

To: Mike Voiland, Rick DeVoe, Jim Cato, Tim Hollibaugh (Sea Grant South Atlantic Region Organizing Committee)
From: Merryl Alber and Christine Laporte, (Georgia Coastal Research Council)
Re: South Atlantic Regional Research Project Update
Date: June 4, 2007

Overview:

This document is an update on the South Atlantic Regional Research Planning project. It contains the following:

1. Suggested categories for membership in the Research Advisory Group.
2. A list of the major themes identified in the National Ocean Priorities Plan
3. An initial list of research priorities identified for the South Atlantic, organized according to the Driver-Pressure-Status-Impact-Response (DPSIR) model, along with draft DPSIR models for each of the 5 Impact Categories impacts identified on the list.

We welcome your feedback on all of this information, and hope to use it as a starting point for our next conference call.

Regional Advisory Group Membership Categories list

The members of the Regional Advisory Group will be tasked with the process of setting the top 10 research priorities from the final draft of the South Atlantic Research Priorities list.

Suggested categories for membership are as follows:

Federal

- NOAA- Coastal Services Center
- NMFS- South Atlantic Fisheries Management Council
- National Sea Grant Representative
- EPA Region IV
- Dept. of Defense
- Army Corps of Engineers
- USDA Natural Resources Conservation Service
- National Park Service - Southeast Region
- US Fish and Wildlife Service
- USGS

State

- State Coastal Management Program
- State Water Management
- NERRS

Academic

- Sea Grant Directors
- University scientists

National Ocean Research Priorities Plan and Implementation Strategy Themes

The National Science and Technology Council's Joint Subcommittee on Ocean Science and Technology (JSOST) issued the "Ocean Research Priorities Plan and Implementation Strategy" (commonly referred to as the ORPP) in January 2007 (JSOST 2007). Accompanying the publication of the ORPP was a Presidential announcement requesting \$143 million in the FY 2008 budget for "priority ocean projects" focused on the themes identified in the ORPP:

1. Stewardship of Natural and Cultural Resources
2. Increasing Resilience to Natural Hazards
3. Enabling Marine Operations
4. The Ocean's Role in Climate
5. Improving Ecosystem Health
6. Enhancing Human Health

As we discussed, it will be important to link the priorities that emerge from the South Atlantic planning effort back to these priorities.

Draft South Atlantic Research Priorities

During the initial "needs assessment phase" of this project, we examined over 90 documents related to research needs in the South Atlantic region (Appendix A). We used this information to construct a master list that contains all the research priorities mentioned in the data. This information was then compiled into categories using the DPSIR (Driver→ Pressure→ State→ Impact→ Response) framework that is being used by the U.N. Food and Agriculture Organization in indicator research and other efforts to evaluate human interaction with the environment.

Following the list are example applications of the DPSIR framework to a research issue from each of the 5 Impact categories listed. We have focused on Impact because these are the signs of environmental change that people see, and to which they may respond. Each model also lists possible linkages to ORPP themes.

South Atlantic Research Priorities

Draft 6/04/07

DRIVERS

- Human population growth
 - Coastal development
 - Seasonal/vacation use
- Watershed activities
 - Urbanization and other land use changes
 - Operation of dams
 - Emissions from industry, waste from power plants
 - Effluent from sewage treatment plants, septic tanks
- Direct alteration of coastal habitat:
 - Construction of docks and marinas
 - Dredging (dredge and fill)
 - Trawling
 - Building seawalls, jetties, etc.
 - Impoundments
- Marine activities
 - Ecotourism
 - Swimming
 - Boating
 - Fishing, shellfishing
 - Aquaculture
 - Shipping activity (operation of ports, ballast water management)
 - Military operations
 - Offshore oil and gas development, extraction
- Climate
 - Precipitation
 - Temperature
 - Storm events
 - Sea level
 - Wind stress
 - Decadal indices and other long-term forcing
- Physical setting
 - Bathymetry
 - Wave environment

produce PRESSURES on the environment

- Point source pollution
- Non-point source pollution, including atmospheric deposition
- Changes in freshwater inflow
- Habitat loss, fragmentation
- Changes in hydrography, bathymetry
- Introduction of invasive species
- Acoustic effects
- Overfishing, bycatch

- Climate effects
 - Increased frequency of hurricanes and other storms
 - Sea level rise
 - Drought, flooding

which affect the STATUS of the environment

- Physical characteristics
 - water circulation patterns
 - residence time
 - sediment transport, rate of erosion
 - extent and location of habitat (wetlands, coral reefs, hard bottoms, salinity zones, etc.)
- Water, sediment quality
 - salinity
 - suspended sediment
 - dissolved oxygen (hypoxia)
 - nutrient concentrations
 - contaminant concentrations (metals, toxins, pharmaceuticals, plastics)
 - coliforms, pathogens
 - pH
 - radioactivity
 - marine debris
- Biological components
 - amount and distribution of primary producers
 - amount and distribution of secondary producers
 - food web interactions
 - species diversity
 - presence of invasive species
 - contaminant concentrations in organisms

which IMPACT human health and ecosystem services

- Habitat loss and degradation
 - wetland loss
 - coral bleaching
 - seagrass dieoff
 - marsh dieback
 - alteration of physical setting (e.g. interruption of sand budget)
- Eutrophication symptoms
 - decrease in submerged aquatic vegetation
 - increase in harmful algal blooms
 - high chlorophyll concentrations
 - fish kills
- Effects on fisheries
 - decreased fish catch
 - increased disease of fish, aquaculture species
 - disruption of food web due to invasive species
- Effects on human health and quality of life

- contaminated fish and shellfish
- beach closures
- Effects on valued species
 - Endangered, Threatened and Species of Concern (i.e. sea turtles, right whales)
 - culturally or commercially valued species (i.e. crabs, shrimp, shellfish, seagrass, coral, finfish)

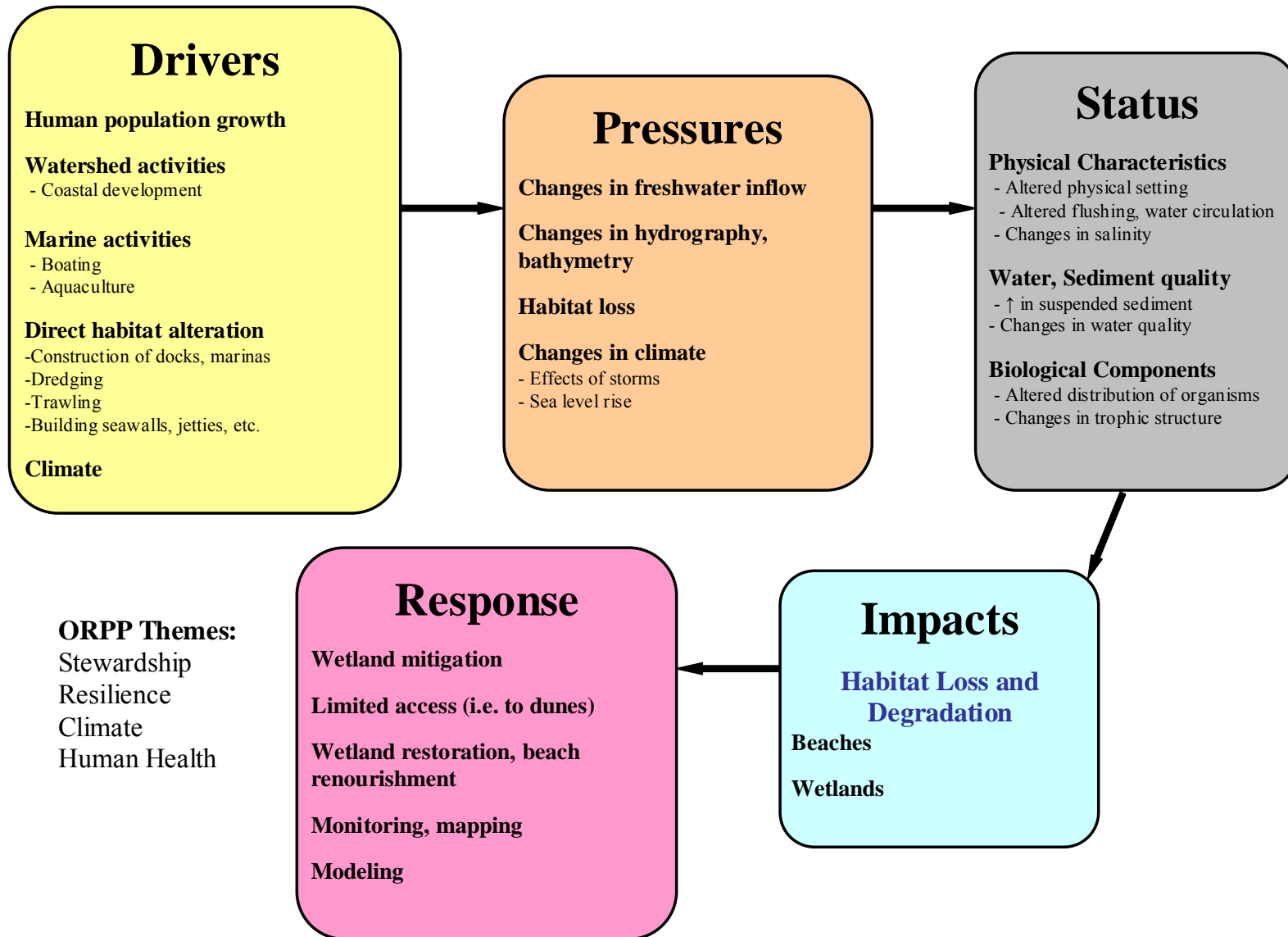
catalyzing human RESPONSES for change

- Point source pollution control: NPDES permits, secondary wastewater treatment
- Stormwater management strategies
 - buffers
 - impoundments
 - retention ponds
 - constructed wetlands
- Habitat mitigation and restoration
 - beach renourishment
 - wetland mitigation and restoration
- Fisheries management
 - fisheries regulations
 - Marine Protected Areas
 - ecosystem-based management
- Eutrophication mitigation
 - targets to decrease nutrient loads
 - best management practices in watershed

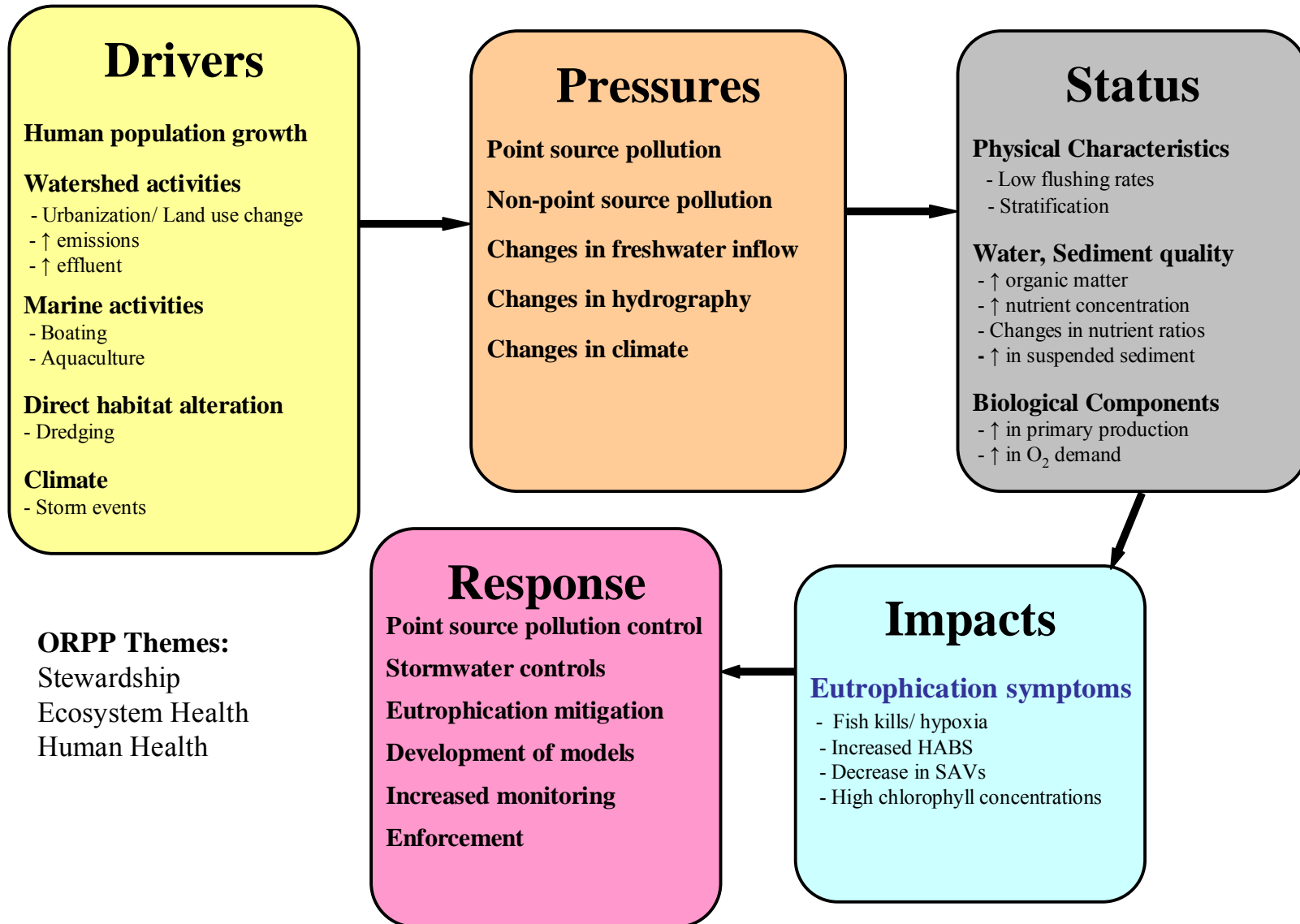
Other Tools:

- Development of predictive models
 - circulation
 - global climate change
 - runoff
- Monitoring for preventative and responsive measures
- Enforcement
 - improved inspection of shellfish and fish
- Changes in legislation
- Education

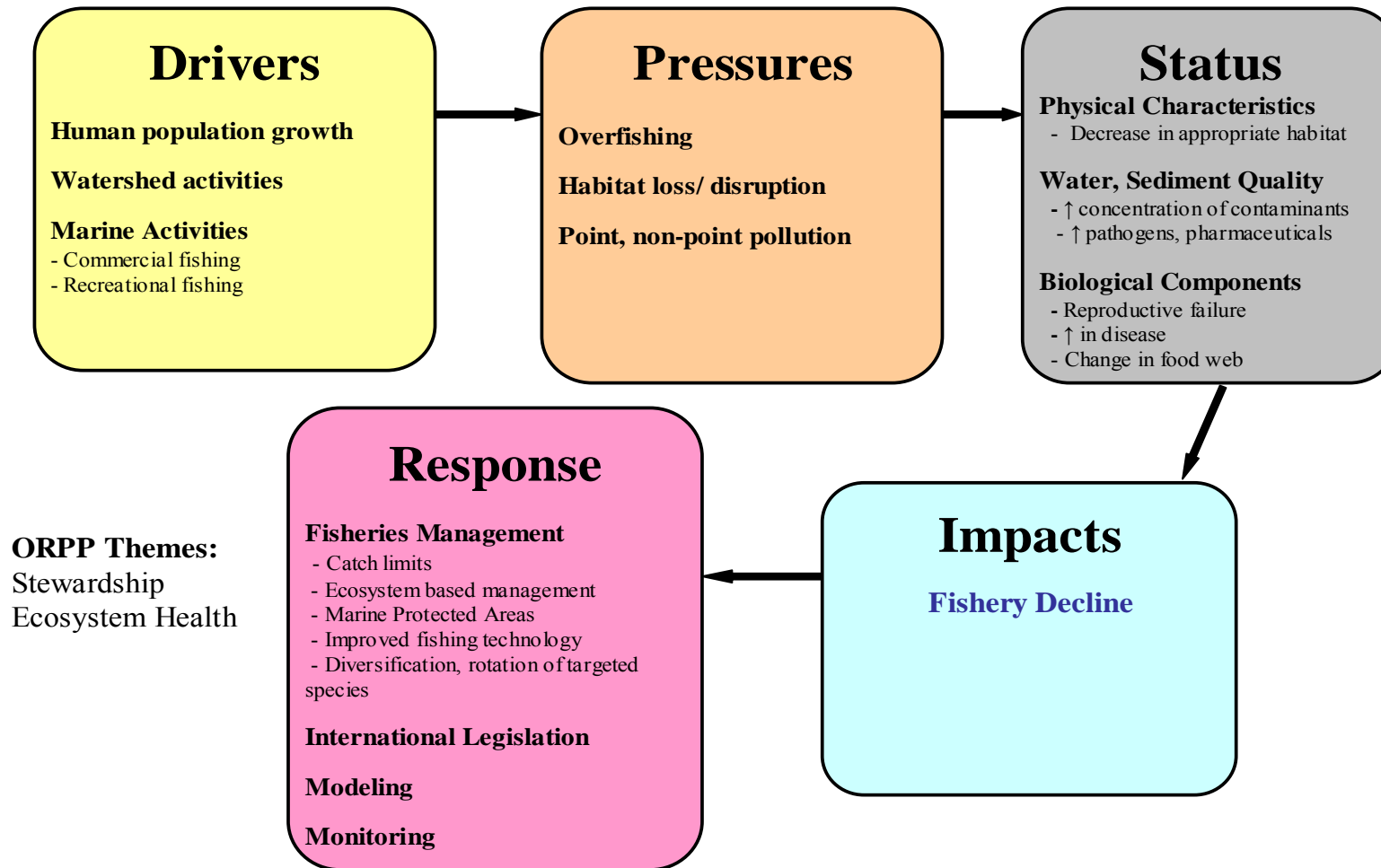
Draft DPSIR: Habitat Loss



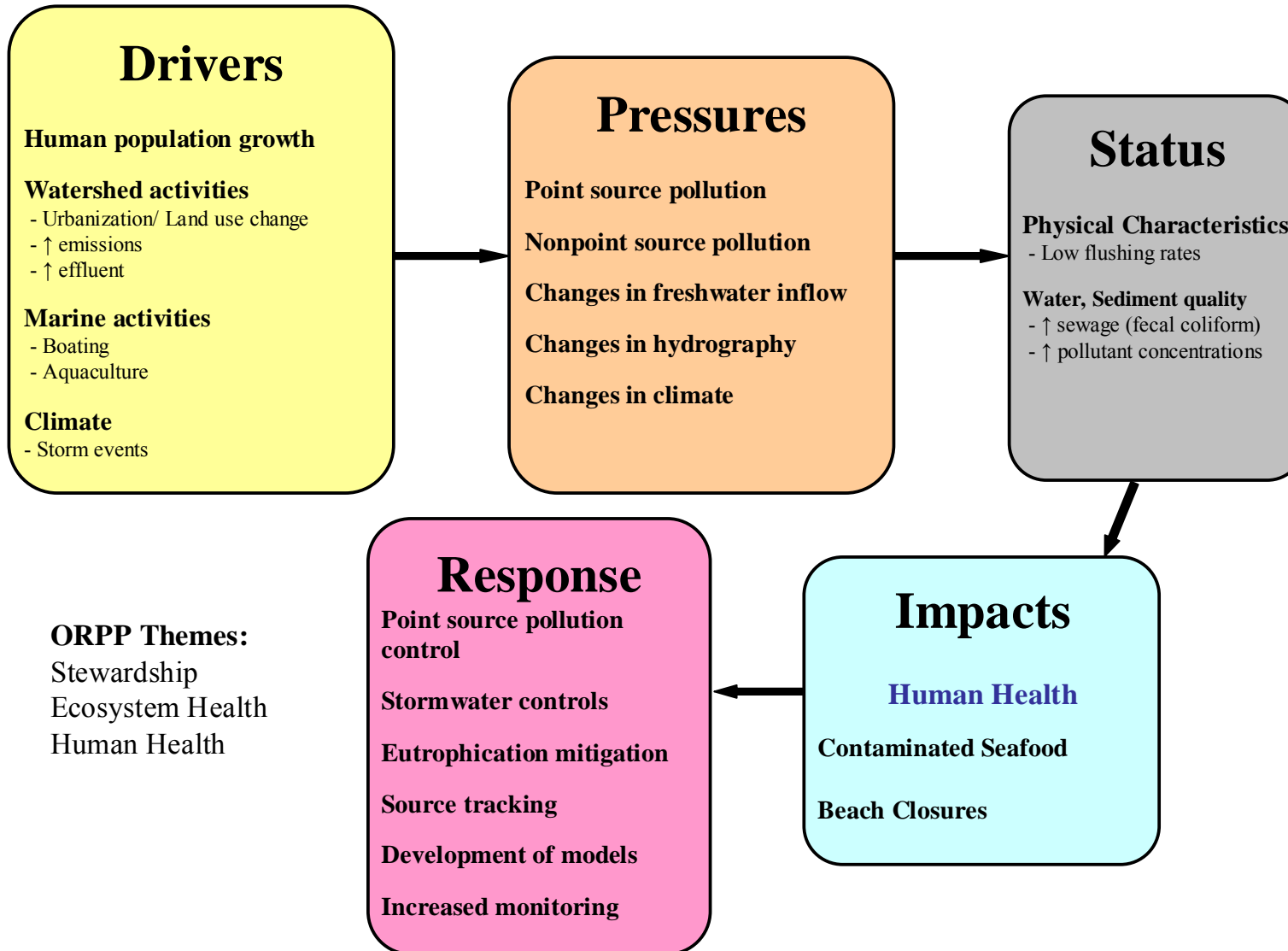
Draft DPSIR: Eutrophication



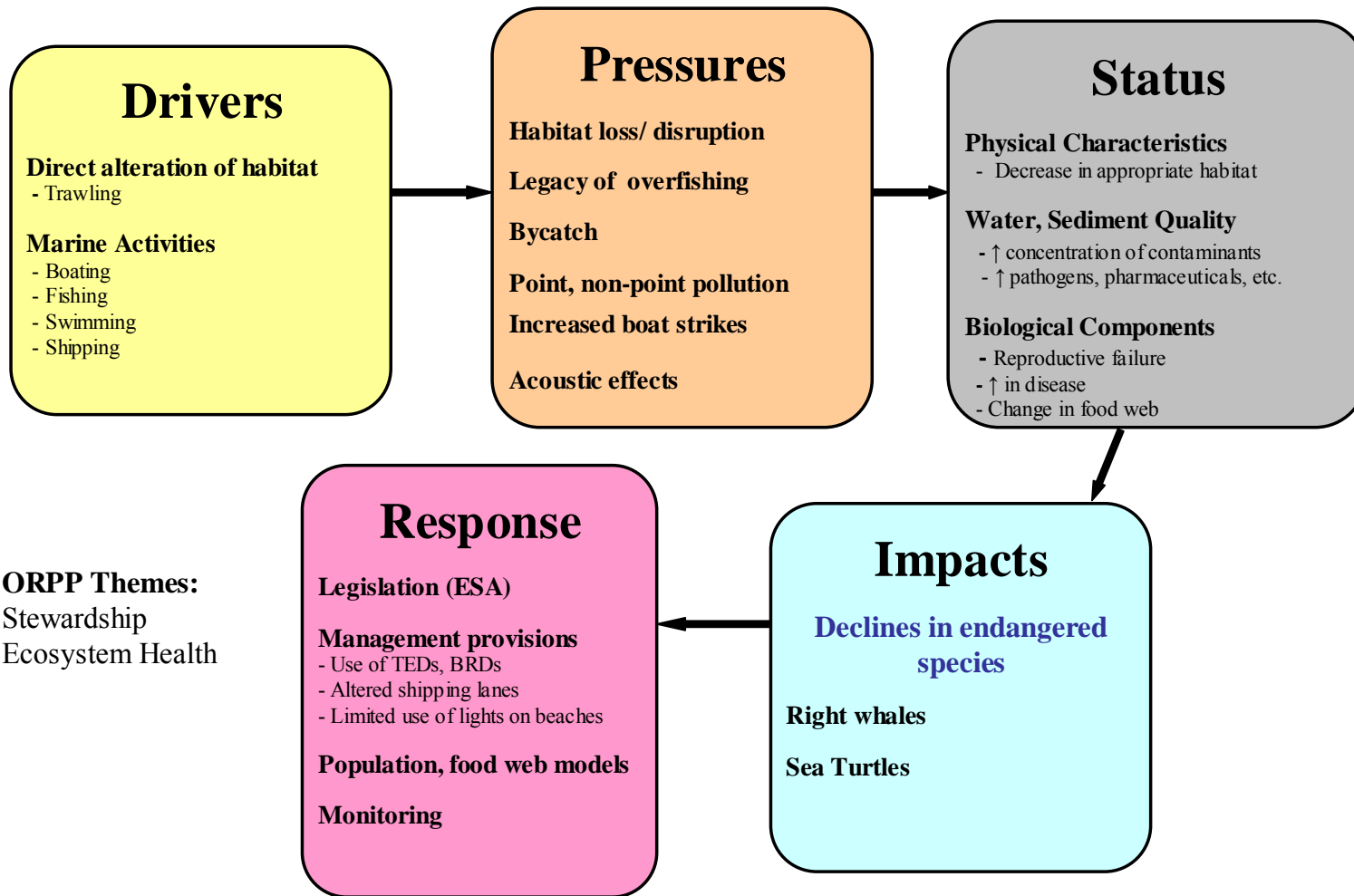
Draft DPSIR: Fisheries



Draft DPSIR: Human Health and Quality of Life



Draft DPSIR: Valued Species



References

Council on Environmental Quality, 2004. U.S. Ocean Action Plan.
<http://ocean.ceq.gov/actionplan.pdf>

United Nations Food and Agriculture Organization, 2005. Coastal GTOS Strategic Design and Phase 1 Implementation Plan. GTOS-36. <http://www.fao.org/gtos/doc/pub36.pdf>

Joint Subcommittee on Ocean Science and Technology, 2007. Charting the Course for Ocean Science in the United States for the Next Decade- An Ocean Research Priorities Plan and Implementation Strategy. <http://ocean.ceq.gov/about/docs/orppfinal.pdf>

U.S. Commission on Ocean Policy, 2004. An Ocean Blueprint for the 21st Century.
http://www.oceancommission.gov/documents/full_color_rpt/000_ocean_full_report.pdf

Appendix A

Southeast Atlantic Regional Research Project's "Needs Assessment"
List of Documents Examined with web links
Draft 6-4-07

STATE SCOPE

Sea Grants in South Atlantic Region

1. NC http://www.ncseagrant.org/files-strategic_plan.pdf
2. SC SC Sea Grant Consortium - SCSGC Biennial Sea Grant RFP Table of Contents
3. GA <http://www.marsci.uga.edu/gaseagrant/pdf/callforproposals.pdf>
4. FLA <http://nsgl.gso.uri.edu/flsgp/flsgpq06001.pdf>
5. <http://flseagrant.ifas.ufl.edu-CallForProposals-forms-CallForProp2008.pdf>

State Government Plans in South Atlantic Region

6. NC Div of Coastal Mgmt
<http://dcm2.enr.state.nc.us/>
7. SC Ocean & Coastal Resource Management (OCRM)
<http://www.scdhec.net/environment/ocrm/>
8. SC CZMP 2006-2010 (pub 2007)
http://www.scdhec.gov/environment/ocrm/notice/docs/SC_CZMP_309_PC.pdf#xml=http://www.scdhec.net/cgi-bin/texis.exe/Webinator/search/xml.txt?query=Coastal+Grants&pr=www&prox=page&rorder=500&rprox=500&rdfreq=500&rwfreq=500&rlead=500&suf=s=1&order=r&cq=&id=45c9199c7
9. GA DNR Coastal resources Division (rfp)
[Georgia DNR, Coastal Resources Division - Request for Proposals - Cycle X](http://www.dnr.ga.gov/CoastalResources/RequestForProposals/CycleX)
10. Fla Coastal Management Program (rfp)
<http://www.dep.state.fl.us/cmp/grants/fcpmgrants.htm>
11. Fla 309 2007-2010
http://www.dep.state.fl.us/cmp/links/files/final_309.pdf
12. Florida Keys National Marine Sanctuary- Comp. Science Plan 2002
http://www.fknms.nos.noaa.gov/research_monitoring/fknms_science_plan.pdf
13. Florida keys national marine Sanctuary REPORT 2006
http://www.fknms.nos.noaa.gov/research_monitoring/exec_summary_intro.pdf

14. Southeast Florida Ocean and Coastal Resources Council- - Multiagency Annual Research Plan 2006 (could not find independent link- internal document?)
<http://masgc.org/gmrp/plans/FLOCC%20I.pdf>
15. SEFCRI NOAA funded interagency - coral reef plan for SE Fla.
http://www.coralreef.gov/las/pdf/SEFCRI_LAS_FINAL_20May05.pdf
16. NOAA – CORIS Coral Reef Fla. Res Plan 2007-2011
http://coris.noaa.gov/activities/coral_research_plan/pdfs/coral_researchplan.pdf
17. Fish and Wildlife Service State wildlife plans (reviewed S. Atlantic only)
<http://www.fws.gov/southeast/SWAP/>

REGIONAL SCOPE

South Atlantic / Gulf of Mexico

18. Coastal Conference on Ecosystem Based Approaches to Management in the Southeast Region report (UNCW) fisheries based. 2006
<http://www.uncw.edu/dpscs/031906aHome.htm>
19. Coastal States Organization, includes survey for SEECOOS needs (reviewed S. Atl. only)
<http://www.coastalstates.org/>
20. EPA Strategic Plan 2006 - 2011: Region IV
http://www.epa.gov/ocfo/plan/regions/region_4_comments.pdf
21. Gulf of Mexico Alliance- Gulf Action Plan
http://www2.nos.noaa.gov/gomex/action_plan/gulfactionplan_final2.pdf
22. Gulf of Mexico Program (EPA)
<http://www.epa.gov-gmpo-mmrc-resassess-2003.pdf>
23. South Atlantic Fisheries Management Council
<http://www.safmc.net/EcosystemManagement/ResearchandMonitoring/tabid/58/Default.aspx>
24. South Atlantic and Caribbean Region Management Plan, 1994 (incl. in GCRC proposal)
<http://www.nap.edu/openbook/0309050960/html/105.html>
25. US Fish and Wildlife Service- South Atlantic Migratory Bird Initiative
<http://samigbird.fws.gov/>

National Park Service Coastal South Atlantic Parks:

26. http://www.nature.nps.gov/water/watershed_reports/TIMU_report_2005-08-17.pdf
27. http://www.nature.nps.gov/water/watershed_reports/fopu_final_01092006.pdf
28. http://www.nature.nps.gov/water/watershed_reports/CAHA_WCA_Final.pdf
29. http://www.nature.nps.gov/water/watershed_reports/Cape_Lookout_Screen.pdf
30. http://www.nature.nps.gov/water/watershed_reports/CUIS_1.pdf
31. <http://www.nps.gov/drto/parkmgmt/upload/RNAfactsheet.pdf>

Southeastern Fresh Water

32. National Institutes for Water Resources
<http://niwr.montana.edu/>
33. NC North Carolina Water Resources Research Institute (NCWRI) Home Page
<http://www.ncsu.edu/wrri/>
34. SC http://www.strom.clemson.edu/teams/water_resources/rfp2007.html
- GA no details
- FL unreadable (listed below)

OTHER REGIONAL

Non-South Atlantic State and Regional Plans

35. CALFED
http://www.calwater.ca.gov/Revitalizing_CALFED/10_Year_Action_Plan_Highlights.pdf
36. Great Lakes Regional Collaboration:
<http://www.glrc.us/strategy.html>
37. Gulf of Maine survey of scientific needs
<http://www.gulfofmaine.org/council/publications/coastalmanagerssurveyreport.pdf>
38. West Coast Governors Agreement:
http://resources.ca.gov-press_documents-WCOceanAgreementp6.pdf

Private and Nonprofit Sector

39. Cooperative Institute for Coastal and Estuarine Environmental Technology
Technology reports (one relevant one- Sapelo Island)
<http://ciceet.unh.edu/news/releases/fallReports/reportRelease.html>

40. *Southern Environmental Law Center- creating a Coastal Research Needs list 6/07
<http://www.southernenvironment.org/>

NATIONAL SCOPE

Coastal and Ocean

41. Council on environmental Quality: U.S. Ocean Action Plan
http://ocean.ceq.gov/oap_update012207.pdf
42. Coastal Services Center survey of clients (16 % were in SE)
<http://www.csc.noaa.gov-survey-06survey.pdf>
43. NSTC Joint Subcommittee on Ocean Science and Technology (JSOST) 2007-2017
Charting the Course for Ocean Science in the U.S. research Priorities for the next Decade
http://ocean.ceq.gov/about/docs/JSOST_briefing_080706.pdf
44. National Estuarine Research Reserve System: Research and Monitoring Plan 2006-2011
http://nerrs.noaa.gov/pdf/Research_Monitoring.pdf
45. National Marine Fisheries Service Strategic plan 2005-2010
http://www.ppi.noaa.gov/pdfs/Strategic_Plans/NMFS_strategic_plan_2005-2010.pdf
46. National Ocean Service 2005-2010 Strategic Plan
http://www.oceanservice.noaa.gov/about/pdfs/nos_strat_plan_2005_2010.pdf
47. National Ocean Service- Oceans, Coasts, and Navigational & Operational Oceanography
Themes
<http://www.oceanservice.noaa.gov/welcome.html>
48. National Ocean Service, NOAA Office of Ocean & Coastal Resource Management
Technical Document No. 00-01OCRM Program Policy Series
State, Territory, and Commonwealth Beach Nourishment Programs - National Overview
<http://coastalmanagement.noaa.gov/resources/docs/finalbeach.pdf>
49. National Research Council review of ORPP
<http://www.nap.edu/catalog/11789.html#description>
50. National Sea Grant Strategic Plans
http://www.seagrant.noaa.gov/other/greenbook_doc/sg_strategic_plan_082304.pdf
http://www.seagrant.noaa.gov/other/greenbook_doc/web_stategicplan.pdf
51. National Weather Service- Strategic Plan 2005-2010
<http://masgc.org/gmrp/plans/NWTHR.pdf>

52. NOAA Strategic Plan 2003-2008
http://oceanservice.noaa.gov/about/pdfs/noaa_strat_plan.pdf
53. NOAA 2006-2011
http://ecosystems.noaa.gov/docs/Strategic_Plan_2006_FINAL_042805.pdf
54. *NOAA Office of Ocean and Coastal Resource Management 2007-2012
http://coastalmanagement.noaa.gov/ocrm_strategicplan.pdf
55. OAR-Office of Oceanic and Atmospheric Research - NOAA Strategic Plan 2005-2010
http://www.spo.noaa.gov/pdfs/OAR_strategic_plan_2005-2010.pdf
56. SIMOR – Subcommittee of Integrated Management of Ocean Resources
Report on Ocean Research Science Priorities
FSTTreport033006.pdf (application/pdf Object)
57. U.S. Ocean Commission report: An Ocean Blueprint for the 21st Century
http://www.oceancommission.gov/documents/full_color_rpt/welcome.html
58. U. S. Coral Reef Task Force (USCRTF) - National Action Plan w/ Local area foci
http://www.coralreef.gov/taskforce/pdf/General_LAS_factsheet.pdf
59. United States Geologic Survey, National Coastal Program proposal: “A National Program Responding to Regional Needs” (mentions SE specifically several times)
<http://marine.er.usgs.gov/coastal-plan/usgs-ntl-coastal-plan.pdf>

INTERNATIONAL SCOPE

60. United Nations Atlas of the Oceans (Issues)
<http://www.oceansatlas.org/html/workissues.jsp>
61. USGS Fla Science Center plan 2005 (no independent link found)
<http://masgc.org/gmrp/plans/USGS%20FISC.pdf>

ISSUES SCOPE

Climate Change in South Atlantic Region

62. Climate Scenarios for Coastal South Carolina and the Southeast Region: What Science tells us could happen in the next 100 years. Carbone, Greg. USC
http://www.heinzctr.org/Programs/SOCW/coastal_vision/charleston_forum_12_2006/presentations/Carbone_Mepkin_Dec_5.pdf

DPSIR model

63. Framework for State of Environmental Reporting, Rapport, D. Paper for UNEP
ftp://ftp.fao.org/agl/emailconf/lada/lada1_singh_ashbindu.doc.
64. Coastal GTOS Strategic Design and Phase I Implementation Plan, GTOS Pub.# 36
<http://www.fao.org/gtos/gtospub/pub36.html>
65. FAO Livestock, Environment and Development LEAD Initiative
<http://lead.virtualcenter.org/en/dec/toolbox/Refer/EnvIndi.htm#DPSIR>

Ecosystems Based Management

66. NOAA- TNC et al “Advancing Ecosystems Based management “ Tool box for managers
<http://www.marineebm.org/>

Fisheries Ecosystem Management

67. South Atlantic Fisheries Management council - Ecosystem Mgmt. Approach general
<http://www.safmc.net/ecosystem/Home/EcosystemHome/tabid/435/Default.aspx>
68. South Atlantic Fisheries Management council 2005 workshop results
<http://www.safmc.net/EcosystemManagement/ResearchandMonitoring/EcosystemResearchWorkshop2005/tabid/233/Default.aspx>

Hazard Mitigation

69. Marine Technology Society Journal Winter 2006/2007 Vol. 40, No. 4
“Stemming the Tide of Coastal Disasters” Part 1- next volume: part 2
Margaret Davidson author of the Introduction
http://www.mtsociety.org/publications/journal_form.cfm
70. Coasts, Estuaries and Oceans – CEO - (from NESDIS site) focus on Hazards
http://www.ppi.noaa.gov/Weatherand_Water/ww_pdfs/Coasts%20Estuaries%20and%20Oceans.pdf

Hypoxia

71. NOAA-Nutrient Pollution in Coastal Waters
<http://www.nccos.noaa.gov/documents/nutrientpollution.pdf>

Invasive Aquatic species

72. Aquatic Nuisance Species Task Force Plan 2007
http://www.anstaskforce.gov/Documents/ANSTF_Strategic_Plan_2007_Final.pdf

Legal Mandates

73. CSCOR_ NOAA- HAB-Hypoxia legislation article
<http://www.cop.noaa.gov/stressors/extremeevents/hab/habhrca/>
74. Clean Georgia website
<http://www.cleangeorgia.org/net/content/page.aspx?s=19578.0.1.19069>
75. Coastal Planning and Management By Robert Kay, Jacqueline Alder- Book
http://books.google.com/books?hl=en&lr=&id=-JRrgKJnH_4C&oi=fnd&pg=RA1-PR10&dq=%22Kay%22+%22Coastal+Planning+And+Management%22+&ots=mOjR93vbMx&sig=Yc_mchqD0edD7oQlqaS4-xzbDrw#PPR7,M1
76. Coasts, Estuaries and Oceans – CEO - (from NESDIS site) –lists legislation
http://www.ppi.noaa.gov/Weatherand_Water/ww_pdfs/Coasts%20Estuaries%20and%20Oceans.pdf
77. Coastal Services Center- NOAA- Legislative Atlas- interactive for coastal and ocean legislation
<http://www.csc.noaa.gov/legislativeatlas/>
78. Georgia Dept. of Natural Resources- Laws affecting wildlife
http://www.gadnr.org/cwcs/PDF/Appendix_G.pdf
79. Gulf of Maine Council - sponsored thesis
http://www.gulfofmaine.org/council/publications/US_Laws_Appendix_B.pdf
80. Northeast Midwest Institute – Biological Pollution, Great Lakes- lists Fed. legislation
<http://www.nemw.org/biopollute.htm>
81. US House of Representatives –109 Congress, 2nd session - HR 5030 amendment to Nonindigenous Aquatic Nuisance Prevention and Control Act of 1990
<http://www.nemw.org/HR%205030.pdf>
82. NOAA Office of Program Planning and Integration- Coasts, Estuaries, and Oceans
http://www.ppi.noaa.gov/Weatherand_Water/ww_pdfs/Coasts%20Estuaries%20and%20Oceans.pdf

Planning

83. Gulf of Maine: outline of a priority-setting process and templates
<http://www.gulfofmaine.org/council/publications/researchpriorities.pdf>
84. Heinz Center Reports
<http://www.heinzctr.org/publications.shtml#majorreports>

85. NOAA's Coastal Governance discussion Paper (2006)
http://coastalmanagement.noaa.gov/czm/discussion_paper.pdf
86. Regional planning in the US coastal zone: a comparative analysis of 15 Special area plans. By Braxton C. Davis, Baruch Institute for Marine and Coastal Sciences, USC, Clemson, SC
http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VG5-4CB09CM-2&_user=655127&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_acct=C000033918&_version=1&_urlVersion=0&_userid=655127&md5=f19f5741b5c6d2030d8f2c6949a8af86

SARRP Council: similar Models

87. Southeast Florida Ocean and Coastal Resources Council
<http://masgc.org/gmrp/plans/FLOCC%20I.pdf>

Social Science

88. National Marine Protected Areas – Regional Priorities for Social Science on Marine Protected Areas: South Atlantic Final Workshop Report
http://www.mpa.gov/pdf/helpful-resources/south_atlantic.pdf
89. NOAA Human Dimensions
<http://masgc.org/gmrp/plans/NOAA%20HD.pdf>

Stressors

90. Center for Sponsored Coastal Ocean research (CSCOR) – NOAA:
<http://www.cop.noaa.gov/stressors/welcome.html>
91. Hollings Marine Laboratory:
<http://www.cop.noaa.gov/stressors/welcome.html>

Technical or Science Reports

92. Florida Keys National Marine Sanctuary Scientific Report 2006
http://www.fknms.nos.noaa.gov/research_monitoring/exec_summary_intro.pdf
93. NOAA Florida Keys National Marine Sanctuary Science Report 2001: Ecosystem Report Card
http://floridakeys.noaa.gov/research_monitoring/2001_sci_rept.pdf

GENERAL INFORMATION

94. Army COE Civil works Plan 2004-2009- Goal: watershed based management
http://www.usace.army.mil/cw/hot_topics/ht_2004/cw_strat.pdf
95. Coastal Services Center 2001-2006 (SC)
http://www.csc.noaa.gov/strategic_plan.pdf
96. EPA Strategic Plan 2006-2011
<http://www.epa.gov/ocfo/plan/plan.htm>
97. Fla. DEP Long Range Program Plan – Goals 2007-2008 FY through 2011-2012 FY- 281
<http://masgc.org/gmrp/plans/FL%20DEP.pdf>
98. National Park Service - Funding the Natural Resource Challenge: Report to Congress 2005- contains information about Natureserve Seamless Partners: Biodiversity Management, Recreation, and Invasive Species Control
<http://www.nature.nps.gov/challenge/congress/report2005/2005ReporttoCongress.pdf>
99. Naval Oceanographic Office- Strategic Plan 2004-2008
<http://masgc.org/gmrp/plans/NAV.pdf>
100. NOAA/CSO Discussion Paper: Current & Future Challenges for Coastal Management 2006
[discussion_paper.pdf \(application/pdf Object\)](#)
101. NOAA Coastal Management site (general descriptions of NOAA coastal programs)
http://coastalmanagement.noaa.gov/ene_gov.html
102. NOAA Ocean Service- Oceans, Coasts, & Navigational & Operational Oceanography Themes
<http://oceanservice.noaa.gov/topics/coasts/ecoscience/welcome.html#authorizing%20mandates>
103. NOAA - NESDIS 2005-2010- support for NOAA
http://www.spo.noaa.gov/pdfs/NESDIS_strategic_plan_2005-2010.pdf
104. NOAA's Strategic Plan for FY 2003 - FY 2008 and Beyond
http://oceanservice.noaa.gov/about/pdfs/noaa_strat_plan.pdf
105. US Dept of Interior 2007-2011
http://www.doi.gov/ppp/Strategic%20Plan%20FY07-12/strat_plan_fy2007_2012.pdf
106. US National Wildlife Service-Strategic Plan 2005-2010- themes, cross cutting objectives
http://www.nws.noaa.gov/sp/Current_Final_NWS_Strategic_Plan.pdf

Hard copies only

107. Estuarine Research Federation: Ocean Research Needs for Coastal Resource Management
108. ERF response to Ocean Research Priorities Plan (from MA)
109. NOAA/ CSC 1995 Working group (from GCRC proposal) – web page not found

Potential Political interest

110. National Governors Association on Coastal planning and policy
<http://www.nga.org/portal/site/nga/menuitem.8358ec82f5b198d18a278110501010a0/?vgnextoid=2a0b9e2f1b091010VgnVCM1000001a01010aRCRD>
111. USGS Federal Budget Requests FY 2008
http://www.usgs.gov/newsroom/article_pf.asp?ID=1618
112. White Water to Blue water Initiative (USAID sponsored NGO)
<http://www.state.gov/g/oes/rls/fs/2002/15624.htm>
113. WW2BW Strategic Plan 2006
<http://masgc.org/gmrp/plans/WWBW.pdf>
114. JSOST site fact sheet re: President's FY -08 budget requests for Oceans
<http://ocean.ceq.gov/oapfactsheet.pdf>

Potentially useful later

115. Coastal States Organization
<http://www.coastalstates.org/>
116. The Coastal Society
[The Coastal Society](#)
117. Cooperative Institute for Coastal and Estuarine Environmental Technology
[CICEET News Release](#) Listed Sapelo one above
118. EPA GOM accomplishments doc
<http://masgc.org/gmrp/plans/GMP%20I.pdf>
119. Florida Fish and Wildlife Research Institute
[Fish and Wildlife Research Institute](#)
120. Georgia Coastal Comprehensive Plan (in process due 9-07)
<http://www.georgiaplanning.com/coastal.htm>

121. IOOS
<http://www.ocean.us/>
122. National Institute of Water Resources (rfp)
https://niwr.net/annual_application/fy2007/2007_RFP
123. NIWR- GA one, but refers to national and does not list priorities
http--www.ce.gatech.edu-research-gwri-Upload-RFP_Letter_FY07.pdf
124. National Sea Grant - general
[National Sea Grant Office Funding and Fellowships](#)
125. NOAA - Coral Reef Information System (CORIS)
<http://www.coris.noaa.gov/>
126. NOAA : Office of Oceanic and Atmospheric Research
http://celebrating200years.noaa.gov/foundations/coastal_research/welcome.html
127. NOAA SAMP CZM
[special_summary.pdf \(application/pdf Object\)](#)
128. SECOORA- Southeast Coastal Ocean Observations Regional Association
[Home Page SECOORA](#)
129. SEACOOS- 2004 Implementation Plan
[Implementation Plan — SEACOOS](#)
130. US Fish and Wildlife Service plan 2007 - Fla only
http://myfwc.com/strategic_plan/Finalstrategicplan.pdf
131. USGS Center for Coastal and Watershed Studies
<http://coastal.er.usgs.gov/>
132. USGS Sound Waves: a monthly newsletter covering coastal and marine science
[Interim Science Priorities Plan Meeting Held in Monterey](#)
133. NOAA- National Center for Coastal Monitoring & Assessment -Coral Reef Ecosystem Assessment and Monitoring Database
http://www8.nos.noaa.gov/bioge_public/reef_photos.aspx

SARRC links checked regularly for timely information:

134. [Baruch Institute](#)
135. [Gulf of Mexico Alliance Working Web Site](#)
136. [Gulf of Mexico Program US EPA](#)

- 137. [The Heinz Center - Home Page](#)
- 138. [NSTC Joint Subcommittee on Ocean Science and Technology \(JSOST\)](#)
- 139. [NOAA Fisheries - National Marine Fisheries Service](#)
- 140. [SAFMC New Site Home](#)
- 141. [NOAA Coastal Services Center Home Page](#)
- 142. US DOI <http://www.doi.gov/>

Unreadable or not found

- 143. EPA Region IV Plan- pages do not load properly
<http://www.epa.gov/ocfo/regionplans/region4/2004strategicplanreg4.pdf>
- 144. The Florida Water Resources

* Document still to be released, or our examination in process