



environment & tourism

Department:
Environmental Affairs and Tourism
REPUBLIC OF SOUTH AFRICA



MPA Management Forum Minutes



**Dwesa-Cwebe MPA: 3-5
November 2008**

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1. Welcome and Purpose of meeting (Dr Alan Boyd)

Dr Boyd welcomed and thanked all delegates for attending this years Forum. He went on further to explain the purpose of this meeting, which he outlined as follows:

- a) Report backs from the different MPA management authorities (for the period 2007-08)
- b) Discuss issues around how to make operational management more effective
- c) Highlight factors that underpin good MPA management
- d) Education, training and capacity development (internal and external). How are we reaching the public and what are we doing in terms of building capacity within our Organisations
- e) Plans to make MPA management better in 2009, and other milestones that the Chief directorate: Integrated Coastal Management (ICM) within MCM are dealing with
 - The approval of the Integrated Coastal Management Bill
 - Launch of the National Plan of Action to combat land based sources of marine pollution
 - Plans to develop marine aquaculture in SA

The following were outlined by Dr Boyd as MPA management measures for 2008:

- Operational management
- How have the various policies and guidelines influenced how we operate
- Strategic planning for each MPA
- How have we addressed socio-economic needs of communities adjacent to MPAs
- Including the Research aspect as part of MPA management

2. WWF Sanlam Living Waters Partnership (Aaniyah Omaidien)

- Provided a background overview of the Partnership
- Mentioned that one of the Partnerships targets is to implement an effective network of Marine Protected Areas, and that programmes such as the WWF Honda Marine Parks and the WWF Cape MPA Programmes have been developed to ensure this.
- Encouraged MPA managers to engage with the WWF with regards to their MPA needs in order to facilitate the Partnership to be of better support to all MPAs.

3. Apologies noted:

- 1) Dr Razeena Omar- Chief Director (ICM), MCM
- 2) Vuyani Mapiya- Manager: Mkambathi MPA
- 3) Ntokozo Cele – Manager : Hluleka MPA
- 4) Paul Sieben – Manager: Table Mountain National Park MPA
- 5) Mazwi Mkhulisi - ECParks

4. Acceptance of previous minutes and matters arising (Peter Chadwick)

- All delegates acknowledged and accepted minutes from the 2007 MPA Forum
- Dr Boyd suggested that presenters at the Forum submit abstract of their presentations, so that they can be added onto the minutes.
- The Forum agreed by supporting the motion to add the abstracts on as addendums instead of including the submitted abstracts in the body of the minutes.
- It was also agreed that minutes will be presented in brief point manner instead of reporting verbatim.

5. Report backs of major successes achieved in 2008

WWF CAPE Marine Programme (Peter Chadwick)

- Programme took effect on March 2008
- Funded by GEF and falls under two components i.e. CapeNature and SANParks.
- Have working groups implemented in both areas of operation i.e. Garden Route and Kogelberg
- Projects:
 - Integrated multi-use spatial plans for the marine planning areas
 - Integrated marine management plans for the two marine areas
 - Capacity building for improved MPA and marine management effectiveness
 - Socio-economic evaluation of the GRI & KI marine areas and identifying opportunities for increasing benefits
 - Develop and implement public awareness campaign
 - Acquisition of equipment for improved MPA management effectiveness

WWF Honda Marine Parks Programme (Peter Chadwick)

The programme will play a pivotal support role in delivery against the following objectives:

- Equip Marine Park staff with the necessary hardware to perform their duties effectively
- Develop skills and capacity of Marine Park management teams
- Develop management plans, inclusive of compliance, monitoring and business plans
- Build a high level of public awareness support for the role of Marine Parks
- Facilitate and promote the expansion of our national system of Marine Parks so that it effectively protects the diverse marine biodiversity of South Africa. It was emphasized that boats secured through the WWF Honda Partnership are not only for compliance, but also for MPA and research and monitoring purposes.
- It was suggested that a monitoring tool be established to monitor and measure the use of the boats acquired through the Partnership e.g. how many monitoring patrols, hours at sea, arrests made through the use of the boats etc. This information will be used to determine the management effectiveness of having these boats and to indicate to Honda the value of their support.

CAPE Estuaries Programme (Pierre De Villiers)

- Noted the fact that managers are starting to take consideration of freshwater ecosystems and catchments areas in managing marine ecosystems which is an exciting development in the management of both ecosystems.
- Programme has identified six priority estuaries for its estuaries management assessment project, and draft management plans have been developed for these which include: - Olifants; Klein-; Heuningness; Breede; Knysna and Gamtoos.
- In the process of setting up a database in collaboration with SAEON and MCM.
- Have developed an Estuary Management course with the Nelson Mandela Metropolitan University.
- It was suggested that MCM should consider ways to integrate estuary management plans into MPA management plans. Dr Boyd mentioned that this process was already taking place.

- It was mentioned that 80% of legislation pertaining to estuaries already exists. The estuary management plans will work on tying everything together.



Fig 1: The Bashe River Estuary at low-tide.

Ezemvelo KwaZulu Natal Wildlife (Thokozani Gumede)

- The Aliwal Shoal permit and information office has been upgraded and revamped.
- Signage for Aliwal Shoal and Trafalgar MPAs has been erected
- Educational and information brochures have been designed and printed for Aliwal Shoal MPA, and they are already in distribution.

Eastern Cape Parks (Zwai Kostauli)

- ECPB is fairly new in the business of MPA management:
 - The assignment of Wild Coast Marine Protected Areas was finalized in 2007.
 - The Implementation protocol between MCM and ECPB was signed in December 2007
 - The management of marine protected areas by ECPB started in December 2007
 - The initial management funds were transferred in March 2008.
- ECPB achievements for the year 2007-08
 - MCM-ECPB agreement signed
 - MPA forum attended at De Hoop Western Cape
 - Bilateral planning session undertaken with Cape Nature
 - MPA work plans for 2007/08 developed
 - MPA work plans for 2008/09 developed
 - MPA training through WWF in progress.
 - ECPB and MCM attended key meetings (CMC) with respect to Mkambathi and Dwesa/Cwebe MPAs which result in tourism and other benefits.
 - Draft resource utilization guideline for Dwesa/Cwebe MPA developed by MCM
 - Procurement of two 4x4 vehicles for Dwesa/Cwebe and Mkambathi MPAs in its final stages(awaiting delivery shortly)

- Tender for the purchase of two rubber duck boats for Mkambathi and Dwesa/Cwebe MPAs in progress.
- Consultants appointed to develop skills development plans for the Wild Coast including Marine Protected Areas
- Challenges include shortage of skilled staff (specifically in MPA management), lack of essential equipment as well as increasing pressure from communities adjacent MPA's to have access to resources.
- The following strengths were also identified:
 - Good partnerships (MCM, WWF, Cape Nature etc)
 - Institutional support (fulltime ecologist)
 - Wild Coast Project Funding (planning and equipment)
 - Research Opportunities

Eastern Cape Parks Board - Scientific Services (Jan Venter)

- ECPB Scientific Services only started to engage with MPA monitoring and research matters from March 2008, after the signing of the MoA between MCM and EC Parks.
- Due to the Dwesa community marine resource use issues, the following projects were implemented to inform management planning and decision making:
 1. Identify and map biodiversity in the MPA (from the high water mark to 500m depth)
 2. Identify and monitor key biodiversity indicator features in order to enable researchers and management to detect changes
 3. Establish monitoring plans (especially for species vulnerable to over-exploitation).
- Estuary management plans for the Mtentu and Mbashe Estuaries are to be developed shortly
- ECPB has an agreement with all Universities that conduct registered research projects in the three Wild Coast MPAs (Dwesa Cwebe, Hluleka and Mkambathi). The agreement ensures that ECPB receives all data and reports from all research activities.
- Future priorities:-
 - I. Set up research database
 - II. Establish research and monitoring priorities and the stimulating of focused research
 - III. Improve relations and encourage co-operation between researchers working in the Wild Coast
 - IV. Develop and align all MPA management plans for the region
- A question was raised regarding the rationale behind ECPB only managing a portion of the Pondoland MPA. Dr Boyd responded to this by explaining that EC Parks only manages the 10km of coastline (Mkambathi MPA) that runs adjacent the Mkambathi Reserve , plus another approximately 8 km to the Lupatana Estuary which they can access from their reserve base. (These areas comprise much of the “core” of the MPA and the no-take zones). The rest is managed by MCM from Port-Edward - Mzamba in the north and Port St Johns in the south.

CapeNature report back by Rhett Hiseman

- Managing MPAs for 18 years
- Aim to ensure that islands, MPAs and estuaries are protected
- Focus areas – monitoring, health and safety, and maintenance/equipment
- Need to expose new MPA managers to marine issues
- Developed a business case for the protection of resources from catchment to coast and are awaiting the response.
- Audit of marine component of CN conducted – identified gaps

- High staff turn-over highlighted as a major challenge and a suggestion that this be included and addressed in the management plans. Furthermore it was suggested that a mentoring and career-pathing programme be developed for MPA staff across the respective conservation organizations.
- Three tiers for effective MPA management:
 - Organisational level
 - National level
 - Regional level

iSimangaliso Wetland Park by Mpere Mokoka

- 180 km of coastline from Cape Vidal to Kosi Bay
- Importance of MPA:
 - Loggerhead and leatherback nesting area
 - World renowned turtle monitoring programme
 - Ecologically important coral reefs and important scuba diving destination.
 - Popular recreational angling destination
 - Coelacanths discovered recently
 - Over 1 000 fish species recorded
 - Economic potential through ecotourism
 - Marine education opportunities
- One of the future challenges for management includes efforts to extending the MPA offshore and towards Mapelane
- Some of the management constraints that were identified were:
 - The PA extends only three nautical miles out to sea
 - Trawlers come in at night
 - Difficult to prove boats are inside
 - Inadequate vessels & skippers
 - It stops on the Mozambique border
 - Illegal entry from Mozambique
 - Cannot chase offenders across border
 - Managing subsistence & recreational fishers together which result in accusations of “double standards”
 - Some Traditional Authorities not co-operating
- Noteworthy achievements for the period 2007-08 include:
 - Scuba diving operators have been regulated and the industry formalized through concessions.
 - Charter fishing industry presently being formalized.
 - All staff placements have been achieved. New marine officers at Banga Nek, Sodwana Bay and Maphelane.
 - Vessel has been ordered for St Lucia, require one more vessel for Sodwana Bay.
 - No pollution impact of the four vessels that ran aground in the MPA.

DEAT: MCM by Dr Alan Boyd

- National Protected Area Expansion Strategy will assist in guiding increasing/extending MPAs – also reducing impacts in areas as opposed to only considering closing areas totally
- Need for standards at national level for monitoring and research
- An integrated MPA management policy is required which incorporates a) socio-economic issues, and b) expansion issues and guides an appropriate balance

Mozambique Inhaca Island MPA by Prof Tomas Muacanhia

- High biodiversity hence MPA proclaimed since 1965 – 600 fish species, 200 birds and 4 turtles nesting
- Major research component, primarily driven by the University as the MPA is managed by the University. Many Masters and PhD projects undertaken.
- Challenges include poaching of turtles and illegal fishing

- Dune vegetation restoration project in process



Fig 2: Professor Tomas Muacanhia from Inchaca Island MPA, Fanyana Juju from the Cwebe Community and Robert Mhlongo from EKZNW during the field visit on the shores of the Bashe Estuary :

SANParks by Dr Ane Oosthuizen

- Received the second year of major funding from DEAT which enables SANParks to support all seven MPAs with human resources, infrastructure and equipment.
- Bridging the divide amongst scientists and managers by adaptive management addressing bio-physical, social, economic and tourism factors
- Challenge to capacitate managers/staff to continue with monitoring and research once scientists have developed the programme. This in itself needs to be assessed because the programme should not be developed without the manager/staff of the MPA. A suggestion to host regular meetings with managers, scientists and local communities/stakeholders was raised as a solution to facilitating co-management and raising MPA awareness.

Dwesa/Cwebe MPA manager: Bandile Ngcentane

- The *community benefit from MPAs* was raised as a major concern particularly in the Eastern Cape. It was suggested to document the intrinsic benefits for all. Additionally, in the case of Dwesa-Cwebe the use of local community people in the Linefish competition held at The Haven should be made compulsory to ensure direct benefits to them. This model is used in Stillbay and has been successful. The need for a monitoring and research component to be included in the fishing competition was highlighted.
- The management options proposed for Dwesa-Cwebe were discussed at length during the forum meeting, with different degrees of support for allowing controlled catch-and release fishing in part of the previously open area, limited subsistence access in the same area, and keeping the whole MPA closed to all fishing. Because the debate continued through the meeting, no position on any of the options was confirmed, although controlled catch and release fishing only was arguably the most supported option.

6. Operational Management: (Chair: Peter Chadwick)

Operational plans by Dr Alan Boyd with examples from Keith Spencer and Peter Hartley

- Alan conveyed that a management framework should consist of:
 - Objectives
 - Mandate
 - Capacity
- The time scale for management plans is five years and the template that Jeanette Du Toit and Colin Attwood have been developing has yet to be finalized by Alan Boyd.
- A query regarding the inclusion of finances in the management plan was raised.
- Alan Boyd proposed a budget split for the activities in workplans:
 - Monitoring and research 20%
 - Education and Awareness (external - public and stakeholders) 20%
 - Planning and staff development (internal - within management agencies) 10%
 - Compliance and operational management 50%

This % split addresses the need to achieve a spending balance between meeting present management challenges and preparing and investing to meet future concerns. However, the group felt that this is a template and it furthermore depends on how established the MPA is. A newly proclaimed MPA would have more emphasis on purchasing equipment and hence the budget would be focused on those activities. Nevertheless, the overall balance for operational MPA management (in its broad context) was supported, in particular that 20% be targeted for monitoring and research.

- Keith presented Goukamma's workplan and recommended that an access programme be developed that collects the data and produces reports, as opposed to using excel only.
- Recommendations to existing operational plans from the forum included:
 - Incorporate recommendations for operational plans from the Protected Areas Act
 - Consolidate the terrestrial and marine management plans where applicable e.g. Dwesa-Cwebe.
 - Identify the stakeholders and users within the PA and include this in the management plan
 - The objectives proposed by Alan Boyd were too similar to the Act and not relevant to the specific MPA
 - It was suggested that the Table of Contents for the management plans and annual report (by Peter Hartley) be attached to the minutes as a guideline for other MPA managers.
 - NB: Annual reports for all MPAs per organization should be submitted.
 - This should then inform the National status of our MPAs
 - Other projects (other than DEAT/ MCM funded projects) should also be included in the reporting i.e. Honda boat patrols and arrests. Furthermore, a list of these projects and their contact details should be submitted.
 - At the end of the shortened time slot for this item, agreement on a format for reporting was not yet reached, and it was noted that MCM and a small group of experienced managers should come up with a practical template for both the quarterly and annual reports. This would be based on the different models presented and the comments made.

Status of MPAs by Aphiwe Bewana

- An appeal was made to MPA managers to please complete the questionnaire which was circulated as this will form part of his Masters in Conservation Biology which needs to be handed in by Feb 09

- In addition to the standard questionnaire a community questionnaire has also been developed to assess their needs. It was suggested that focus groups with the communities be conducted. Sindiswa would be able to engage with the community representatives attending the Wild Coast MPA training in Dec 08.

Research supporting the value of our MPAs by Bruce Mann

- Monitoring programmes to evaluate the effectiveness of MPAs have been conducted in the Pondoland MPA and are very similar to those in Tsitsikamma
- He showed that the number of fish species within the closed areas of MPAs is much higher than in the controlled areas of MPAs where fishing is allowed, and also highlighted the success of fish tagging programme.



Fig 3: Jan Venter releasing a Lesser Guitarfish during a fishing survey at Dwesa Cwebe

7. Monitoring & Research (Chair: Aniyah Omardien)

Minimum requirements to be monitored & Research Priorities (Dr A. Goetz)

- This is a work in progress with methodologies having to be sensitive, sustainable and cost effective.
- The use of different observer groups with differing skills also needs to be considered.
- The aim is to develop a national monitoring protocol that considers the various bio-regions and habitat types all with various levels of exploitation.
- Protocols must be adjusted for each habitat type
- Large well established MPA's will be used as baseline study sites.
- SAEON & SANParks are currently testing and integrating the data into a monitoring protocol which can be rolled out and adopted.
- A monitoring workshop will be scheduled for Q1/2009 whereby representatives from each organisation can attend.

- SAEON will play a crucial administration role in all long-term monitoring projects.
- Funding for long-term studies is an issue and SAEON is not a funding agency. It is therefore expected that researchers/organizations must come with their own funding.
- One opportunity for funding exists from utilizing a percentage (20% suggested norm) of funds allocated on an annual basis to MPA's through MCM contracts.
- There is the need to prioritize monitoring/research in accordance to National, Provincial, Organisational and MPA specific priorities.
- WWF can potentially assist in sourcing corporate funding opportunities for long-term studies

Table Mountain MPA Project (A. Barnard)

- Currently developing a volunteer network of divers that will undertake monitoring in the Table Mountain MPA.
- This also offers to bring divers back into the MPA after the diving ban
- The project will concentrate on developing methodologies whereby volunteers can assist in monitoring fish and invertebrates within MPA's
- The diving organisation SURG will co-ordinate the project with SAEON developing the methodologies and protocols for the project
- The use of volunteer groups brings risk regarding the quality of information, and this will need to be checked.
- There will be a large awareness raising component to the project as well.
- SANParks requested that all divers be screened by the SANParks Corporate Investigation Services prior to being allowed to dive as part of this programme

Non-consumptive research and monitoring (Sarika Singh)

- There is the need to make use of MPA regulations to control & manage bait-stem attracting devices for sharks
- Line fishers and divers are complaining that there has been an increase in the population of Black-Tip Sharks within the Aliwal area but there is currently insufficient data to confirm this.
- Tiger Shark dive-operators fear that the drum lines are going to play a negative role as the Tiger Sharks will be prone to getting caught. Sheldon Dudley is preparing a presentation on this for the end of the year.
- The current priority at Aliwal is to resolve the Ragged Tooth Shark issue with the need to cap activities around "raggies" and tiger sharks. This will be tested through the issue of experimental permits when a system for this is agreed with operators.

Evaluation/ Management effectiveness monitoring (Peter Chadwick)

- Currently there is no monitoring and evaluation of management effectiveness within MPA's.
- Two systems of M&E were suggested namely; the METT system which is broad based and concentrates more on management arrangements and then the Protected Area Management System which goes into great detail at all levels.
- It was suggested and agreed by the forum that the METT system would be tested out and forwarded to Aphiwe Bewana to assist his evaluation on MPA's. All METT's to be completed by the first week of December 2008.
- Paul Britten of CAPE has reviewed the METT system for terrestrial reserves and this would system would be supplied to each MPA for completion.
- Line Managers would assist in completing the METT
- After submission the METT would be refined where necessary and would become part of the annual workplan.

8. Awareness Raising (Chair: Thokozani Gumede)

2009 Year of the Marine Protected Area by SINDISWA NOBULA

- General enthusiasm and support for the YMPA from the forum
- The use of the term “Marine Parks” was suggested by some persons but overall the forum did not support this and the campaign will now be referred to as Year of the Marine Protected Area
- Caution of using the campaign as a marketing tool to promote unregulated non-consumptive use was voiced
- A suggestion to group MPAs per organization and or per bioregion on the website
- SN to get updated MPA map from Risha
- Bruce Mann suggested that some of the scientists and managers check the content of the website before it goes live

9. Training and Equipment (Chair: Jan Venter)

MPA Management Certificate (Lawrence Sisitka)

- WIO-Compass Certification course is aimed at three different levels in MPA management: (This process is possibly a world first)
 - Level 1 - For the professional who is performing practical functions and responsibilities for the day-to-day management of an MPA, and who has basic administrative responsibilities.
 - Level 2 - For the professional who is performing management, supervisory and administrative functions and responsibilities.
 - Level 3 - For the professional performing high-level management, strategy and policy development, and administrative functions and responsibilities.
- Eleven candidates from five countries from the WIO region participated in the certification process. Nine of which were successful and two were required to submit further evidence.
- A level 1 certification process is planned for 2009, and it will possibly take place in South Africa.

Algoa Bay Training (Lawrence Sisitka)

- 2008 - Southern African Wildlife College (SAWC) developed new assessment tools and processes and gained programme approval at NQF Level 5 from Theta
- First run of new NQF approved course planned for Algoa Bay in 2009. Participants for this course will comprise of MPA staff from SANParks (Addo National Park), CapeNature (Betty's Bay MPA and possibly De Hoop) as well as MCM officials from the Garden Route area.

Equipment requirements: (Peter Chadwick)

In view of the WWF – Honda Marine Partnership, the MPA Managers in the forum were asked what they saw as their short-medium term requirements.

MPA	Requirement
1. Sodwana Bay	6.5 meter boat and 2 X 75HP
2. ECape	Radar for two boats, 2 quad bikes, 4m boat and 30HP (Mbashe estuary)
3. Aliwal Shoal	6.5 meter boat
4. Stillbay	2 X 60HP
5. Goukamma	2 X ? HP (replaced) 2 X quad bikes(2010)
6. Addo	2 X 50HP and radar
7. Gouritz estuary	2 X 50HP
8. (Henk)	2 X 30HP

9. Sunday's estuary	2 X 20HP
10.	

Actions for 2009

WWF:

1. YMPA
 - a. Meet with respective conservation agencies to finalise YMPA business plan and marine week activities
 - b. Meet with communications representative from each conservation agency re YMPA
 - c. Liaise with MPA managers re YMPA and marine week
 - d. Liaise with MPA educators re YMPA and marine week
 - e. SN to work with Paul Cowley, Bruce Mann and Keith Spencer to finalise website content for YMPA
2. Training Algoa Bay Feb 09
3. Institutionalise MPA training
4. Co-ordinate resource use (non-consumptive use) workshop – liaise with Herman Oosthuizen
5. Garmin radar training workshop with interested MPA managers and researchers
6. Invite a WIO representative

DEAT:

1. Motivate for support for YMPA internally
2. MLRA and Seal and Seabird Act – review sections dealing with MPAs
3. Government gazette – clarifications and corrections of MPA boundaries need to published, in particular how to interpret a stated distance offshore
4. MPA boundary demarcation – on the ground
5. Co-ordinate MPA zonation co-ordinates to Garmin, SA Navy and Google through Risha Persad
6. Finalise workplans, quarterly, annual and management plan reporting
7. All MPAs to have management plans or draft management plans

SAEON:

1. Co-ordinate steering committee group 11/12 Dec 08
2. Larger stakeholder Monitoring & Research workshop Jan-March 09

Conservation Agencies:

1. Support YMPA
2. Feedback to SN re MPA website
3. Complete METT and Aphiwe's Questionnaire by end Nov 08
4. Boundary demarcation
5. Host science symposiums
6. Invitation to executive to attend forum

Proposed MPA Management Forum 09

- Location: KZN, St Lucia
- Theme: Estuaries and community benefits (in the context of MPAs)
- Invite guest speakers that have experience to assist MPA managers
- Invite local stakeholders – eg. police officers
- Extend forum to three days
- Selected presentations on research in MPAs (1/2 day)
- Compliance featured at next forum, increase MCM attendance



Fig 4: Pristine and stable dunes on the shores of the Dwesa Cwebe MPA:

Appendix 1: MPA MANAGEMENT FORUM 2008:

Agenda:

3-5 November 2008

Monday

Time	Topic
13h00 – 14h00	Lunch
14h00 – 14h15	DEAT: Welcome and Purpose of the meeting (Dr Alan Boyd) WWF Sanlam Living Waters Partnership (Aaniyah Omaidien)
14h15 – 14h20	Apologies (Peter Chadwick)
14h20 – 14h45	Acceptance of previous minutes & Matters Arising (Peter Chadwick)
14h45 – 16h00 (SN minutes)	Report Backs of major successes achieved during 2008 (15min per report back) <ul style="list-style-type: none"> ○ WWF Honda Marine Programme and WWF CAPE Marine Parks Programme (Peter Chadwick) ○ CAPE Estuaries Programme (Pierre De Villiers) ○ CapeNature (Rhett Hiseman)
16h00 – 16h15	Tea/Coffee
16h15 – 18h00 (AO minutes)	<ul style="list-style-type: none"> ○ SANParks (Dr Ane Oosthuisen) ○ Eastern Cape Parks Board (Zwai Kostauli) ○ KwaZulu Natal Wildlife (T. Gumede) ○ iSimangaliso Wetland Authority (Peter Hartley) ○ MCM (Dr Alan Boyd) ○ DEAT (Biodiversity and Conservation)
19h00	Dinner
20h00 – 21h00	Dwesa MPA (Mr Bandile Ngcetane)

Tuesday

Time	Topic
07h00 – 08h00	Breakfast
08h00 – 10h00 (SN & AO minutes)	Operational Management: Best Practices (Peter Chadwick) <ul style="list-style-type: none"> i. Framework for operational management (Dr Alan Boyd) (15mins) ii. Management Plans (Dr Alan Boyd) (1 hour) iii. Operational Work Plan (Dr Alan Boyd) (45mins) iv. Annual Report (Peter Hartley) (45 mins) v. Quarterly Report (Keith Spencer) (45 mins)
10h00 – 10h30	Tea/Coffee
10h30 – 12h00 (SN & AO minutes)	<ul style="list-style-type: none"> vi. Status of MPAs (Aphiwe Bewana) (15 mins) vii. Linefish (Bruce Mann) viii. Compliance
12h00 – 13h00	Lunch
13h00 – 15h00 (PC minutes)	Monitoring & Research (Aaniyah Omaidien) (30mins per presentation) <ul style="list-style-type: none"> • Minimum requirements to be monitored & Research Priorities (Dr A. Goetz)

	<ul style="list-style-type: none"> • Table Mountain MPA Project (A. Barnard) • Non-consumptive research and monitoring (Sarika Singh) • Evaluation/ Management effectiveness monitoring (Peter Chadwick)
15h00	Field Outing to be confirmed (Bruce Mann, Pete Fielding and Bandile Ngcetane)
19h00	Dinner 20h00 Sub-Working Groups <ul style="list-style-type: none"> - Health & Safety (RH, PS, ZK, PH, TG) - Training (PC, PF, LS,SN,AO) - Regulations (KS, AB) - Resource utilization (PF, - Monitoring & Research Needs (AG, AneO)

Wednesday

Time	Topic
07h00 – 08h00	Breakfast
08h00 – 09h00	Report back
09h00 – 09h30 (AO minutes)	Awareness Raising (T. Gumede) Year of the MPA (Peter Chadwick & Sindiswa Nobula) (40mins) Brochures/Signage/Beacons (Peter Chadwick) (20mins)
09h30 - 10h00 (SN minutes)	Training & Equipment: (Zwai Kostauli) MPA Management Certificate & Algoa Bay Training (Lawrence Sisitka) (15mins) WIO-COMPAS (Lawrence Sisitka) (15mins) Hardware needs requirements for 2009 (Peter Chadwick) (30mins)
10h00 – 10h30	TEA
10h30 – 11h50 (AO minutes)	Summary & Wrap Up (Setting priorities for action in 2009) (Peter Chadwick & Zwai Kostauli)
11h50 – 12h00 (AO minutes)	Closure (Dr Alan Boyd)
13h00	Lunch

Appendix 2: FLAGGED ISSUES:

LEGISLATION:

- National Protected Area Expansion Strategy needs to be considered in planning MPAs
- There is a need for strategic plans for each MPA
- ICM Bill/Act implications to MPAs
- Aquaculture impacts on MPAs
- Socio-economic issues pertaining to MPAs
- Alignment of management plans to legislation (Protected Areas Act)
- There must be a set of accepted regulations per MPA
- Phil Snyman – currently reviewing legislation pertaining to MPAs
- Law reform of MLRA and Seal & Seabirds Act – need to provide input to sections relevant to MPAs

RESEARCH & MONITORING:

- There is the need for a National Monitoring & Research Workshop
- The need for the development of a data base that can capture MPA gathered information
- Prioritization of research on and in MPAs must take place, and follow a National, Provincial, Organisational then MPA specific prioritization – need filtering process.
- Minimum baseline monitoring requirements need to be confirmed
- Need to highlight the importance of MPAs as research opportunities (Inchaca example)
- Integration of Science & Management requirements and implementation of ground actions
- There is the need for a Fishing Competition Guideline Document (also a policy on what should be allowed where – legislation and policy).
- Need to use MPA regulations pertaining to the use of stem baiting (attraction) for apex predators within MPAs
- SANParks already have an M&E system in place – use this as an example for possible role out
- METT to be sent out to each MPA and completed/tested by mid December and then all info forwarded to Aphiwe Bewana
- Complete METT annually and STATE of MPAs every five years to track progress.
- There is the need to evaluate the effectiveness of the forum meetings.
- METT should be filled in by operational line managers not MPA managers

EQUIPMENT:

- Set up Garmin Radar Training
- Need to use technology in proving illegal activities within MPAs

MPA's & ESTUARIES:

- Integration of Estuary Training into MPA Manager Certificate?
- Integration of Management plans between estuaries and MPAs (Eastern Cape Example??)
- St Lucia Estuary Plan needed
- Integration of the MLRA & ICM
- Review of Hluleka MPA – possible extension out to sea
- The options of seaward expansion of current MPAs – need to argue why this is important

- St Lucia MPA needs to extend south to Mapelane
- Many cases of organizations “formalizing” policy this needs to be captured into National Best Practice examples.
- Development of contingency plans for all MPA’s
- Develop a pilot access database method for reporting.
- Allocation of % of annual MPA budget to performance areas (agreed guideline of 20% for research and monitoring)
- The need for an integrated MPA policy document
- Need mechanisms to disseminate report information

AWARENESS RAISING:

- Use the EKZNW example of distributing information at Aliwal Shoal & their brochures available.
- Workshops/Open Days where science is made “general” – for communities and managers and magazine articles
- Signage must be kept to a high standard
- The need to ensure local forums are functioning and giving the right message
- Consensus that the use of the term Marine Protected Areas must be used and not Marine Parks as this will create confusion.
- Marine Week must allow for a focused intervention across all MPA’s
- The term “MPA” must be made understandable to everyone
- Need to market the full “potential” of MPA’s
- Use the psychology of comparing terrestrial reserve issues with marine issues eg. Black Rhino = Kob
- Add Coastcare Fact Files onto the WWF web.
- Radio is the best medium to reach many communities
- Focus on Endangered Species protected within MPA’s and use them as flagships
- Carol Mosses from MCM has a complete media list – SN to obtain
- Develop DVD’s & Talking Books in different languages for MPA’s
- Print a special issue gazette with updated MPA information and a full description of legal interpretations.
- Need to raise judicial awareness
- Approx 20% of an MPA’s budget should be used for awareness raising and education of the public

STAFFING & TRAINING:

- Issues of retaining staff
- Skippers training goes beyond just writing the test – are staff competent to skipper?
- Staff motivation.
- The need to link training with mentorship
- Options of inter-agency employment opportunities to allow for career pathing
- Ensuring internal policies support MPA management
- Need to replicate the CapeNature Business case example to expand funding for MPA’s and getting more staff
- Training needed on “Understanding Legislation”
- Need to ensure that the various Organisations recognize the “value” of the MPA Management Course
- Hold a Level 1 WIO-Compas course in South Africa in 2009
- Attention needs to be given to Angola and Namibia.

COMMUNITIES:

- Determine Community demands on resources
- Managing subsistence fishing alongside recreational fishing

- Need to develop Inter-border co-operation between Mozambique & South Africa
- Utilize the lessons of East Africa regarding community involvement
- LISTEN to communities and come with REAL benefits through thinking out the box and utilizing a full range of opportunities Terrestrial & Marine
- Need for community capacitation
- Look at benefits beyond boundaries
- Look at EKZNW case studies with community levies
- We need to showcase current benefits communities are getting from MPA and Reserve eg access road (soft benefits) – Include in strategy for YMP
- Benefits must be realistic and not compromise core objective of biodiversity protection
- “Fundamentals” of participation

COMPLIANCE:

- GARMIN, GOOGLE Earth & SA Navy requesting slipway and MPA co-ordinates (Speak to Risha and VMS)
- Fisheries exclusion zones are also available (Steve L)



**Appendix 3: MPA Management Forum Attendance Register
Dwesa-Cwebe MPA: 3-5 November 2008**

No	Name & Surname	Organisation	MPA/Area	Designation	email	Tel/cell
1	Pierre de Villiers	CapeNature	CFR	CAPE Estuaries Programme coordinator	estuaries@capenature.co.za	083 236 2924
2	Nickel Fortuin	CapeNature	De Hoop	Nature Conservator	nfortuin@capenature.co.za	028 542 1114
3	Keith Spencer	CapeNature	Goukamma	Conservation Manager	keith@capenature.co.za	082 494 1880
4	Liesl Brink	CapeNature	Head Office	Public relations & media	lbrink@capenature.co.za	072 488 6768
5	Terence Coller	CapeNature	Betty's Bay	Conservation Manager	terence@capenature.co.za	028 271 5138
6	Andrae Marais	CapeNature	De Mond	Conservation Manager	andrae@capenature.co.za	028 452 1242
7	Jean du Plessis	CapeNature	Stilbaai	Nature Conservator	jdp@telkomsa.net	082 496 2522
8	Rhett Hiseman	CapeNature		Marine Coordinator	rgiseman@telkomsa.net	082 771 9107
No	Name & Surname	Organisation	MPA/Area	Designation	email	Tel/cell
9	Henk Nieuwoud	CapeNature	Keurbooms & Robberg	Conservation Manager	robkeur@mweb.co.za	082 877 7435
10	Patrick Mudzanani	Eastern Cape Parks	Dwesa Cwebe	Nature Conservator	N/A	073 866 7895
11	Lwazi Khuzwayo	Eastern Cape Parks	Wild Coast	Intern:Scientific Services	lwazikk@webmail.co.za	073 228 9104
12	Bandile Ngcentane	Eastern Cape Parks	Dwesa Cwebe	Manager	Bandile.ngcentane@ecparks.co.za	079 496 7884
13	Jan Venter	Eastern Cape	Wild Coast	Ecologist	Jan.venter@ecparks.co.za	082 416 1096

		Parks				
14	Aanyiah Omardien	WWF-SA		Marine Programme Manager	aomardien@wwf.org.za	021 888 2860
15	Peter Chadwick	WWF-SA		MPA Programme Manager	pchadwick@wwf.org.za	028 542 1254
16	Sindiswa Nobula	WWF-SA		Training and capacity development	snobula@wwf.org.za	021 888 2844
17	Sakhile Tsotsobe	City of Cape Town	Cape Town	Coastal Co-ordinator	Sakhile.tsotsobe@capetown.gov.za	021 400 4638 074 1850 0123
18	Kyle Smith	SANParks	Garden Route	Research	kyleS@sanparks.org	082 928 1297
19	Robin Adams	SANParks	Table Mountain National Park	Senior Section Ranger	robina@sanparks.org	021 786 5656 082 923 1389
20	Mbulelo Dopolo	SANParks	Cape Region	Program manager: Cape coastal research	MbuleloD@sanparks.co.za	083 682 3666
21	Ane Oosthuizen	SANParks	Park Expansion	Marine Co-ordinator	Ane.Oosthuizen@nmmu.ac.za	083 540 8200
No	Name & Surname	Organisation	MPA/Area	Designation	email	Tel/cell
22	Gary Baron	SANParks	Table Mountain National Park	Ranger Corporal	garyb@sanparks.org	021 786 5656
23	Nathan St. Clair-Laing	SANParks	Table Mountain National Park	Ranger Corporal	nathans@sanparks.org	021 786 5656
24	Ineke Esterhuizen	SANParks	Table Mountain National Park	Ranger Sergeant	inekee@sanparks.org	021 786 5656
25	Sylvester Oalssor	SANParks	Table Mountain National Park	Marine Ranger	SylvesterO@sanparks.org	021 786 5656
26	Roget Fox	SANParks	Addo	Senior Marine Section Ranger	rogetj@sanparks.org	082 936 2263
27	Guy Padayachee	SANParks	Addo	Senior Marine Section Ranger	anbanp@sanparks.org	046 653 0601
28	Kuzile Juza	Dwese Cwebe	Dwesa Cwebe	Deputy Chair	N/A	072 935 4916

		Trust				
29	David Gongqose	Hobeni Fishing Committee	Hobeni	Secretary	N/A	073 623 8888
30	Jackson Mpampa	Hobeni Fishing Committee	Hobeni	Member	N/A	
31	Daysman Majambe	Hobeni Fishing Committee	Hobeni	Chairperson	N/A	073 183 9040
32	Fanyana Juju	Hobeni CPA	Dwesa Cwebe community representative		N/A	073 425 2637
33	Peter Hartley	iSimangaliso Wetland Park	iSimangaliso	Conservation & Compliance Manager	peter@isimangaliso.com	079 493 7470
34	Mokoka Mpere	EKZNW	iSimangaliso	Cluster Manager	mokokam@kznwildlife.com	079 539 2231
35	Robert Mhlongo	EKZNW	iSimangaliso	Compliance Officer	Robert@isimangaliso.com	072 119 1674
No	Name & Surname	Organisation	MPA/Area	Designation	email	Tel/cell
36	Thokozani Gumede	EKZNW	Aliwal Shoal & Trafalgar	BCCCE	gumedet@kznwildlife.com	082 570 1446
37	Tomas Muacanhia	Eduardo Mondiane University	Inhaca Island Mozambique	Professor	inhaca@uem.mz	+258 2176 0009
38	Aphiwe Bewana	University of Cape Town		Student: Msc	aphiwe.bewana@uct.ac.za	073 448 3631
39	Risha Persad	MCM	Cape Town	Assistant Director	rpersad@deat.gov.za	072 545 3717
40	Lieze Swart	MCM	Cape Town	Marine Research Technician	lswart@deat.gov.za	082 341 5519
41	Liesl Janson	MCM	Cape Town	Marine Research Technician	ljanson@deat.gov.za	084 515 6646
42	Sarika Singh	MCM	Aliwal	Student	sasingh@deat.gov.za	083 777 7194
43	Stephen Lamberth	MCM		Research	lamberth@deat.gov.za	082 868 3834
44	Herman Oosthuizen	MCM	National	Research	Oosthuizen@deat.gov.za	021 402 3189
45	Alan Boyd	MCM	National	DD: MPA and Estuary	ajboyd@deat.gov.za	083 412 3965

				Management		
46	Lawrence Sisitka	Rhodes University		Training Consultant	heila@imagnet.co.za	083 621 3422
47	Anthony Bernard	Rhodes Uni & SAEON		Monitoring and research	ant@saeon.ac.za	083 383 5228
48	Albrecht Gotz	SAEON		Monitoring and research	Albrecht@saeon.ac.za	083 395 7972
49	Paul Cowley	SAIAB		Research	p.cowley@ru.ac.za	082 824 3474
50	Bruce Mann	ORI	KZN	Research	bruce@ori.org.za	072 356 6629
51	Pete Fielding	Fieldwork	East London	Independent Consultant	fieldwork@mweb.co.za	083 777 1958
52	Zwai Kostauli	Eastern Cape Parks	Wild Coast	Regional Manager	Mzwabantu.kostauli.co.za	079 496 7971