

Rapid assessment of fish consumption

TBTI 'Fish as Food' Cluster

Background and objectives: Concerns about food security and malnutrition continue to rise globally and among communities adjacent to water bodies, whose access to resources is often not secured. Competition is prevalent, not only in terms of pressure from export markets, but also regarding food-related industries that use fish as raw materials. Likewise, the dependence of aquaculture on diet, made from wild-caught fish, fishmeal, and fish oil, adds to food security concerns. Key questions in this milieu of issues are how vulnerable small-scale fishers are to malnutrition and food insecurity, and with whom they compete in order to secure food for their families.

Critical aspects that we are interested to explore are: access, availability, and affordability of fish-as-food, and also the stability dimension, i.e., whether people in fishing communities have the flexibility to respond to variability and change in any specific fishery. The ultimate aim of this cluster is to provide evidence that: fish – and in particular small pelagics – are a critical source of nutrition for humans, and that when more fish are prioritized for local human consumption, both global food security and the sustainability of fisheries will be enhanced.

While it is difficult to assess the importance of fish-as-food without detailed studies, a rapid assessment of fish consumption may be a useful starting point. We are inviting people who have good knowledge and familiarity with the SSF to help conduct the assessment. The analysis will be global and comparative and will be weighted to reflect the level of knowledge and familiarity of the respondents.

Information obtained through this process will be compiled into TBTI e-book publication, with contributors' names appeared as the 'authors' of the individual contribution. Depending on the interest, we may have further publications in the future. This exercise is conducted as part of the Too Big To Ignore project (www.toobigtoignore.net). The completed form, as well as any questions and comments, should be sent to toobigtoignore@mun.ca.

Fish Consumption Assessment Template

Name of contributor:

Email:

Affiliation:

Country:

Roles in the small-scale fisheries (SSF):

Years working/involving/researching in SSF:

Part I: General information about SSF

INFORMATION	RESPONSE
(1) Name and type of SSF	A. SSF name: B. SSF type(s): (select ALL that apply) <input type="checkbox"/> Aquaculture <input type="checkbox"/> Recreational <input type="checkbox"/> Commercial <input type="checkbox"/> Subsistence <input type="checkbox"/> Indigenous <input type="checkbox"/> Others (specify):
(2) Location and main species	A. Location: B. Country: C. Main species:

<p>(3) Dominant ecosystems in the location</p>	<p>A. Ecosystem type(s): (select ALL that apply)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Marine <input type="checkbox"/> Freshwater <input type="checkbox"/> Brackish <p>B. Ecosystem detailed type(s): (select ALL that apply)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Archipelago <input type="checkbox"/> Beach <input type="checkbox"/> Coastal <input type="checkbox"/> Coral reef <input type="checkbox"/> Deep sea <input type="checkbox"/> Estuary <input type="checkbox"/> Fjord <input type="checkbox"/> Others (specify): <input type="checkbox"/> Intertidal <input type="checkbox"/> Lagoon <input type="checkbox"/> Lake <input type="checkbox"/> Mangrove <input type="checkbox"/> Open ocean <input type="checkbox"/> River <input type="checkbox"/> Salt marsh
<p>(4) SSF term and definition</p>	<p>A. Term(s) used to refer to SSF: (select ALL that apply)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Artisanal <input type="checkbox"/> Coastal <input type="checkbox"/> Indigenous <input type="checkbox"/> Inland <input type="checkbox"/> Inshore <input type="checkbox"/> Small boat <input type="checkbox"/> Small scale <input type="checkbox"/> Subsistence <input type="checkbox"/> Traditional <input type="checkbox"/> Others (specify): <p>B. Are small-scale fisheries defined? (select ONE only)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not explicitly <p>Provide SSF definition, if applicable:</p>

(5) Main gears type(s)	Select ALL that apply: <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> Dredge</td> <td><input type="checkbox"/> Lift net</td> </tr> <tr> <td><input type="checkbox"/> Cast net</td> <td><input type="checkbox"/> Poison/explosive</td> </tr> <tr> <td><input type="checkbox"/> Gillnet</td> <td><input type="checkbox"/> Recreational fishing gears</td> </tr> <tr> <td><input type="checkbox"/> Gleaning</td> <td><input type="checkbox"/> Seine net</td> </tr> <tr> <td><input type="checkbox"/> Harpoon</td> <td><input type="checkbox"/> Surrounding net</td> </tr> <tr> <td><input type="checkbox"/> Harvesting machines</td> <td><input type="checkbox"/> Traps</td> </tr> <tr> <td><input type="checkbox"/> Hook and line</td> <td><input type="checkbox"/> Trawls</td> </tr> <tr> <td><input type="checkbox"/> Others (specify):</td> <td></td> </tr> </table>	<input type="checkbox"/> Dredge	<input type="checkbox"/> Lift net	<input type="checkbox"/> Cast net	<input type="checkbox"/> Poison/explosive	<input type="checkbox"/> Gillnet	<input type="checkbox"/> Recreational fishing gears	<input type="checkbox"/> Gleaning	<input type="checkbox"/> Seine net	<input type="checkbox"/> Harpoon	<input type="checkbox"/> Surrounding net	<input type="checkbox"/> Harvesting machines	<input type="checkbox"/> Traps	<input type="checkbox"/> Hook and line	<input type="checkbox"/> Trawls	<input type="checkbox"/> Others (specify):	
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<input type="checkbox"/> Others (specify):																	

(6) Main vessel type(s), number(s) and engine size	<u>Type</u>	<u>Number</u>	<u>Engine (HP)</u>
(7) Number of SS fishers	A. Total number of SS fishers B. % of full-time C. % of fisher women	= = =	
(8) Number of all households and SS fishing households in the location	A. Total number of households in the location B. % of households participating in SSF	= =	

Part II: Fish consumption assessment

Instruction: Based on your knowledge of the SSF in this location, please answer the following questions related to fish consumption.

INFORMATION	RESPONSE	
<p>(9) Total catches and composition of the top THREE main species caught</p>	<p>Total annual catches:</p> <p>Main species # 1:</p> <p>Main species # 2:</p> <p>Main species # 3:</p>	<p>Amount: Kg</p> <p>% total catches:</p> <p>% total catches:</p> <p>% total catches:</p>
<p>(10) List top THREE species mostly consumed within fishing household. Put 'NONE' if nothing is retained for household consumption.</p>	<p># 1 Name:</p> <p># 2 Name:</p> <p># 3 Name:</p>	<p>% total catches:</p> <p>% total catches:</p> <p>% total catches:</p>
<p>(11) SSF catch distribution</p> <p>Approximately, the remaining of the SSF catches are distributed to:</p>	<p>a) Local markets</p> <p>b) Outside markets</p> <p>c) Non-food uses</p> <p>d) Other uses or unknown</p>	<p>a) % total catches:</p> <p>b) % total catches:</p> <p>c) % total catches:</p> <p>d) % total catches:</p>
<p>(12) In general, what determines whether catches are retained for consumption or sold? Choose all that apply.</p>	<p>Type of fish caught</p> <p>Seasonality</p> <p>Market prices and demand</p> <p>Availability of other protein sources</p> <p>Affordability of other protein</p>	<p>Comments:</p>

	sources	
<p>(13) What policies, rules and regulations ‘restrict’ small-scale fishing people from accessing fish (whether for food and/or livelihoods)?</p>		
<p>(14) What policies, rules and regulations ‘help’ increase food security for small-scale fishing people?</p>		

Key ‘food security’ issues in the area and additional comments (optional):