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Gulf Model Analysis for Dec. 6 Hypoxia Task Force

Katja Fennel <katja.fennel@gmail.com>

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To: Rob Magnien - NOAA Federal <rob.magnien@noaa.gov>

Cc: Rob Hetland <hetland@tamu.edu>, Dubravko Justic <djusti1@lsu.edu>, Alan Lewitus <alan.lewitus@noaa.gov>, David Scheurer <david.scheurer@noaa.gov>, Becky Baltes <becky.baltes@noaa.gov>

Dear Rob, Dear All,

Below is a list of items I hope we can deliver, based on some quick e-mail discussions over the weekend. This is the best case scenario (since analyses are ongoing it's difficult to definitively promise), but in any event we will have interesting things you can show.

Related to your items 1 to 3:

- snapshot of 2016 hypoxic area at time of monitoring cruise
- spatially explicit estimate of all the area that was affected by hypoxia
- temporal evolution of 2016 hypoxic area with some analyses of major forcing factors
- comparison against previous years
- assessment of and/or model comparison against 2016 observations (we have in hand only SEAMAP data at this point; Alan is working on getting us access to the other data that were collected)
- slides illustrating insights gained through previous work (could include response to nutrient reductions, bottom water acidification, future projections)

We should be able to deliver well on your items 1 to 3.

Related to your item 4:

We can summarize our thoughts on this -- no problem!

Related to your item 5:

Rob H. has focused on this (in collaboration with Steve DiMarco and others) and will have insights to share.

Everything we deliver for 2016 will come with the disclaimer that analyses are not final.

We got your message regarding the target audience and will try to provide easy-to-understand visuals and animations.

Regarding help with the presentation, I'd love to come (the HTF has been a fascinating entity for me for a number of years now), but whether I can will depend on timing. I have travel until Dec 4 and again Dec 11 to 17. When is your presentation slot?

Cheers, Katja

[Quoted text hidden]

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