

| Great   |                                     | arı                 | ie  | r R    | ee          | ef N   | Ла          | rine Park – early  |
|---|-------------------------------------|---------------------|---|--------|-------------|--|-------------|--|
| Preservation Zon<br>Marine Nat Park (<br>Scientific Resear<br>Buffer Zone (trol<br>Conserv Park (lin<br>Habitat Protectio<br>General Use (rea | ('no<br>rch<br>ling<br>nite<br>n (n | tak<br>onl<br>d fi: | e')<br>y)<br>shin<br>awl  | ing)   | 4<br>0<br>0 | 0.1%<br>0.01°<br>0.1°<br>0.6%<br>15.2°<br>7.9° | %<br>%<br>% |  |
| quaculture  | Permit                              | Permit              | Permit <sup>1</sup>   | ×      | ×           | ×  | ×           | S. Pag   |
| lait netting  | ~                                   | ~                   | <ul> <li>Image: A state of the state of</li></ul> | ×      | X           | x  | ×           | (* 10) mar   |
| loating, diving, photography  | ×                                   | ×                   | ~   | 1      | ¥2          | 4  | ×           | treasure of the state of the st |
| rabbing (trapping)  | ×                                   | × .                 | ✓ 3   | ×      | ×           | ×  | ×           | - And the second second  |
| larvest fishing for aquarium fish, coral and<br>eachworm  | Permit                              | Permit              | Permit <sup>1</sup>   | ×      | ×           | ×  | ×           | AL TO  |
| larvest fishing for sea cucumber, trochus,<br>opical rock lobster   | Permit                              | Permit              | ×   | ×      | ×           | ×  | ×           | March 2 March 199  |
| imited collecting   | ×4                                  | ✓4                  | ~ 4   | ×      | ×           | ×  | ×           | 12.5   |
| imited spearfishing (snorkel only)  | ~                                   | × .                 | ×1  | ×      | ×           | ×  | ×           | E all  |
| ine fishing   | ✓ 5                                 | √ 5                 | ✓ 6   | ×      | ×           | ×  | ×           |  |
| etting (other than bait netting)  | × .                                 | × .                 | ×   | ×      | ×           | ×  | ×           | Research T   |
| esearch (other than limited impact research)  | Permit                              | Permit              | Permit  | Permit | Permit      | Permit   | Permit      | 1 See  |
| bioping (other than in a designated   | ~                                   | Permit              | Permit  | Permit | Permit      | Permit   | ×           |  |
| hipping (other than in a designated<br>hipping area)  |                                     |                     | Permit  | Permit | Permit      | Permit   | ×           |  |
| ourism program  | Permit                              | Permit              |   |        |             |  |             | Burgateg*1   |
| ourism program<br>raditional use of marine resources  | ×7                                  | ×7                  | × 7   | × 7    | ~7          | ~ 7  | ×           | Reading"   |
| hipping (other than in a designated<br>hipping area)<br>surism program<br>raditional use of matine resources<br>rawling<br>rolling            |                                     |                     |   |        | ×           | × i<br>×                                       | ×××         |  |

## Great Barrier Reef Marine Park – Representative Areas Program (RAP)

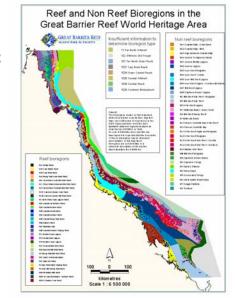
•Initial zoning based on limited information and best available science at time

•Aim to represent all bioregions in fully protected MPAs

100

CSIRO

•70 bioregions (30 reef, 40 non-reef) identified from combination of analysis and expert opinion

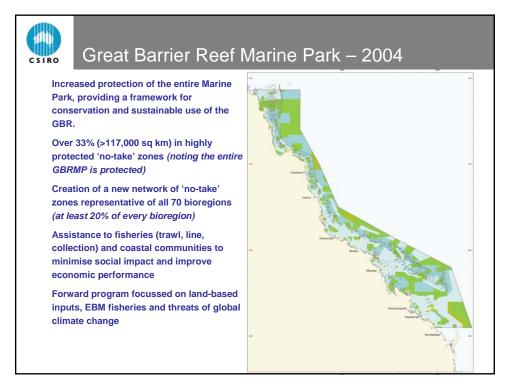




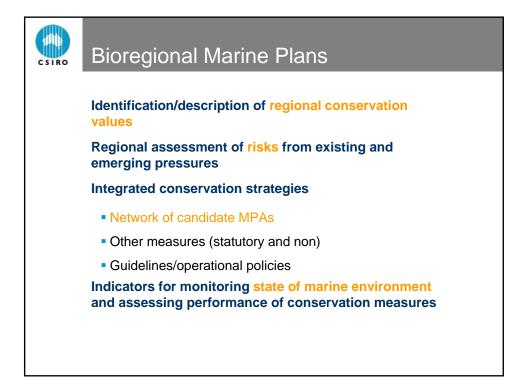
## Great Barrier Reef Marine Park – Representative Areas Program (RAP)

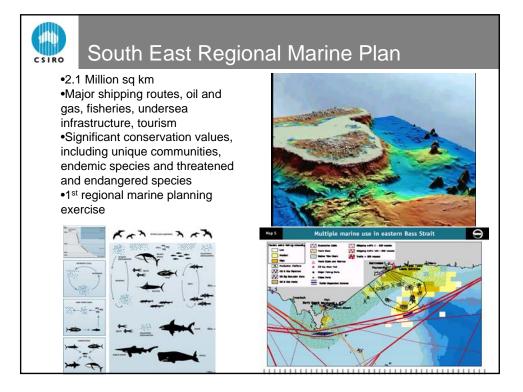
**Biophysical Operating Principles** 

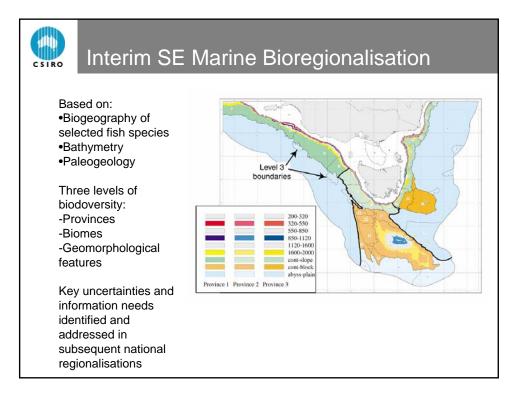
- 1. Minimum size 20km across if possible
- 2. The larger, the better
- 3. Replicate no-take areas within bioregions to reduce risk
- 4. Don't 'split-zone' reefs if possible
- 5 Minimum of at least 20% per bioregion (reef) and (non-reef).
- 6 Consider cross-shelf & latitudinal diversity
- 8. Include examples of all community types & physical environments
- 9. Consider connectivity
- 10. Consider special & unique sites/locations
- 11. Consider adjacent uses
- Social, Economic, Cultural & Management Operating Principles
- 1. Maximise complementarity with adjacent areas
- 2. Recognise social benefits / costs
- 2. Complement existing & future management
- 3. Maximise public understanding & enforceability

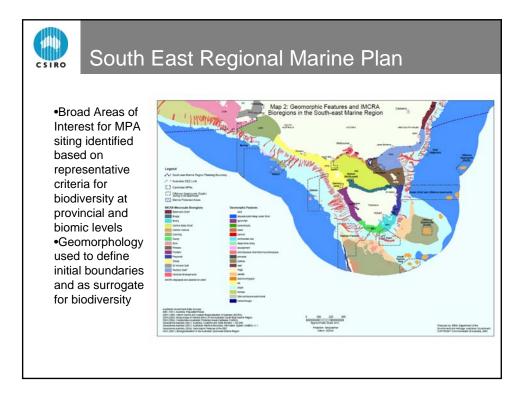


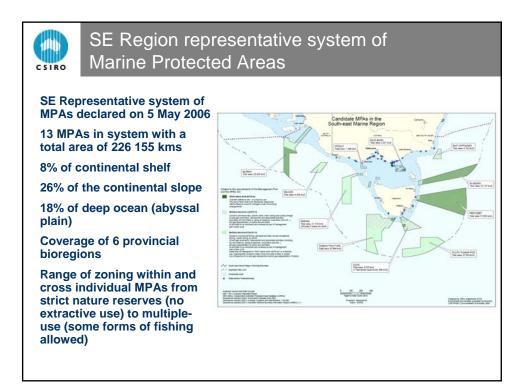


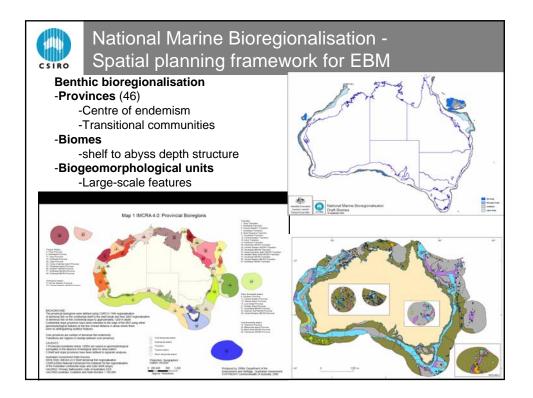


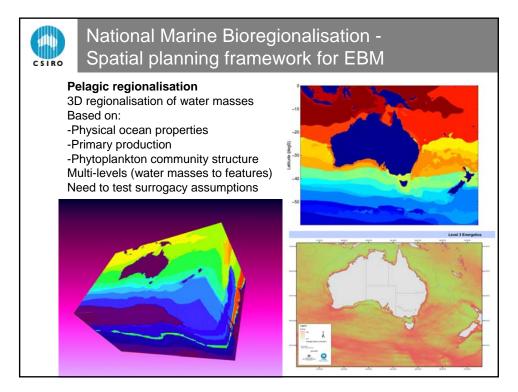


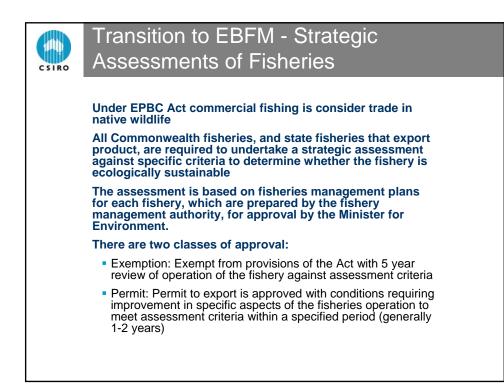
















# Transition to EBFM - ecological risk assessment of affects of fishing

### **Risk from what to what?**

The risk that fishing activities pose to achievement of (environmental) management objectives relevant to each component of the ecosystem

Comprehensive list of "activities" considered

#### 5 ecological components evaluated

- Target species
- Byproduct and Bycatch species
- Threatened, Endangered and Protected species (TEP)
- Habitats
- Communities (including food chains)

