Rice-Fish-Water Management Opportunities for GEF-7

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Objective: Prepare YOU with the information needed to design GEF (and other!) fundable rice-fish-water management projects.
Recap: The GEF is looking for integrated landscape approaches

Source: The Little Sustainable Landscapes Book
Recap: The GEF is looking for...

1. Addressing the STAR focal areas:
   1. Biodiversity
   2. Climate change
   3. Land degradation
2. High potential/ability to generate multiple GEBs
3. Evidence of environmental threat from food production systems
4. Contribution to wider national/sub-national strategy;
5. Public sector support (policy and institutional);
Recap: The GEF is looking for...

- Potential for achieving large-scale change;
- Demonstrated commitment to engaging the private sector;
- Ability to catalyze innovations generated in technology, policy, governance, financing, and business models.
International Waters GEF opportunities

1. Coastal ecosystems - strengthening blue economy approaches
2. Areas beyond national jurisdiction (ABNJ)
3. Freshwater ecosystems - enhancing water security
1. Coastal Ecosystems and blue economy: examples

- Nutrient and plastic pollution
- Voluntary Small-Scale Fisheries Guidelines
- Fisheries supply chains
- Aquaculture
- Marine spatial planning
- Source to sea
3. Freshwater ecosystems: Enhancing water security of shared waters

- Sound data and information
- Institutional and technology innovation
- Rural and urban resilience and food security
- Disaster risk management
- Point and non-point source pollution
- Freshwater fisheries and aquaculture
- Regional and national priorities, legal and institutional mechanisms
The FAO approach to S2S

- S2S is an approach that aims to produce multiple environmental benefits along the S2S continuum
- Recognizes that agriculture and food systems are key drivers of environmental degradation across landscapes
- Uses water as an entry point for tracing ecosystem flows and developing multidisciplinary investments
- Seeks to align environmental and economic/production objectives
- Utilizes FAO’s proven tools and approaches

**ENHANCE positive flows (clean water, biota, biodiversity)**

**REDUCE negative flows (pollution, sediments, excess water)**
Source-to-sea approach to Sustainable Rice Landscapes

Rice-Fish-Water:

1. Landscape scale integrated approach
2. Enhances biodiversity on-farm, across watersheds, in coastal and marine areas
3. Addresses potential threats to successful rice-fish systems (e.g., pollution from upstream)
4. Facilitates new cooperation between water managers and farmers
5. Climate change?
Component 1: Enabling Environment: Incentives, innovative financing, sectoral coordination, policy and regulatory reviews

Component 2: Source to Sea: Natural resource management for enhanced biodiversity off-farm, upstream-downstream harmonization, irrigation performance, watershed management, green infrastructure, wetland restoration, chemicals, coastal restoration linked to the blue economy and LMEs (IW funds)

Component 3: Sustainable Rice Landscapes: Sustainable production systems, on-farm focus, rice-fish, links to green value chains, IPM, biodiversity enhancement, sustainable diversification, private sector engagement, SRP...

Component 4: Monitoring and Knowledge Management: Water and natural capital accounting, CBIT, CollectEarth, IW Learn
Maximizing leverage of non-STAR funds: an example

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>USD</th>
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<tbody>
<tr>
<td>Biodiversity</td>
<td>$2 million</td>
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<tr>
<td>Climate Change</td>
<td>$0.5 million</td>
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<tr>
<td>Land Degradation</td>
<td>$0.5 million</td>
</tr>
<tr>
<td><strong>Total STAR allocation</strong></td>
<td><strong>$3 million</strong></td>
</tr>
<tr>
<td>FSLUR (2:1 ratio)</td>
<td>$1.5 million</td>
</tr>
<tr>
<td>Chemicals (FAO leads globally)</td>
<td>$1 million</td>
</tr>
<tr>
<td>International Waters (link S2S to East Asian Seas LME)</td>
<td>$1 million</td>
</tr>
<tr>
<td>CBIT</td>
<td>$1 million</td>
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<tr>
<td>Least Developed Country Fund (LDCF)</td>
<td>$2 million</td>
</tr>
<tr>
<td>Private sector (eg. WBCSD, rice multinationals)</td>
<td>$1 million</td>
</tr>
<tr>
<td><strong>Total Project Size</strong></td>
<td><strong>$11.5 million</strong></td>
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</tbody>
</table>
Things to think about...

- Which stakeholders should be involved in project design?
- Does the project meet GEF (or other) funding criteria?
- Are there other donors available?
- What are the next steps to progress the initial project idea?