



2014 Biodiversity Planning Forum

13–16 May, Mpekweni Beach Resort, Eastern Cape

Update on Marine Biodiversity Planning

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on behalf of SANBI Marine Programme

SANBI

Biodiversity for Life



South African National Biodiversity Institute

Background

- KZN Symposium – November 2013
 - Marine biodiversity planning workshop held
 - This is a reportback from that workshop session



Questions

1. Do we want a marine CBA map?
2. What's the “so what” for a marine CBA map?
 - What are we trying to influence? (sectors, policy and legal tools)
3. What existing products can we use to develop an interim marine CBA map?
 - Process to develop interim CBA map
4. Longer term way forward for coastal and marine biodiversity planning



1. Do we want a marine CBA map?

- Are CBA maps useful in the terrestrial environment?
 - **Yes!** e.g. for focusing use of limited resources, for informing land-use decision making
- Do we want a marine CBA map?
 - **Yes!** Need to know marine biodiversity priority areas to feed into multi-sectoral marine spatial planning and reporting
 - Critical because of pressures in the marine environment
- NB: don't confuse CBAs with MPAs (MPAs are one tool to implement CBAs)
- Marine CBAs could move in time and space! (unlike terrestrial CBAs)



2. The “so what” for a marine CBA map

- To inform **expansion of MPA network**
- To inform **marine spatial planning** (zoning the ocean for all activities)
 - In support of NEMO
 - Areas where we want to exclude certain activities
 - Both benthic and pelagic
- To inform **better management** of areas that are not MPAs but that are NB for biodiversity
 - To inform pipelines and discharge of waste into marine environment
 - To inform land-use zoning on the landward side

2. The “so what” cont.

- To feed into **state of oceans reporting**
- At the moment we don't have guidelines for commenting on impact in marine priority areas – map needs to be accompanied by **sea-use guidelines**
- Who would be the implementing agency?
 - DEA
 - Several other departments

3a. Existing products that can feed into an interim “stitched together” marine CBA map

- KZN Seaplan (2 categories of CBAs)
- National sandy beach plan (CBAs and ESAs but used in a slightly different sense)
- Recent national analyses based on NBA 2011 data
 - Including West Coast plan
- EBSAs
- OMPA focus areas
- National Estuary Biodiversity Plan + 3 additional estuaries from KZN plan
- Prince Edward Islands plan
- Lombard et al 2010 by-catch management areas for hake fisheries
- Agulhas bioregional plan (19 priority areas)
- NSBA 2004 marine priorities
- Terrestrial PAs and CBAs close to the coast

3b. Process for developing an interim marine CBA map

- Complex technical discussion
 - Look indepth at the existing plans – technical workshop over several days
 - Consider developing a standard planning unit based on NBA units, to use as building blocks for CBAs
- SANBI requested to convene a workshop
 - Involving the people who led the various existing plans that would feed into the interim CBA map



4. Longer term way forward for coastal & marine biodiversity planning

- Resolve and formalise habitat classification
 - Starting with the coast
- National Coastal Biodiversity Plan
 - First step: what is the coast?
- National Marine Biodiversity Plan
 - Incorporate feedback on use of the interim CBA map

