	<i>e.g. too few resources to undertake necessary activities</i>
	Consultation		
		<i>Industry</i>	<i>e.g. Industry has no collective voice</i>
		<i>Community</i>	<i>e.g. no mechanism for community to input</i>
		<i>Other Govt. Agencies</i>	<i>e.g. lack of linkages with other agencies</i>
		<i>International</i>	<i>e.g.</i>
External Drivers			
	Environmental		
		<i>Oceanography</i>	<i>e.g. major current system generate annual variations in distribution of target species</i>
		<i>Pollution/ Water Quality</i>	<i>e.g. nursery areas beign affected by coastl runoff</i>
		<i>Access to fishing grounds</i>	<i>e.g. marine protected area reducing normal fishing</i>



Key EAF Components	Category	Component/ Issue	Threats - Impacts
			areas
		Habitat removal	e.g. mangrove being removed for housing development
	Economic/Social		
		Exchange rates	e.g. exchange rate variations affect profits
		Fuel Costs	e.g. increased fuel affects profits
		Market Prices	e.g. drop in market price affects profits

