

# Project 4.5: socio-economic implications of EBFM

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Associate Professor Malcolm Tull  
Murdoch Business School  
Murdoch University

# Outline



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- Background
- Main outputs
- Activities underway and findings to date
- Implications for management and policy- work-in-progress so not reported on
- Future plans

# Background WAMSI Node 4.5



- WAMSI Node 4.5 started in 2007
- Node 4.5 and Node 4.1 (which deals with the development of a framework for the implementation of EBFM) are closely linked
- Challenges
  - Methodological
  - Data gaps- quantitative and qualitative

# Background WAMSI Node 4.5



“Resource problems are not really environmental problems; they are human problems that we have created at many times and in many places, under a variety of political, social and economic systems.” (Ludwig, Hilborn and Walters, 1993).

# Main outputs of WAMSI Node

## 4.5



- Develop a knowledge base and protocols to assist managers to understand and assess socio-economic outcomes of fisheries management decisions
- Improve understanding of the responses of commercial and recreational fishers to management controls
- Provide local and regional information to use in the development of policy
- Improve understanding of social and economic drivers of marine ecosystem changes

# Activities underway and findings to date



- Review of methodology for social and economic assessments
  - *Social and Economic evaluation methods for Fisheries: a review of the literature* by Simon Vieira, Jacki Schirmer & Edwina Loxton
- Social and Economic methods workshop held 3-4 July 2007- proceedings being prepared by Jenny Shaw
- Modelling the behaviour of recreational fishers- commencing 2009
  - Project Leader Paul McLeod
  - Research Fellow TBA
- A pilot socio-economic assessment of commercial and recreational fisheries in the West Coast Bioregion- commencing 2009
  - Project leader Malcolm Tull
  - Research Fellow TBA
  - Dr Ben Chuwen

# Future plans



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- Progress the research according to the revised timelines
- Increase engagement with other nodes
- Maximise societal impacts of research- communication of outputs to stakeholders

# Sub-project 4.5.3: Pilot socio-economic assessment of commercial and recreational fisheries in the West Coast Bioregion



## Main planned outputs

- Development of a socio-economic database and skills in socio-economic analysis that can be applied to EBFM processes and assist in the development of integrated management policies which have community acceptance
- Provide recommendations for a long term monitoring programme to enable reporting on the level to which the socio-economic benefits and costs from the management arrangements operating within the bioregion are changing or not through time

# Sub-project 4.5.3: Pilot study on social implications



## Activities planned

- Utilise the social assessment framework (Schirmer and Casey (*Social Assessment Handbook*, 2005))
- Use quantitative and qualitative data to assess the social and economic importance of commercial and recreational fishing in the West Coast Bioregion
- Identify key stakeholders and the extent their welfare depends on fishing
- Case study of Wilson Inlet