Method Ma	trix page 1	FISHE Step	Need to Have Data (data that is necessary to conduct a given method) Nice to Have Data (data that can be used with the given method to answer additional questions) Data could be Need to Have or Nice to Have depending on relevant information	 Marine Protected Area must ensure habitats are comparal fished areas, appropriately de ensure efficacy in allowing st enough to infer that populatic of unfished populations. 	be appropriately cited, to be with corresponding ssigned and managed to ocks to rebuild, and old ons inside are representative	Use the answers from your sp assessment method(s) are mo Visit http://lishe.edl.org/method-matrix	becies data worksheets to determine which ost appropriate for your fishery.
Questions	How will climate change	e impact my fishery?		What is the current status of my ecos	system?		How vulnerable is my stock to
,							overnisning by my tisnery?
Relevant	Ecosystem vulnerability/resilience	Stock vulnerability/resilience to	Current level of risk facing	Current level of risk facing	General sys	tern health and / or	Relative vulnerability scores for
Information	to climate change	climate change	ecosystem from all system threats	ecosystem from fishery	resilience of	ecosystem or whole system	each stock impacted by the fishery
					/		
			Comprehensive	Ecological Risk			
Required Methods	Climate Impact Profile Template	Species Climate Vulnerability	Assessment of Risk to Ecosystems	Assessment for the Effects of Fishing	Resilience Checklist	Ecosystem Threshold Analysis for Coral Reefs	Productivity and Susceptibility Analysis
Data		Aadaamont	(CARE)	(ERAF)			
Climate Change Data							
Observed and expected system changes Observed and expected impacts of those changes	, in the second se	- X	, in the second s		, in the second se		
on system Knowledge about target species tolerance of change	6	6	6		6		
Knowledge about target species prey and habitat	6	a	6				
Social and Governance Data							
Knowledge about social system structures, capacities and norms					 Ø 		
Knowledge about governance system structures, processes and accountability measures					 		
Knowledge about scientific monitoring and adaptive management system							
Knowledge about economic system structure, diversity and flexibility							
Biological Data							
Common Life-History Characteristics			Q	Q			Q
Natural Mortality			9	?			2
Von Bertalanffy parameters			2	2			2
Catchability			Y	Y			~
Ecosystem Data Knowledge about the structure of the ecosystem							
and species community Knowledge about non-fishing activities that impact	~		Č.	Ť	2		Ĭ
the system Fishery-Dependent Data		Ť.	Ť		Ť		
Knowledge about how fishery interacts with stocks				0			
Estimated Stock Size/Depletion		 Image: A start of the start of		-	-		-
Fishery-Independent Data		-					
Scientific Survey Length Frequencies						\$	
Scientific Survey Fish Densities						•	
Scientific Survey Habitat Distribution						•	
Inside No-Take Zones/Marine Protected Areas*							
Length Frequencies						9	
Fish Densities						2	
Spatial Habitat Distribution							

Method Matrix page 2

FISHE Step

Need to Have Data (data that is necessary to conduct a given method)

 Nice to Have Data (data that can be used with the given method to answer additional questions)

* Marine Protected Area must be appropriately cited, to ensure habitats are comparable with corresponding fished areas, appropriately designed and managed to ensure efficacy in allowing stocks to rebuild, and old enough to infer that populations inside are representative of unfished populations.

** If species live >20 years, >500 fish are needed.

Use the answers from your species data worksheets to determine which assessment method(s) are most appropriate for your fishery.

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Method Matrix page 2 - inset 1

Need to Have Data (data that is necessary to conduct a given method)

FISHE Step

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Method Matrix page 2 - inset 2

Need to Have Data (data that is necessary to conduct a given method)

FISHE Step

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Method Matrix page 2 - inset 3

Need to Have Data (data that is necessary to conduct a given method)

FISHE Step

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