



Location

Country, State & City, Management Zone



Body of Water



Type of Fishery (Commercial, recreational, artisanal; near shore, off shore, or mixed)



Number of Boats



Type of Gear Used
List all gears used



Number of Fisherman



Type of Habitat



**No-take Zones/
Marine Protected Areas** (yes or no)

If yes, how many years have they been in existence? Years →

Are they well-enforced? No → Yes →



Constraints on Feasible Management Types
(e.g. Limited funding makes catch accounting impossible; Enforcement capacity too low to enforce a fishing season; etc.)



Objectives of Fishery Management

(e.g. Maximum Sustainable Yield; Maximize Economic Returns; Restore/ Protect Ecosystem; etc.) (list all that apply)

Are there trade-offs between any of those objectives? (if yes, explain)



Does your fishery target one, a few, or many species selectively (targets are caught mostly without other species) **or unselectively** (many species are harvested together)?



List Main Fished Species

	Migratory?	Long lived?	Habitat



Any other relevant information about any of the above species? Any behaviors or characteristics (e.g. spawning aggregations) that impact management?



PRE-ASSESSMENT WORKSHEET 2: | GOVERNANCE CHARACTERIZATION

Fill in this worksheet once for your fishery.

Provide a **brief history of your fishery**, making note of any changes in the type of fishing, stocks targeted, gear used, management, market for the extracted resources, etc.

Governance

Is there a system of co-management in place?

If yes, what is the structure (*local, regional, national, combinations*)?

Types of fishing restrictions in place (*e.g., limited access, spatial or temporal closures, etc.*)

Is there an enforcement system in place? If yes, describe.

What is the perceived value of this enforcement system? (*i.e. do people generally feel that this system successfully reduces or prevents violations of fishery regulations?*)

Is there a reporting system in place? If yes, describe.

When violations are observed, do people generally use the reporting system? (*Yes or No*)

Economics/ Socioeconomics

Does the fishery contribute substantially to the local, regional, and/or country economy?

List other major sources of employment/ income in the community

Cultural

What is the design of the market in which the fishery resources are sold?

Approximately how far do people travel to participate in this market?

How important is the fishery/ resource to the local culture?

NEXT: Go to Pre-Assessment Worksheet 3: DATA QUESTIONNAIRE to characterize the available data associated with your fishery.



Common Name			Scientific Name											
Threatened →			Endangered →											
No Yes			No Yes											
Gear Used (check all that apply)		Hand collection Dredge	Gillnet Hook and line	Pot or trap Seine	Other (Specify)									
Fishing Season	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Available Data											YES	NO	Length of available data in years (cell highlighted where applicable)	
Controls on Fishing Mortality	Are there catch limits in place?													
	Are there effort limits in place?													
Biological Data	Do you know natural mortality ?													
	Do you have fecundity curves ?													
	Do you know the size at maturity ?													
	Do you know the size to age relationship ?													
	Do you know the maximum size ?													
Ecosystem Data	Do you know about the makeup of your ecosystem(s) ?													
	Do you know what non-fishing activities impact your system ?													
Fishery- Dependent	Do you have a catch record ?													
	Do you record lengths of fish in the catch ?													
	If yes, how many length samples per catch (approx.)?													
	Do you record fishing effort ?													
	If yes, how is it recorded?													
	Do you know catch-per-unit-effort ?													
	Do you know fishing mortality ?													
Fishery- Independent	Do you have an estimated stock size ?													
	Do you conduct scientific fishing surveys of fish abundance that are independent of the fishery ?													
	If yes, are they random surveys?													
	Do you conduct visual census surveys of fish abundance ?													
	If yes, what methods do you use?													
	Do you record the types of habitats where different species and sizes of fish are observed during visual census surveys, or caught during scientific fishing surveys?													
	Do you record the types of habitats where different species and sizes of fish are observed during visual census surveys, or caught during scientific fishing surveys?													
Inside No-Take Zones/Marine Protected Areas	Do you conduct fishing surveys inside no-take reserves ?													
	Do you conduct visual census surveys inside no-take reserves ?													
	Do you have age/length data inside no-take reserves ?													
	Do you have visual survey fish density data ?													
	Are the habitats within the reserves similar to habitats in fished areas ?													

NEXT: Use the METHOD MATRIX to determine which assessment method(s) are most appropriate for your fishery.
Use the method matrix tab of this workbook or visit fisher.edf.org/data-center/method-matrix.

