

To: CMWG Monitoring Subcommittee

From: Ivy Frignoca

Date: 18 December 2023

Re: Monitoring Subcommittee Meeting Notes (in the tempest of the storm)

Agenda

Updates:

- STS/Susie Arnold: Highlights are in draft; probably ready to share in January. For coastal and marine, highlighted topics include OA; hypoxia and ability of seaweed to remediate; maintenance of NERACOOS buoys; oceanographic monitoring; invasive and emerging species; fisheries trend monitoring; lack of larval stage data for commercial fisheries; loss of seaweed and seagrass; HABS; marine mammal distributions; carbon budget to include coastal sequestration; SLR- intermediate scenario/commit to manage ok, prepare to manage/high level scenario pushed out 2 decades, also lunar nodal cycle in dampening phase which ends in 2027 so expect to see acceleration of effects of SLR; more focus on human affects including indigenous knowledge, adaptation and resilience, human health, and more communications of effects.
- MCSIE/Parker Gassett: Website to launch soon and be tested for use. Parker will send URL to subcommittee. Focus on collection and dissemination of data, not research. Goal to build user friendly inventory. Parker shared list of coastal and marine topics covered. MCSIE shares info through workshops and web site. Just info, not data sharing yet.

Discussion:

- Several suggestions and need identified to recommend real time sharing of data, could use green, yellow, red or another warning system. Aquaculture and wild harvesters interested in this type of system.
- What are the best institutions for monitoring? Where should data sets be housed? How should disparate data be handled, for example CBEP's experience is that long term data sets curated by the scientists engaged in long term monitoring are the easiest to deal with.
- Other sources of monitoring info: DMR's intertidal monitoring workshop; MOCC (a coast wide collaborative advancing OA monitoring); Maine Coastal and Marine Climate Fund grantee lists (I have these and will share the info.)

What's Missing: Strategy 1 and its Actions

- OSW lack of baseline data may be a good example of how important it is to have baseline data; also example of tradeoffs must be made to reduce GHG. Should any of Road Map be incorporated or cross referenced here?
- Need to elevate and expand Action 5 to address monitoring for social and economic conditions linked to climate change
- Link Actions 3 and 6 with a stronger emphasis on ecosystem change

- Need to rank and prioritize actions
- Equity
- Stronger link to metrics of MWW. For example, which species should we prioritize and what actions are needed; could ask same questions for habitat and social and economic impacts.

Next Steps:

- Meeting ended early due to weather.
- Get guidance tomorrow on work plan and form to use for our work
- Suggest meeting of subcommittee co-chairs to coordinate early in the process and learn of other monitoring and information needs
- Poll or survey within and to other subcommittees
- Do we need to update appendix or keep it for the detail?
- Schedule next meeting: preference for in person with zoom option? Or strictly zoom?