

MBON

Marine Biodiversity
Observation Network

Annual MBON All Hands Meeting

October 22, 2021

11 am - 3 pm ET

Virtual format: ZOOM

ZOOM: [uc](#)

, ID: 83380544149

Please register at: meeting-info.org/biodiversity-2021

Overall meeting goal: Advance the development of a MBON that addresses needs for biodiversity information for effective management and policy-making and supports ecosystem services and human well-being.

MBON Background: marinebon.org

Overview of MBON [Products](#)

[Workshop notes](#)

(Separate - Ben Best's Collaborative [Notes](#))

Meeting objectives:

- Demonstrate benefits of biodiversity monitoring
- Inform MBON teams and participants on progress in key areas that support biodiversity research and applications ('Omics/Environmental DNA, Animal Tracking/Acoustics, Remote Sensing/Seascapes, Biodiversity and Ecosystem Function, Data Management)
- Share successful user engagement stories to advance a sustainable MBON
- Network and partner to advance long term biodiversity monitoring, data sharing, and information product development across existing MBON projects and more broadly as a national model
- Share examples and ideas for outreach graphics
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Participants please add your name/contact information [here](#).

Meeting Facilitator: TBD

11:00 am - 12:00 noon Opening Plenary

11:00-11:10 Objectives and Expected Outcomes (Frank)

11:10-11:20 IOOS and NOPP Marine Life 2030 efforts (Gabrielle)

11:20-11:40 A Vision for MBON Sustainability: The value of partnerships for coordinated biodiversity monitoring (Kris Sarri, National Marine Sanctuary Foundation)

11:40-11:55 Questions and Discussion

11:55 Break (5 min)

12:00 - 12:45 pm Ideas and opportunities emerging from MBON WGs (Jennifer Dorton)

12:00 MBON Working Groups: Updates should speak to application needs, relevance to specific users and next steps

Template for report:

- 1) Name of your working group
- 2) Top 1-3 biodiversity issues team is addressing
- 3) Who owns the issues your team is addressing
- 4) Next steps (data issues, **cross-WG work plans**, etc.)

12:00-12:05 'Omics/Environmental DNA (MBARI/Francisco Chavez)

12:05-12:10 Animal Tracking/Acoustics (UMiami/Neil Hammerschlag)

12:10-12:15 Remote Sensing/Seascapes (OSU/Maria Kavanaugh)

12:15-12:20 Biodiversity and Ecosystem Function (UME/Jeffrey Runge)

12:20-12:25 Data Management (IOOS/Mathew Biddle)

12:25-12:45 Discussion

12:45-1:00 pm Break

1:00-1:45 pm Collective benefits of biodiversity monitoring

- 1:00** Instructions for Breakout Groups (USF/Frank Muller-Karger)
- 1:10-1:45** Breakout Group 1: Lead: Jennifer Dorton / Rapporteur: Katrin Iken
[Notes for Breakout Group 1](#)
- Breakout Group 2: Lead: Jonathan Blythe / Rapporteur: Henry Ruhl
[Notes for Breakout Group 2](#)
- Breakout Group 3: Lead: NASA HQ/Woody Turner /
Rapporteur: Clarissa Anderson
[Notes for Breakout Group 3](#)

Goal / Objective / Questions to ask group (30 min, ~10 min/qst)

Collaborative [Notes](#)

Goal: Demonstrate benefits of biodiversity monitoring

Objective: Strategy for user engagement and implementation ideas

Breakout Group Questions:

- Are you doing something for a user that they will want to continue or expand beyond the life of the project?
- Give specific examples of applications or needs - who is the user, where is the site, what is the need, what MBON approaches were used, what is the product or application?
- “Next steps” for MBON (technologies, data synthesis, applications, steps to solicit or identify management gaps and key services to users and unmet management needs)

- 1:45** Participants regroup
- 1:50-2:00** Breakout Group 1 report
- 2:00-2:20** Breakout Group 2 report
- 2:20-2:30** Breakout Group 3 report

Template for report:

- By 1) Top 1-3 examples for applications of biodiversity information
(Include key steps that made this a success if already underway)
- 2) Priority users that MBON needs to engage
- 3) Next steps to meet the data needs **and for cross-WG work**

2:30 - 2:50 Group Discussion about Next Steps

2:50 - 3:00 pm **Wrap-up**