

Workpackage 2 - Case study synthesis

Conceptual and technical threads

Case studies

- 12 case studies. 14 partners
- 38 regional meetings

- Diversity of proposals and scenarios
- Different scientific and management problems
- Different baselines (pre-GAP1):
 - From developing a culture of participation
 - to real participatory research

Index

- Objectives of case studies:
 - science, participation, communication
- Framework
- Role of fishers
- Methods to collect FK
- Weak points
- Intellectual property and data use
- Ongoing work for WP2

Objectives of case studies: Scope

- Specific vs. general
- Scientific vs. managerial
- New knowledge vs. new partnerships

- Artisanal vs. Industrial
- Coastal vs. Oceanic
- Scales: large (ocean basins) vs. small (costal bays, lakes)

Objectives of case studies: Topics

SCIENTIFIC

- Specific: population dynamics, fishery dynamics, stock assessment
- General: ecosystem, habitat and resource mapping and/or functioning

- Pre-defined research framework
- Discuss alternative frameworks?

Objetives of case studies: Topics

- Develop assessment methods
- Calibrate assessment methods: Data
- Calibrate models: Data, hyptheses
- Design models. Use models
- Test hypotheses about population dynamics, movements and spatial patterns
- ...

Objectives of case studies: Topics

PARTICIPATION

- Establish partnerships scientists - fishers
- Involve fishers in data collection, monitoring and/or data analysis
- Empower fishers for decision-making

Objetives of case studies: Topics

COMMUNICATION

- With fishers (scientists)
- With managers (scientists and fishers)
- With society (scientists)

Objectives of case studies: Topics

COMMUNICATION

- Changes in language:
 - need of storytelling
 - visual approaches
- Channels:
 - ICTs, Internet

Framework: Typologies of “fishers”

- Owners
- “Real” fishers (owners or not)
- Representatives (fishers or not) of fishers or owners

Framework: Relationships between scientists and fishers

- Starting to generate trust, mutual understanding and empathy
- Long-term relationships ... but (in some cases) no previous operative participative projects

Framework:

Management structures

- Centralized. Low capacity of fishers to influence decision-making
- Co-management. Fishers in management bodies and/or direct “clients” of scientists

Role of fishers

- data gathering:
 - provide “databases” (logbooks, GPS routes)
 - experience-based knowledge (qualitative)
- data analysis:
 - design models and hypothesis
 - use methods (with assistance?)
 - validate results
- decision-making

Methods to collect FK

- Mapping exercises
- Qualitative interviews (open, structured)
- Questionnaires
- Individual & collective

- Access to fishers' databases (log-books)
- Monitoring vessel activity (GPS)

Weak points

- GAP as an active network exploring opportunities and approaches for participatory research (and management)
- “Weak points” are RISKS, but also OPPORTUNITIES as topics to start discussions

Weak points

- No specific methods proposed in some cases
- Gap between ambitious objectives and undefined methodologies
- Repeating conventional approach: fishers as data providers and “sensors”

Weak points

- Lack of a time framework and/or milestones
- Sources of complimentary funding
- Financial model for continuous involvement of fishers:
 - paid participation
 - responsibility as a part of co-managing

Weak points

- New methods for “conventional” science: framework (problems, hypotheses) defined by scientists
- Participation of other stakeholders:
 - different political agendas
 - different values
- Intellectual property and data use

Intellectual property and uses of data

- No formal agreements. Few analyses of this topic
- Confidentiality? Fair use?
- Results (“knowledge”) vs Databases
- Re-use of data
- Public uses:
 - research papers
 - reports for management bodies
 - public dissemination

Ongoing work for WP2

- Final, and rapid, revision by each partner of his/her case study
- Final report:
 1. Introduction (rationale, GAP, framework)
 2. Case studies
 3. Synthesis