

# Integrating Frameworks for Fisheries Governance: A “Value-Added” Product

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# Preamble

- An 'idea' in progress;
- Arisen from a cynical viewpoint (i.e., *how many frameworks do we need anyway to address challenges and issues related to small-scale fisheries?*)
- Our intention: not reinventing the wheel, but making good use of the existing frameworks to help answer some of the fisheries problem.

# Fisheries problem take place along the fish chain



# Many frameworks have been developed to address fisheries problems



**Resilience**



**Wellbeing**

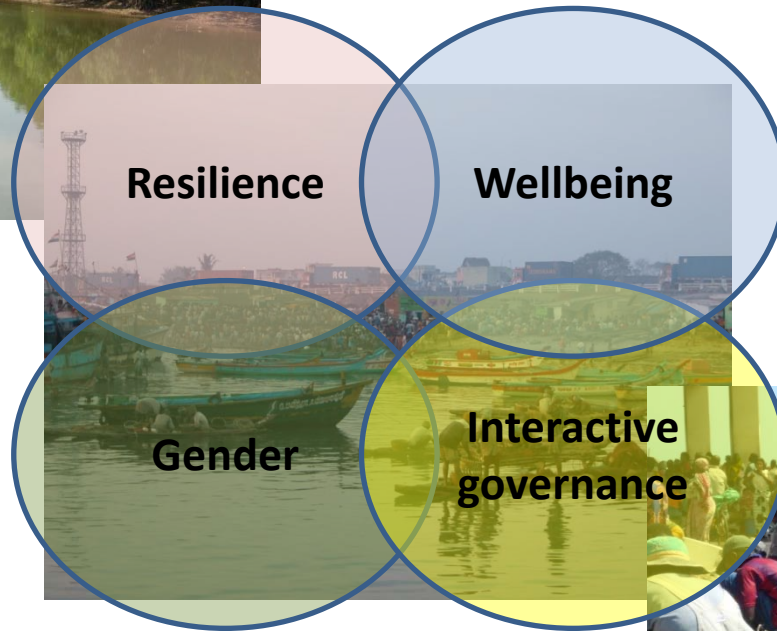


**Gender**



**Interactive  
governance**

# Can they be integrated into a 'value-added' product?



# A 'matrix-based' approach to integration

- Systematic examination of what and how the different frameworks bring to the understanding of small-scale fisheries issues:
  - What are the problems?
  - What available approaches can be used to address them?
  - What approaches should be used? In what context? Why and How?

# Fisheries as wicked problems (Jentoft and Chuenpagdee 2009)

- Rittel and Webber (1973) 'Dilemmas in a General Theory of Planning'
  - 'Social problem' (wicked) vs. 'Scientific problem' (tame)
  - Difficult to define and differentiate from other problems;
  - No formula, no stopping rule;
  - No solution, only *resolution*;
  - All problems are unique; and
  - Mistakes are costly!

# What are the 'ideal' attributes for small-scale fisheries?

- **Material success** (food security, good income, healthy assets, quality housing, etc.)
- **Job satisfaction** (meaningful employment, safe work environments, mobility, ability to cope with unforeseen threats and opportunities, etc.)
- **Social relational success** (desirable social status, freedom, supportive networks, rights, etc.)
- **Governance success** (participation in management, effective local level institution, monitoring and enforcement capacity, social welfare provision, etc.)
- **Ecological sustainability** (awareness of ecosystem limits, precautionary resource extraction, environmental-friendly technological innovations, etc.)

# Comparing 'strengths' of different approaches

	<i>Approaches</i>				
<i>Attributes (general categories)</i>	Social wellbeing	Gender	Resilience	Interactive governance	Others as relevant
<b>1. Material success</b> 1.1 1.2					
<b>2. Job satisfaction</b>					
<b>3. Social relational success</b>					
<b>4. Governance success</b>					
<b>5. Ecological sustainability</b>					

# Populating 'desirable' attributes of SSF

<i>Attributes (general categories)</i>
<b>1. Material success</b> 1.1 1.2
<b>2. Job satisfaction</b>
<b>3. Social relational success</b>
<b>4. Governance success</b>
<b>5. Ecological sustainability</b>

Allison, E. H. and F. Ellis (2001) The Livelihoods Approach and Management of Small-Scale Fisheries. *Marine Policy* 25: 377-388.

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# Scoring and weighting of the 'utility' of the different approaches in understanding key SSF issues

	<i>Approaches</i>				
<i>Attributes (general categories)</i>	Social wellbeing	Gender	Resilience	Interactive governance	Others as relevant
<b>1. Material success</b> 1.1 Food security 1.2 Quality housing 1.3 ....	√√ √√√	√√√	<div style="border: 1px solid black; background-color: #d9e1f2; padding: 10px;">           Expert judgment            Relative importance            Weighting exercise            Case studies testing and validating            Etc.         </div>		
<b>2. Job satisfaction</b>					
<b>3. Social relational success</b>					
<b>4. Governance success</b> 4.1 Participation 4.2 Welfare provision 4.3 .....	√				
<b>5. Ecological sustainability</b> 5.1 Ecosystem limits 5.2 Precautionary			√√√ √√		√√

# Final product

- A guide of some sort...
- A tool for practitioners, managers and policy makers interested in creating their own bundle of frameworks, and their associated principles and tools, to effectively deal with their specific governance problems

*Thank you for your attention.*