



**Marine and Tropical Sciences Research Facility (MTSRF)
 Progress Report – Collation of Existing Data**

Project 4.8.5: Incorporating stakeholders and their values, knowledge and aspirations in the care and development of the Great Barrier Reef Marine Park

Objective 1:

Understand and document the influences of the 2003 Great Barrier Reef (GBR) Zoning Plan on use (tourism, recreation, and fishing) of the Great Barrier Reef World Heritage Area and its users.

Methodology:

Existing sources of information will be sourced, collated and analysed to predict and assess potential impacts of the 2003 GBR Zoning Plan on GBR users.

Plan:

- 1) List information sources;
- 2) Estimate detail available in each source;
- 3) Identify what we have and what we need to get – and where from; and
- 4) Read relevant reports, etc. – list information available in a table?

Data Sources:

General:

Source	Information	Status
Lahn, J., Vella, K., Innes, J. and Prideaux, B. (<i>In prep</i>). Plan for a Social, Economic and Institutional Research and Monitoring Program for the Great Barrier Reef. GBRMPA, Townsville. 98pp.	Case study (p44), which outlines studies that attempted to estimate effects of RAP prior to implementation. Points out that there is a lack of baseline data. Outlined a 5-step approach to assess the effects of rezoning after implementation.	We have this draft and each of the studies listed
Media articles	About the impacts of the Zoning Plan. Potential to outline perceived impacts and examples of actual effects?	To contact GBRMPA about media tracking history
Community consultation submissions – GBRMPA	May outline potential indicators that are likely to be affected	To contact GBRMPA
Access Economics (2005). Measuring the Economic and Financial Value of the Great Barrier Reef Marine Park. Townsville, Great Barrier Reef Marine Park Authority: 60pp	Broad economic status– James mentioned problem with these is that they cover regional catchment areas, not just reef – this was a recent change (2003?) so any increase in tourism value mostly attributable to that. Out annually (ideally).	We have 2005 report.
QRAA - http://www.qraa.qld.gov.au/	Buy-back and compensation information following RAP. How specific can we get this? Can we	Have print-outs from this site. Refers to Hunt

Source	Information	Status
	identify individual operators that were bought out – so we can survey them to ask about direct impacts of RAP?	report.
Great Barrier Reef Marine Park Authority 2003. <i>Summary report of the social and economic impacts of the rezoning of the Great Barrier Reef Marine Park</i> . Great Barrier Reef Marine Park Authority, Townsville		Have this.

Tourism operators:

Source	Information	Status
CRC Reef Tourism surveys	Various surveys. Many related to tourists rather than operators.	Have many of these. Others available on CRC Reef website.
GBRMPA permit records	Information on number of permits, turnover, areas used, etc Are there access issues?	To contact GBRMPA.
Bailey, G., Riley, D., Heaney, L., Lubulwa, M., Barry, T. and Salma, U. 2003. <i>Assessment of tourism activity in the Great Barrier Reef Marine Park Region</i> . A Report by the Bureau of Tourism Research to the Great Barrier Reef Marine Park Authority, Bureau of Tourism Research, Commonwealth of Australia, Canberra	Refers to effects of RAP	Have report.

Charter fishery:

Source	Information	Status
QRAA	Buy-back and compensation information. Unsure of level of detail available due to confidentiality issues.	To contact.
GBRMPA permit records	Information on number of permits, turnover, areas used, etc Are there access issues?	To contact GBRMPA.
DPI&F	Catch and effort information Scale and access issues?	To contact
Fenton and Marshall 2001	TRC for Charter fishery. Source of baseline data. May highlight potential indicators	Have report.

Recreational fishery:

Source	Information	Status
QRAA	Buy-back and compensation information. Unsure of level of detail available due to confidentiality issues.	To contact.
DPI&F – RFISH surveys	Catch and effort information, plus baseline demographic information. Some fishing practice information. Scale issues. Number of years pre-RAP. Awaiting post-RAP surveys.	Have previous reports. Can contact DPI&F for further detail (Len Oyott)
Sutton, S.G. 2006. <i>An Assessment of the Social Characteristics of Queensland's Recreational Fishers</i> . CRC Reef Research Centre Technical Report No. 65, CRC Reef Research Centre, Townsville.	Attitudes, beliefs, and opinions about zoning + fishing activity surveys. Some information available prior to RAP and about to be collected post-RAP (see below)	Have report and data.
CRC Reef survey (Sutton) – Understanding the effects of management changes in the Great Barrier Reef on the recreational fishing community.	Follow up from previous surveys plus specific investigation of changes since RAP.	Surveys in progress.
CapReef surveys	Surveys of fishers in Rockhampton outlining specific changes in fishing activity and locations on maps. Being extended to Townsville and Cairns.	Surveys in progress.
Hunt, C. 2005. <i>Estimating the Impact on Recreational Fishing-dependent Businesses of Great Barrier Reef Marine Park Rezoning</i> . A report for the Department of the Environment and Heritage, Canberra.	See above (general). The methodology adopted in this report is to isolate the regional impacts of the July 1, 2004 rezoning of the Great Barrier Reef Marine Park (GBRMP) by comparing the trends in recreational fishing participation and number of fishing trips in regions that do not face the GBRMP - and therefore would have been unaffected by rezoning - with those that do, i.e. Cairns, Townsville, Mackay, Rockhampton.	Have report.
Ormsby, J. 2004. <i>A review of the social, motivational and experiential characteristics of recreational anglers from Queensland and the Great Barrier Reef Region</i> . Research Publication No. 78, Great Barrier Reef Marine Park Authority, Townsville.	Probably good baseline data, along same lines as Steve's surveys	Have report.

Commercial fishery:

Source	Information	Status
DPI&F	Licence history – number per area, changes, etc. Issues of scale and access?	To contact DPI&F
QRAA	Buy-back and compensation information. See above	To contact QRAA
DPI&F – CFISH	Catch and effort information, including history and changes. Issues of scale and access?	To contact DPI&F
Fenton and Marshall report 2001	Baseline data Potential indicators to look for	Have report.
Bureau of Rural Sciences 2003. <i>Implementing the Representative Areas Program in the Great Barrier Reef Marine Park. Assessment of potential social impacts on commercial fishing and associated communities.</i> Department of Agriculture, Fisheries and Forestry, Commonwealth of Australia, Canberra.	Social impacts of RAP – unsure of detail/scale yet.	Have report.