

MBNMS Superintendent's Report



MBNMS Advisory Council meeting April 16, 2021

Dawn Hayes
Acting MBNMS Superintendent



MBNMS Superintendent's Report



Research

- **10 Years of NOAA's Integrated Ecosystem Assessment**

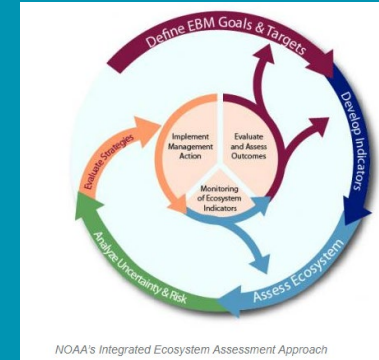
- ✓ Special Edition of *Coastal Management Journal*
- ✓ Highlights ONMS and IEA collaboration 7 papers, 3 on west coast
- ✓ Web story with the information

- **MBNMS Microplastics Paper**

- ✓ *Marine Pollution Bulletin*, April 2021
- ✓ *Microplastics and microfibers in surface waters of MBNMS*
- ✓ First extensive sampling of surface waters

- **Endangered Black Abalone Recovery Efforts Continue**

- ✓ ~ 200 abalone recovered
- ✓ Scoping locations for out planting



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Resource Protection

- Superintendent's notice to move large vessels offshore
 - ✓ Oakland/SF Ports backed up, vessels waiting offshore
 - ✓ Collaboration with USCG Sector SF
 - ✓ Cooperative captains
- Bioreactors for Nutrient Management Presentation
 - ✓ Bioreactors can be used to remove nitrates from ag runoff
 - ✓ 2021 UC Cooperative Extension Annual Nutrient Management Meeting
 - ✓ 60 attendees
- Cover Crop Webinars
 - ✓ 2 workshops, 100 attendees
 - ✓ Prevent erosion, improve soil health, cycle nitrogen

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Operations and Administration

- MPR Process Continues:
 - All documents in second round of internal clearance
 - Consistency Determination
 - Continue making edits to the documents as review progresses

Office of National Marine Sanctuaries
National Oceanic and Atmospheric Administration



MONTEREY BAY NATIONAL MARINE SANCTUARY



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Permits

Research permits

- Partnership for Interdisciplinary Study of Coastal Oceans (PISCO)
- Substrate and deep sea invertebrate collections (MBNMS/CINMS)
- Monterey Bay Urchin Experiments
 - Pacific Grove Marine Gardens SMCA
 - Tanker Reef

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Permits

Education

- Silverback Films for the project “Our Planet on the Move.”
- Wild Space Productions for the Netflix series on National Parks

Special Use

- Low overflights in the NOAA regulated overflight zone offshore of Big Sur for the project "All the Old Knives
- Netflix series on National Parks (Wild Space)