DRAFT GOALS AND OBJECTIVES
SYSTEM MANAGEMENT PLAN (SMP) FOR SAFMC MPAs
April 9, 2015

Biophysical Goals and Objectives

Note: The IPT recommends a sub-committee of the IPT further refine these goals and to develop the details of this section.

Goal 1. Marine resources sustained or protected.

- 1a. Populations of target species for extractive or non-extractive use restored to or maintained at desired reference points within the MPA.
- 1b. Populations of target species for extractive or non-extractive use protected from harvest at sites and/or life history states where they become vulnerable.
- 1c. Overexploitation of living and/or non-living marine resources minimized, prevented, or prohibited entirely.
- 1d. Catch yields improved or sustained in fishing areas adjacent to the MPA.
- 1e. Replenishment rate of fishery stocks increased or sustained within the MPA. IPT: clarify and determine if should be included; taling numbers or biomass.

Goal 2. Biological diversity protected.

- 2a. Rare, localized, or endemic species protected; Species of particular concern (e.g., speckled hind and warsaw grouper).
- 2b. Areas protected that are essential for life history phases of species.
- 2c. Unnatural threats and human impacts eliminated or minimized inside the MPA.
- 2d. Alien and invasive species (e.g., lionfish) and genotypes removed or prevented from becoming established.

Goal 3. Individual species protected.

- 3a. Focal species abundance increased or maintained.
- 3b. Habitat and ecosystem functions required for local species' survival restored or maintained.
- 3c. Unnatural threats and human impacts eliminated or minimized inside the MPA.
- 3d. Alien and invasive species (e.g., lionfish) and genotypes removed <u>from</u> <u>area</u> or prevented from becoming established.

Goal 4. Habitat protected.

- 4a. Habitat quality and/or quantity restored or maintained.
- 4b. Unnatural threats and human impacts eliminated or minimized inside the MPA.
- 4c. Alien and invasive species (e.g., lionfish) and genotypes removed or prevented from becoming established.

Socioeconomic Goals and Objectives

Note: The IPT recommends a sub-committee of the IPT further refine these goals and to develop the details of this section.

Note: SAFMC staff will get input from the Socioeconomic Panel of the SSC.

Goal 1. Non-monetary benefits to society enhanced or maintained. IPT: Keep for now but difficult to measure.

1a. Existence value enhanced or maintained.
1b. Ecological services values enhanced or maintained.

Goal 2. Benefits from the MPA equitably distributed.

2a. Monetary benefits distributed equitably to and through coastal communities.
2b. Non-monetary benefits distributed equitably to and through coastal communities.

Goal 3. Environmental awareness and knowledge enhanced. IPT: Seems this is Outreach.

3a. Respect for an/or understanding of local knowledge enhanced.
3b. Public's understanding of environmental and social 'sustainability' improved.
3c. Level of scientific knowledge held by the pubic increased.
3d. Scientific understanding expanded through research and monitoring.

Governance Goals and Objectives

Note: The IPT recommends a sub-committee of the IPT further refine these goals and to develop the details of this section.

Goal 1. Effective management structures and strategies maintained.

- 1a. Management planning implemented and process effective.
- 1b. Rules for resource use and access clearly defined and socially acceptable.
- 1c. Decision-making and management bodies present, effective, and accountable.
- 1d. Human and financial resources sufficient and used efficiently and effectively.
- 1e. Local and/or informal governance system recognized and strategically incorporated into management planning.
- 1f. Periodic monitoring, evaluation, and effective adaptation of management plan ensured.

Goal 2. Effective legal structures and strategies for management maintained.

- 2a. Existence of adequate legislation ensured.
- 2b. Compatibility between federal and state rights and obligations maximized or ensured.
- 2c. Enforceability of arrangements ensured.

Goal 3. Effective stakeholder participation and representation ensured.

- 3a. Representativeness, equity, and efficacy of collaborative management systems ensured.
- 3b. Resource user capacity effectively built to participate in co-management.
- 3c. Community organizing and participation strengthened and enhanced. IPT: Need a SMP Advisory Panel.

Goal 4. Management plan compliance by resource users enhanced.

- 4a. Surveillance and monitoring of coastal areas improved.
- 4b. Compliance with regulations. IPT: assessment with number of NOVA's, etc.
- 4c. User participation in surveillance, monitoring, and enforcement increased.
- 4d. Application of law and regulations adequately maintained or improved.

Note: IPT suggested that research vessels should record when vessels are observed within MPAs; satellites could also be used to document vessels within MPAs.

Goal 5. Resource use conflicts managed and reduced.

- 5a. User conflicts managed and/or reduced: (1) within and between user groups, (2) between user groups and the local community or between the community and people outside it, and/or (3) user groups and managers can examine comments on proposed rules and minutes from public hearings.
- 5b. Assess with an Opinion Survey: look at type of violations.

Outreach Goals and Objectives

Goal 1. Environmental awareness and knowledge enhanced.

- 1a. Understanding of local knowledge enhanced.
- 1b. Public's understanding of environmental and social 'sustainability' improved.
- 1c. Level of scientific knowledge held by the public increased.

Goal 2. Effective stakeholder participation and representation ensured.

- 2a. Collaborative management systems ensured through equity of representation and efficacy in management practices.
- 2b. Co-management supported by effective strategies that improve resource user capacity.
- 3c. Community organizing and participation strengthened and enhanced.

Goal 3: Management plan compliance by resource users enhanced through effective communication.

- 3a. Communication products accessible to the public in various formats.
- 3b. Management plan development delivered through transparent and open process.
- 3c. Compliance with the management plan is fostered through targeted communication.