3. The what and why of EAFM?

Essential EAFM

Date • Place

Version 1
Session objectives

After this session you will be able to:

• Understand what EAFM is
• Describe the benefits of using an EAFM
• Explain how EAFM complements other approaches
• Understand the complexities of multiple societal objectives
What is EAFM

EAFM is simply the ecosystem approach (EA) applied to fisheries management (FM)

EAFM = EA + FM

i.e. a practical way to implement sustainable development and sustainably maximize the ecosystem benefits of a fishery system
3. THE WHAT AND WHY OF EAFM

EAFM

for future generations

Good Governance

Ecological Well-being

Human Well-being
3 Components of EAFM

- Ecological well-being
- Human well-being
- Good governance
The 3 components - in a fishery context

- **Ecological well-being**: e.g. healthy habitats, foodwebs, and sustainable fishing

- **Human well-being**: e.g. Increased & equitable wealth, food security and sustainable livelihoods

- **Good governance**: e.g. effective institutions and arrangements for setting and implementing rules and regulations
### EAFM builds on existing fisheries management: “the move towards EAFM”

<table>
<thead>
<tr>
<th>EXISTING</th>
<th>EAFM</th>
<th>EA/EBM</th>
</tr>
</thead>
<tbody>
<tr>
<td>• target species</td>
<td>• target and bycatch</td>
<td>• integrated management across sectors</td>
</tr>
<tr>
<td>• fish focused</td>
<td>• considers habitats</td>
<td>• multiple use management</td>
</tr>
<tr>
<td>• production driven</td>
<td>• fishery impacts on the ecosystem</td>
<td></td>
</tr>
<tr>
<td>• managed through control of fishing</td>
<td>• threats to the fishery from external factors</td>
<td></td>
</tr>
<tr>
<td>• government driven</td>
<td>• good governance/participatory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• socio-economic benefits</td>
<td></td>
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</tbody>
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Why EAFM?

- Links fisheries management across jurisdictions and boundaries
- Helps gain political and stakeholder buy-in to fisheries
- Increases support for better governance
  - Can lead to better compliance and enforcement
- Reduces conflicts, especially between different fishery sub-sectors
Why EAFM?

- Helps unlock financial resources for fisheries
  - Good planning and momentum fosters support from governments, donors and NGOs

- Helps protect the fishing sector from impacts of other users

- Protects sub-sectors from negative impacts on each other (e.g. large-scale vs small-scale)

- Promotes better communication and trust
3. THE WHAT AND WHY OF EAFM

EAFM complements other approaches

- Co-management
- Existing fisheries management
- Marine spatial planning
- Integrated coastal zone management
- EA/EBM

EAFM
Other management approaches

Co-management:
- a partnership arrangement between government and users for management (more later)
- forms part of EAFM

Integrated coastal zone management:
- an ecosystem approach to managing a coastal area
- links with EAFM in the coastal zone.
Other management approaches contd.

**Marine spatial planning:**
- planning that delineates user access based on the spatial and temporal distribution of human activities
- an important tool for EAFM (zoning)

**Marine protected areas:**
- a clearly defined area to achieve conservation of nature, with associated ecosystem services and cultural values
- another important tool for EAFM
REMBEMBER EAFM IS FINDING THE BALANCE

BALANCING HUMAN WELL-BEING AND ECOLOGICAL WELL-BEING

PROTECT ENDANGERED SPECIES
MORE MPAS
PRESERVE NATURE
STOP FISHING

MAKE ACCESS TO FISHERIES RESOURCES AVAILABLE TO ALL (OPEN ACCESS)
INCREASE PRODUCTION! MORE TECHNOLOGY!
INCREASE PROFITS AND INCOME AT ANY COST

GOOD GOVERNANCE
PARTICIPATORY DECISION MAKING
CO-MANAGEMENT
CONFLICT RESOLUTION

"We need to find the right balance."

"With the participation of stakeholders, allocate agreed areas as no-take zones to protect critical habitats."
"Limit fishing effort to match the productivity of the resource (e.g. maximum sustainable yield)."

Adapted from ICSF (2013)
Key messages

- **EAFM** is simply applying **EA** to fisheries management (**FM**) and has 3 components:
  - Ecological well-being
  - Human well-being
  - Good governance

- EAFM is all about finding the balance

- Many benefits of using an EAFM

- Builds on existing management (i.e. we move towards EAFM)

- EAFM compliments and overlaps other forms of integrated resource management (e.g. ICM)
Balancing different societal objectives

1. Read the question(s) on the cards

2. Watch the video clip and discuss the question(s) in your group

http://www.youtube.com/watch?v=Pb2EYUwOk1s