Dugong and seagrass conservation project
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How many dugongs are there?

- Ask the fishers?
- Vessel surveys?
- Aerial surveys?
- Mark-recapture studies?
How are your dugongs doing?

• Ask the fishers?
• Conduct vessel/aerial surveys over time?
• Calf counts?
• Genetic studies?
• Health assessments?
Where are the dugong hotspots?

- Ask the fishers?
- Conduct vessel/aerial surveys?
- Satellite tracking?
- Acoustic surveys?
What are the risks to dugongs and how serious are they?

- Expert opinion?
- Carcass analysis
- Spatial risk assessment?
- Modelling?
  - Bayesian
  - PVA
  - PBR
Remember?

- Be clear about what you need to know and why?
- Good design is vital
- High tech not necessarily best
- Mortality likely more serious than disturbance or habitat loss