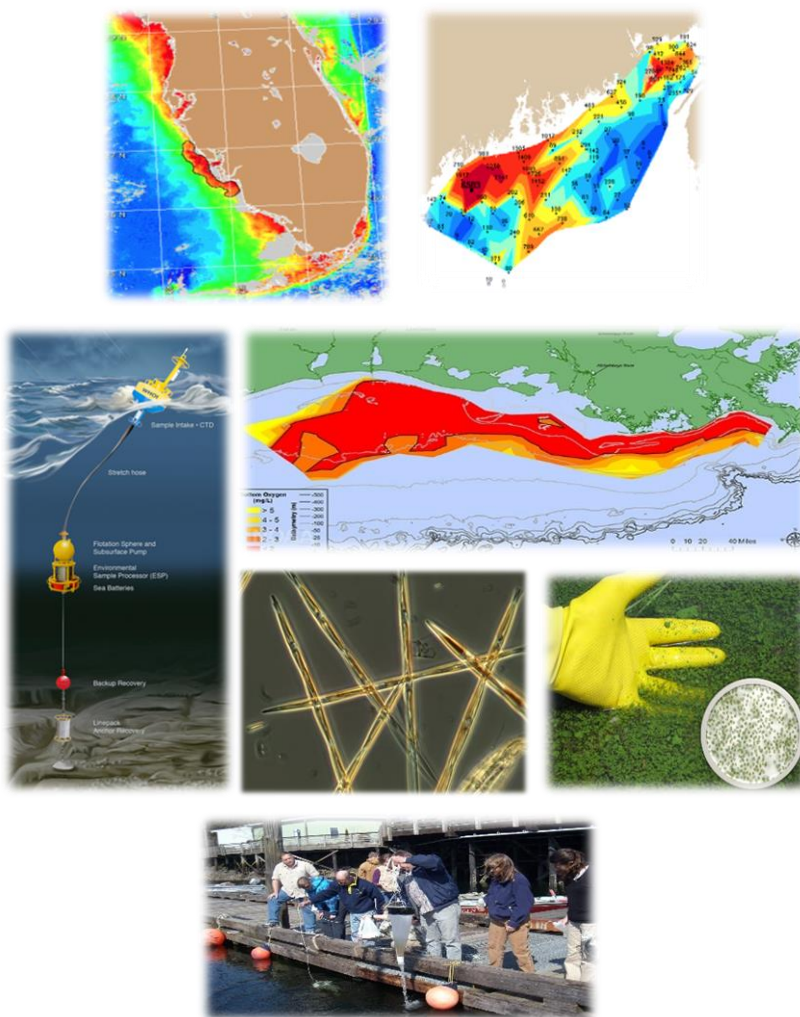


EXTERNAL PEER REVIEW: NCCOS HARMFUL ALGAL BLOOMS AND HYPOXIA PORTFOLIO

Silver Spring, Maryland
26-28 February 2018

Briefing Book and Meeting Materials



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NCCOS HAB and Hypoxia Portfolio Review

DAY 1 (Monday, 26 February 2018)

- 0830 – 0845: Introductions and opening remarks [also introduce Russell] – Steven Thur, NCCOS
- 0845 -- 0900: Welcome from the NOS Assistant Administrator – Russell Callender, NOS
- 0900 – 0930: NCCOS mission, strategic direction, and charge to reviewers – Steven Thur, NCCOS
- 0930 – 0945: Review requirements for research and development in NOAA – Jawed Hameedi, NCCOS
- 0945 – 1000: Question / Answer session
- 1000 -- 1015: BREAK
- 1015 – 1030: Competitive Research Program Overview, collaboration with intramural research – Alan Lewitus
- 1030 – 1045: ECOHAB – program profile, achievements and future direction – Quay Dortch, NCCOS
- 1045 – 1100: PCMHAB – program profile, achievements and future direction – Quay Dortch, NCCOS
- 1100 – 1115: MERHAB – program profile, achievements and future direction – Marc Suddleson, NCCOS
- 1115 – 1130: Event Response – actions, achievements, and future direction – Marc Suddleson, NCCOS
- 1130 – 1145: Question / Answer session
- 1145 – 1230: LUNCH BREAK
- 1230 – 1240: Introduction to NCCOS Hypoxia Research – Alan Lewitus, NCCOS
- 1240 – 1310: Hypoxia modeling, nutrient reduction targets, and stakeholder engagement (northern Gulf of Mexico) – Nancy Rabalais, LSU and Alan Lewitus, NCCOS (presenter)
- 1310 – 1340: Hypoxia modeling, relationship with nutrient loading, water quality targets, and transition planning (Chesapeake Bay, Lake Erie, Gulf of Mexico) – Don Scavia, U Michigan
- 1340 – 1410: Hypoxia modeling, inter-annual variability, water quality improvements (Narragansett Bay) -- Candace Oviatt, U Rhode Island (remote)
- 1410 -- 1440: Hypoxia impacts on living resources and coastal economies – Kevin Craig, F/SEFSC
- 1440 – 1450: Runoff Risk Advisory Forecast (NOAA video)
- 1450 – 1520: Question / Answer session
- 1520 – ADJOURN

1520– 1620: Executive Session [Review Panel only]

1800 – Dinner with Panel

DAY 2 (Tuesday, 27 February 2018)

0830 – 0845: NCCOS sub-priority on HAB and hypoxia, and Implementation Plan – Sherri Fields, NCCOS

0845 – 0915: HAB Modeling and Forecasting Branch profile, achievements and future direction – Wayne Litaker, NCCOS

0915 – 0945: HAB Monitoring and Reference Branch overview – John Ramsdell, NCCOS

0945 – 1000: Question / Answer session

1000 – 1015: BREAK

1015-1055: Satellite imagery-derived HAB forecasting, transition to operational forecasts, outreach and communication [include HAB bulletins] – Rick Stumpf, NCCOS

1055 – 1125: HAB modeling in the Gulf of Maine, toxin detection and estimation of toxicity, and use of ESP data in producing operational forecasts – Dennis McGillicuddy, WHOI

1125 – 1155: Flow Cytobot imaging and modeling of HABs in the Gulf of Mexico -- Lisa Campbell, TAMU

1155 – 1210: Question / Answer Session

1210 – 1300: LUNCH BREAK

1300 – 1320: Phytoplankton Monitoring Network – Steve Morton, NCCOS

1320 – 1340: New HAB detection technologies and monitoring platforms – Greg Doucette, NCCOS

1340 – 1400: Analytical methods and reference materials – Maggie Broadwater, NCCOS

1400 – 1420: Monitoring and observations in Lake Erie – Tim Davis, BGSU

1420 – 1440: NOS-EPA Agreement on HABs in freshwater lakes – Antonio Bravo, US

1440 – 1500: Question / Answer session

1500 – 1530: BREAK

1530 – 1545: HAB bulletins and emerging marine toxins (Pacific Northwest) – Jerry Borchert, Washington DOH (Marc Suddleson presenting)

1545 – 1600: Building Capacity – Tribal laboratory networks and response capabilities – Chris Whitehead, Sitka Tribes of Alaska

1600 – 1615: Building Capacity – international laboratories and NOS-IAEA Agreement – John Ramsdell, NCCOS

1615 – 1630: Question / Answer session

1630 -- ADJOURN

1630 – 1730: Executive Session (Review Panel only)

1800 – Dinner (on your own)

DAY 3 (Wednesday, 28 February 2018)

0830 – 1030: Review Panel deliberations and initial recommendations (Review Panel members only)

1030 – 1100: Review Panel oral presentations to NCCOS leadership -- individual review panel members

1100 – 1145: Presentation of summary of reviewers' comments to NCCOS leadership that may include salient points, recurring themes, or notable exceptions -- Chair, Review Panel

NOTE: Individual written reports from the Review Panel members will be due within 60 days of the review.

1145 – 1200: Thanks and final remarks – Steve Thur

1200 -- ADJOURN