



Key accomplishments in CCM (cont')

- Universities roles in (a) building capacity, (b) research on CCM, and (c) support/partnership with CBOs and
- Funding agencies support for research, capacity building and technical assistance in CCM

- Gov't actions to support development of fisheries and fishing communities

Key challenges in CCM

- Low mobilization/participation of fishers; low-level representativeness; low leadership legitimacy
- Conflicting or overlapping gov't agencies' a Lack of effective user participation in decis
- Lack of effective user participation in decision making
 Weak communication and lack of trust among
 stakeholders
- Low research results dissemination and use in management and policies

Key challenges in CCM (cont')

- Few, or lack of, cross-scale
- of CCM processes
- Lack of flexibility and adequacy of gov't institutions

 Strict focus on fisheries development only instead of considering it within the context of sustainable territorial development
- Fund raising and better resource administration for CCM processes

Challenges vs. Accomplishments

- Experiences range from initial stage of CCM to more advanced processes; hence:
- A challenge at one site may have been overcome at another site
- Key question: what are the key challenges then?
- Analysis of emerging elements:

 - Effective user participation in CCM Capacity building for CCM

Communication, trust, partnership

- weak communication and lack of trust among stakeholders
- Few, or lack of, cross-scale dialogues and interactions
- dissemination and use in management and policies

- research network, technical assistance network
- Trust building and partnership among stakeholders
 Recognition of TEK/LEK & use in management plans

Effective participation

- participation of fishers; low-level representativeness; low-leadership legitimacy

- policies fostering user participation in CCM
- Empowerment of community-based

Capacity building CHALLENGES • Low capacity of users and gov't managers for CCM • Fund raising and better resource administration for CCM processes CCM processes ACCOMPLISHMENTS • Universities roles in (a) building capacity, (b) research on CCM, and (c) support/partnership with CBOs and Gov't • Funding agencies support to research, capacity building and technical assistance in CCM • Gov't agencies: increased capacity (staff) for CCM

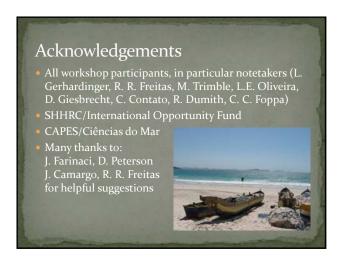






Knowledge gaps & Research opportunities (cont') Assessment of lessons learnt from existing experiences Assessment of transaction costs for CCM Assessment of communication tools/strategies for CCM New challenges in CCM: e.g., the role of global environmental changes in local CCM Social-technical innovations in CCM

Knowledge gaps & Research opportunities (cont') Others: • Key social-political conditions for CCM • Resource users practices and organization • Gender issues in knowledge • Change in coastal livelihoods • The role of education in environmental management • Multiple-uses of coastal zone • Factors fostering sustainability



Network opportunities

- Network of Graduate programs on Ocean Sciences/CAPES

- Fishing solidariety network
 Manguemar Network (fishers, NGOs, researchers)
 MOPEAR Network (fishers' network)
 National fisheries conference

- International opportunity funding SHHRC (exchange Canada/Brazil)
 WEB-based aproaches/technologies → networking graduate students; communities