



Review of the social and economic implications of ecosystem based fisheries management

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Presentation Summary

- Project background
- Expected outcomes
- Findings to date
- Current activities
- Implications for management & policy
- Future plans



Project Background

- Social and economic information required for management decisions
- Implicit consideration of some issues (mostly economic) for larger fisheries
- Limited understanding of the types of economic & social information required
- Require greater understanding of methods available
- Appropriate data evaluation





Major outcomes expected

‘Review of the methods for completing social and economic assessments for the use in EBFM’

To include

- The type of social and economic information required under EBFM
- The different evaluation methods available
- Characteristics of these methods



Activities to date

- Scoping workshops (4)
- Draft documents produced (SV & JS)
- Stakeholder workshop (report completed)
- Review document (draft completed)

Social and Economic evaluation methods for Fisheries: a review of the literature

Prepared by Simon Vieira, Jacki Schirmer & Edwina Loxton



Literature Review Context

Background to social & economic evaluation methods

Description of the types of methods

Relevant examples

Summary boxes including;

- Sector relevance
- Output
- Usefulness
- Data requirements
- Relative time and cost

Example:

Non-market economic valuation (revealed preference): random utility modelling

Relevant to: Non-market users such as recreational fishers.

Output: Net economic benefits associated with a resource's use.

Usefulness: Can be compared with net economic benefits in commercial sector to make resource allocation decisions.

Data: Participation cost data (eg. travel costs), participation rates, socio-economic data relating to fishers, fishing site characteristics. Requires survey data collection.

Time/cost: High given data requirements and complex analysis.



Economic Evaluation

Net economic benefits (value) & economic efficiency

Commercial uses evaluated

- Market economic valuation techniques
- Productivity & efficiency analysis &
- Proxy economic indicators

Non-commercial

- Non market valuation techniques (TCM, RCM, CVM)

Economic impact assessment (economic linkages & bio-economic models)



Social evaluation

Study of society & relationships of individuals within a society

Social Assessment - snapshot of sector or activity

Social Impact Assessment - likely impact of a proposed change

Wide range of data collection methods used

(media analysis, document analysis, qualitative analysis, group interactions, quantitative sample surveys, demographic & other statistics, modelling and decision support systems, mixed method studies)

Management & Policy Implications

- Work in progress
- Review provides a comprehensive resource for social and economic assessment
- Workshop identified information needs from stakeholders
- Methods & resources required included in review document



Future Plans

- Seek comment on draft review document
- Publish review

- Determine social and economic objectives for EBFM
- Establish information requirements and
- Evaluation methodology

