CHANNEL ISLANDS NATIONAL MARINE SANCTUARY

Sanctuary Advisory Council Meeting
Friday, November 19, 2021
9:00 am - 12:30 pm
Online Webinar Session

Draft Key Meeting Outcomes

This online public advisory council meeting was not video or audio recorded.
To request a copy of any of the presentation slides shown, contact june.shrestha@noaa.gov.

Administrative Business and Announcements
California Sea Grant Fellow June Shrestha oriented advisory council members and attendees with introductions regarding sign-in, audio/video set-up, and the protocol for how to participate effectively in the virtual meeting. Sanctuary deputy superintendent Mike Murray confirmed online attendance, counting the presence of 24 council members representing 18 out of 21 voting seats (Appendix 1). In addition to council members, 9 members of the public attended the webinar, as well as 10 sanctuary staff.

September 17, 2021 Draft Key Outcomes
The council approved the draft key outcomes from the September 17th, 2021 advisory council meeting. Michael Cohen (Tourism seat) offered a motion to adopt the notes, which was seconded by Stuart Kasdin. Chair Phyllis Grifman led a voice vote. There were no oppositions to the vote, with one abstention by Merit McCrea (Recreational Fishing alternate). A copy of this document is available upon request to june.shrestha@noaa.gov, and it will be posted online at https://channelislands.noaa.gov/sac/meeting_notes.html.

Proposed Designation of Chumash Heritage National Marine Sanctuary
Paul Michel, Regional Policy Coordinator at NOAA Sanctuaries West Coast Region, presented a brief overview on the Chumash Heritage National Marine Sanctuary designation process. He announced that public comments for the proposed sanctuary can be submitted until January 10, 2022. For a list of ways to provide public comments or learn more, visit: https://sanctuaries.noaa.gov/Chumash-heritage/

Sanctuary Superintendent's Report
Sanctuary Superintendent Chris Mobley began by commending Captain David Beezer (Condor Cruises) who recently hailed a northbound container ship requesting course alteration to avoid a group of 20+ humpback whales in the sanctuary. He then shared some updates to staffing at CINMS and ONMS, including the departure of Pike Spector (CINMS team member since 2019), onboarding of the 2022 California Sea Grant Fellow Samantha Cook (January 2022), and hiring of

Dr. Lisa Wooninck as the new Superintendent at Monterey Bay National Marine Sanctuary. Mobley concluded by sharing about the following: 1) the release of the final management plan for the Monterey Bay National Marine Sanctuary, 2) the release of a new logo and other materials in celebration of the 50th Anniversary of National Marine Sanctuaries, 3) the resumption of Channel Islands Naturalist Corps whale watching volunteer trips, and 4) the completion of NOAA Divemaster Training for CINMS scuba divers.

Council Member Brief Announcements

Council members shared a variety of announcements about recent events from their respective agencies and groups. Written announcements submitted in advance of the meeting are available (Appendix 2).

Guest Presentations: Office of National Marine Sanctuaries Climate Change Developments

Regional Climate Coordinator Sara Hutto (Conservation and Climate Program Coordinator, Greater Farallones National Marine Sanctuary) presented information on the ONMS response to climate change and adaptation outlined in key documents recently published by ONMS, including: 1) Climate Change Impacts - National Marine Sanctuaries West Coast Region, 2) ONMS Climate Resilience Plan (2021- 2023), and 3) ONMS Story Map on Blue Carbon.

She started by sharing the main takeaways of the science, stressing that the West Coast region is predicted to see many impacts of climate change in the coming 70 years, and that the national marine sanctuaries are responding by focusing on science, adaptation, communication and mitigation. She highlighted the work that the West Coast Regional Climate Team has already done to address ONMS goals for responding to climate change, including 1) increasing our understanding of climate impacts, and 2) implementing actions to increase sanctuary resilience to climate change. Hutto concluded by discussing the importance of blue carbon as a tool to combat climate change in sanctuaries, and encouraged members to learn more by visiting the story map.

Update on CINMS Draft Management Plan

Deputy Superintendent of Programs Mike Murray and California Sea Grant Fellow June Shrestha presented updates on the CINMS Draft Management Plan. Shrestha started by sharing how the plan only changed in minor editorial ways since the council last heard an update on the plan in March 2021. Murray then explained the next steps for the release of the document, which will hopefully be publicly available in about one month. Murray explained that the January 2022 meeting will include time to solicit comments from council members, and he also asked council members to start thinking about convening working group or subcommittee meetings to solicit feedback from their constituents.

Public Comment

No public comments.

Council Officer Elections

Prior to the meeting, Kristen Hislop (Conservation seat) was nominated for Chair and Phyllis Grifman (Research) was nominated for Secretary. No new nominations were offered during the meeting. Verbal "ayes" voted to support both nominations. Therefore, Kristen Hislop is the new Chair and will convene over the January 2022 meeting. Phyllis Grifman is the new Secretary.

Close-out and Schedule for Future Council Meetings

Chair Phyllis Grifman mentioned the upcoming meeting schedule, offered closing remarks, and June Shrestha took a screenshot photo. Upcoming 2022 Advisory Council meetings will be held on the following dates:

- Friday, January 21 (online, or Santa Barbara County)
- Friday, March 18 (online, or Ventura County)
- Friday, May 20 (online, or Santa Barbara County)
- Friday, July 15 (online, or Ventura County)
- Friday, September 16 (online, or Santa Barbara County)
- Friday, November 18 (online, or Ventura County)

Appendix 1. Attendance: Sanctuary advisory council online meeting, November 19, 2021

Name	*Advisory Council Seat*	*Attendance*
Michael Cohen	Tourism member	Yes
Morgan Coffey	Tourism alternate	No
Ben Pitterle	Non-Consumptive Recreation member	Yes
Dr. Anthony (Tony) Knight	Non-Consumptive Recreation alternate	Yes
Giles Pettifor	Business member	Yes
Paul Amaral	Business alternate	Yes
Kristen Hislop	Conservation member	Yes
Samantha Macks Franz	Conservation alternate	Yes
Dr. Kim Selkoe	Commercial Fishing member	No
Timothy Athens	Commercial Fishing alternate	No
Capt. David Bacon	Recreational Fishing member	Yes
Merit McCrea	Recreational Fishing alternate	Yes
Cliff Rodrigues	Education member	Yes
Andrea Mills	Education alternate	No
Phyllis Grifman	Research member	Yes
Dr. Robert Miller	Research alternate	No
Dr. Douglas Williams	Public-At-Large member	Yes
Mary Byrd	Public At-Large alternate	Yes
Dr. Stuart Kasdin	Public-At-Large member	Yes
Amanda Allen	Public At-Large alternate	No
Eva Pagaling	Chumash Community member	No
Tano Cabugos	Chumash Community alternate	Yes
Daniel Studt	National Marine Fisheries Service member	No
<vacant>	National Marine Fisheries Service alternate	Yes
Ken Convery	National Park Service member	No
<vacant>	National Park Service alternate	n/a
CDR Justin Noggle	U.S. Coast Guard member	Yes
LT Lelea Lingo	U.S. Coast Guard alternate	No
Donna Schroeder	Bureau of Ocean Energy Management member	Yes
Jeremy Potter	Bureau of Ocean Energy Management alternate	No
Greg Sanders	Dept. of Defense member	Yes
Adam Melerski	Dept. of Defense alternate	Yes
Carlos Mireles	California Dept. of Fish & Wildlife member	Yes
John Ugoretz	California Dept. of Fish & Wildlife alternate	No
Jenn Eckerle	California Natural Resources Agency member	No
Lindsay Bonito	California Natural Resources Agency alternate	Yes

Cassidy Teufel	California Coastal Commission member	No
Jacqueline Phelps	California Coastal Commission alternate	Yes
Errin Briggs	County of Santa Barbara member	Yes
David Villalobos	County of Santa Barbara alternate	No
Danielle Tarr	County of Ventura member	No
Mark Sandoval	County of Ventura alternate	No
Dawn Hayes	Monterey Bay National Marine Sanctuary member (non-voting)	No
Karen Grimmer	Monterey Bay National Marine Sanctuary alternate (non-voting)	No
Maria Brown	Greater Farallones National Marine Sanctuary member (non-voting)	No
Brian Johnson	Greater Farallones National Marine Sanctuary alternate (non-voting)	No
Chris Mobley, Superintendent	Channel Islands National Marine Sanctuary member (non-voting)	Yes
Mike Murray (staff)	Channel Islands National Marine Sanctuary alternate (non-voting)	Yes
	Total number of individual SAC members (voting seats only)	**24**
	Number of voting seats represented (out of 21)	**18**

Appendix 2. Copy of written announcements from council members submitted as of 9/15/21

Written Member Announcements

Channel Islands National Marine Sanctuary Advisory Council

Submitted as of November 17th, 2021

Name: Kristen Hislop
Seat: Conservation
Announcement: Chumash Heritage National Marine Sanctuary Nomination

https://www.federalregister.gov/documents/2021/11/10/2021-24609/notice-of-intent-to-conduct-scoping-and-to-prepare-a-draft-environmental-impact-statement-for-the

https://chumashsanctuary.org/

https://www.sanluisobispo.com/news/local/article254754177.html

As will be discussed during the SAC meeting, the CHNMS nomination has moved into scoping and comments are due January 10, 2022.
The Northern Chumash Tribal Council recently updated their website on the CHNMS nomination. You can visit this site for updates, links to a petition in support of the nomination, and more.
Fred Collins, the Chairman of the Council and lead on the nomination, recently passed away. The link above takes you to a San Luis Obispo Tribune article about Fred.

Name: Kristen Hislop
Seat: Conservation
Announcement: BOEM announces final Wind Energy Area for Morro Bay offshore wind

https://www.boem.gov/renewable-energy/state-activities/morro-bay-wind-energy-area

BOEM finalized the offshore Wind Energy Area for the Morro Bay Call Area. There will be two public scoping meetings (dates TBD), and comments on the WEA are due January 11, 2022.

Name: Daniel Studt & Karen Edson
Seat: NOAA Fisheries

Announcement: New national marine ecosystem status website
Relevant Links: https://ecowatch.noaa.gov/regions/california-current

The National Marine Ecosystem Status Website was created to provide a snapshot of major U.S. marine ecosystem indicators. This site captures the status and trends of seven U.S. ecosystem regions (including the California Current) and overall, national status while also providing the opportunity to explore the key indicators for a particular topic area. This site provides users with links to more detailed sources of NOAA data and information. Information on this site is sourced from publicly available data and is updated annually.

Name: Daniel Studt & Karen Edson
Seat: NOAA Fisheries
Announcement: Native Abalone Curriculum Developed for Santa Barbara High School Student
https://www.sbnature.org/publications/press-releases/86/raising-abalone-and-environmental-awareness

The Cultured Abalone Farm (TCAF), the Santa Barbara Museum of Natural History Sea Center, and NOAA's Southwest Fisheries Science Center recently teamed up to develop a curriculum for Santa Barbara High School students to explore abalone aquaculture both in the classroom and at a commercial abalone farm. Students will learn how California abalone aquaculture is producing not only high quality, sustainable food, but the role of aquaculture in conserving critically endangered white abalone populations. Following their training, students will have the opportunity to earn volunteer hours, a graduation requirement for Santa Barbara County, at the Sea Center to share their new knowledge with visitors at the Sea Center's white abalone exhibit.

Name: Daniel Studt & Karen Edson
Seat: NOAA Fisheries
Announcement: Additional student/educator opportunities with NOAA

NOAA has a number of student/educator opportunities that we'd like to highlight.

Saving the Southern Resident Killer Whales
This project-based learning unit for middle schools was launched in August and includes supplemental audio files, slide decks, and assessments.

Spanish Translations
We are proud to announce that our newest curricula (An Incredible Journey and Saving the SRKW) are now available in Spanish. These translations will help inspire conservation and stewardship in the 3.8 million English language learner public school students who speak Spanish at home.

National Ocean Sciences Bowl (NOSB)
NOSB is an academic competition and program that addresses a national gap in environmental and earth sciences in public education by introducing high school students to and engaging them in ocean science, preparing them for ocean science-related and other STEM careers, and helping them become knowledgeable citizens and environmental stewards.

NOAA Live!
NOAA Live! webinars provide students access to scientists, real-life examples of possible career paths, and the opportunity to have fun interacting with others outside their home in a safe way

Skype a Scientist
Skype a Scientist gives subject matter experts the opportunity to share their passion and work with students and the public around the world.

Name: Daniel Studt & Karen Edson
Seat: NOAA Fisheries
Announcement: NOAA Maps Options for Aquaculture Opportunity Areas in the Gulf of Mexico and Southern California Bight

https://www.noaa.gov/news-release/noaa-analyses-to-inform-aquaculture-siting-in-gulf-of-mexico-and-southern-california

NOAA released two Atlases compiling the best available science to inform the identification of Aquaculture Opportunity Areas (AOAs) in the Gulf of Mexico and Southern California. NOAA previously identified these regions for their potential to host sustainable commercial aquaculture development in the United States. Areas in the Atlases will have characteristics expected to support multiple types of aquaculture industries including finfish, shellfish, seaweed, or some combination.

Name: Karen Grimmer and Lisa Wooninck
Seat: Monterey Bay National Marine Sanctuary
Announcement: Dr. Lisa Wooninck selected as new MBNMS Superintendent

The NOAA Office of National Marine Sanctuaries is pleased to announce that Dr. Lisa Wooninck has been selected as the next superintendent for Monterey Bay National Marine Sanctuary. Dr. Wooninck has worked for NOAA for over 20 years, her first seven years with the National Marine Fisheries Service and the past 14 years in various roles for the Office of National Marine Sanctuaries. With the Office of National Marine Sanctuaries, Dr. Wooninck has served as a resource protection specialist at Monterey Bay National Marine Sanctuary and for over a decade at the West Coast Regional Office as a regional policy coordinator. For most of her time at NOAA Sanctuaries, Dr. Wooninck has represented the agency on the Pacific Fishery Management Council's Habitat Committee. She has also served two temporary assignments as acting superintendent for Gray's Reef National Marine Sanctuary and Monterey Bay National Marine Sanctuary. Prior to coming to NOAA, Dr. Wooninck served as a Knauss SeaGrant fellow for Congressman Sam Farr.

Name: Karen Grimmer and Lisa Wooninck
Seat: Monterey Bay National Marine Sanctuary
Announcement: NOAA releases final rule for Monterey Bay National Marine Sanctuary

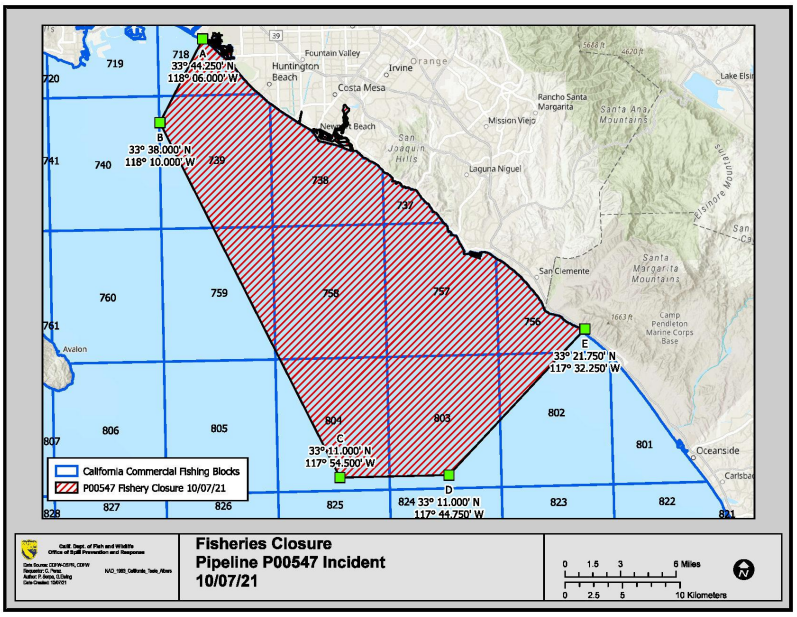
https://montereybay.noaa.gov/intro/mp/welcome.html

The National Oceanic and Atmospheric Administration (NOAA) released the final management plan, final environmental assessment, and a final rule, which includes minor changes to the regulations of Monterey Bay National Marine Sanctuary. The new management plan includes proposed strategies and action plans for conservation and management of the sanctuary's resources over the coming decade. The regulatory changes will allow additional options for the protection or restoration of beaches and other coastal areas. NOAA is also making changes to improve access for motorized personal watercraft users and to reduce disturbances of sensitive resources. The regulations become effective 30 days after the rulemaking is published in the Federal Register.

Name: Cliff Rodrigues
Seat:Education
Announcement: “Wanted Alive” - White abalone project.

Sanctuary staff is wrapping up the development and outreach products for reaching out to dive clubs. Tony Knight and I have met with staff on this project.

Name: Carlos Mireles
Seat: California Department of Fish and Wildlife
Announcement: Huntington Beach Oil Spill Fishery Closure
https://socalspillresponse.com/fisheries-closure/



Due to the Huntington Beach Oil Spill that occurred on October 3rd, a fishery closure of all recreational and commercial fisheries is currently enacted in Southern California from Sunset Beach (Orange County) south to Camp Pendleton (San Diego County). This closure was recommended by the Office of Environmental Health Hazard Assessment (OEHHA) to prevent the consumption of fish and invertebrates that may have been affected by the spill. CDFW Marine Region staff assisted OEHHA and the Office of Oil Spill Prevention and Response (OSPR) to design and carry out a sampling plan to collect a suite of over 20 ecologically and economically important fish and invertebrate species throughout the spill zone for contaminant testing. Results are expected by the end of November, at which time OEHHA will provide a recommendation on whether fisheries can be safely re-opened. For additional information about the fishery closure, please visit Fisheries Closure (socalspillresponse.com)

Name: Lindsay Bonito
Seat: California Natural Resources Agency
Announcement: Ocean Protection Council updates

1. Upcoming OPC Meeting – December 7
The OPC will convene to discuss the approval of funds to support Proposition 1 projects that will benefit communities entitled to environmental justice and improve water quality and OPC's first annual coast and oceans report. The full agenda is posted on the OPC website, with instructions on how to participate and provide comment.

2. MPAs the Decadal Management Review
Summary reports from statewide long-term monitoring efforts will be made publicly available in early 2022. These reports are an important component of the Decadal Management Review (DMR) and will inform how the MPA Network has made progress in meeting the goals of the MLPA. Additionally, CDFW hosted a series of community meetings in October and November to both share information about the DMR and invite community members to share their perspectives about the Network and MPA Management Program.

3. 30x30
OPC leadership and staff continue to work closely on the coastal and ocean components of California's 30x30 initiative. Recommendations from the Conservation of Coastal Waters Advisory panel report have been integrated into a draft "Pathways to 30x30" document, which will detail opportunities and strategies to achieve 30x30 in California.

The pathway to conserving 30% of California's coastal waters will include the 16% of state waters currently protected within MPAs and a prioritized focus on working with federal resource managers to strengthen biodiversity conservation measures in California's National Marine Sanctuaries. Examples of potential measures to consider in NMS could include mandatory vessel speed reductions, phasing out the use of particularly harmful fishing gear or making existing gear restrictions permanent, strengthening water quality protections, restoring degraded habitats, and banning single-use plastics within Sanctuary watersheds. Additionally, restoring and revitalizing Tribal stewardship is a critical step toward conserving coastal and ocean biodiversity and achieving the 30x30 target. *A draft of the Pathways document should be released in December 2021, with the final document completed some time in the first few months of 2022.*

4. Aquaculture Principles and Action Plan
The development of the statewide Aquaculture Action Plan is underway and proceeding on schedule with planned completion by 2023. NCEAS and California Sea Grant, in close partnership with OPC staff, finalized membership of both the community and scientific listening groups as well as held initial meetings of both (on 7/19 and 8/23 respectively). This was part of the process to develop a working draft of the Action Plan, with completion of the first full draft expected in the next few months. In addition to moving forward on the Aquaculture Action Plan, OPC publicly released the Guiding Principles for Sustainable Marine Aquaculture in CA at the June OPC meeting.

5. Tribal Engagement Strategy and Listening Sessions
OPC is seeking to consult and collaborate with CA Native American Tribes on the development of a Tribal Engagement Strategy, which will provide a framework for enhanced partnership between OPC and Tribes on ocean and coastal matters. OPC will be holding listening sessions this month to hear and discuss Tribes' perspectives on two key issues: (1) best practices for conducting outreach and engaging with Tribes in a respectful and effective manner, and (2) Tribes' priorities for coastal and ocean conservation and management. Outcomes of these listening sessions will inform the development of a draft Tribal Engagement Strategy. There will be additional opportunities for consultation once the draft strategy is developed. OPC staff are anticipating presenting the Strategy to the June 2022 OC meeting.

6. Offshore Wind
OPC is supporting the Consistency Determination process through funding a series of projects that have been identified as key environmental and cultural information gaps. Recently funded and planned projects include: support for spatial environmental and ocean use mapping and modeling projects; synthesis of existing data; and an inventory of Tribal cultural resources.

7. Equity Plan & EJ Advisory Group
OPC staff, in collaboration with grantee, Better World Group (BWG), have embarked on a process to develop the OPC's Equity Plan (Plan). When complete, OPC staff and leadership will leverage the Plan to advance more equitable and comprehensive ocean and coastal science research, policies, programs and projects that reflect the connection between people, communities, and natural systems. OPC and BWG recruited an EJ Advisory Group, comprised of expert community leaders and advocates representative of California's diverse regions, to participate in the process and inform the Plan's development. The EJ Advisory Group has been formally convened and strategy sessions are currently underway. Group members will engage on the Plan's development by providing feedback on coastal and ocean equity issues through focused discussions, leading to several iterations of the Plan. The EJ Advisory Group members are listed below; more information about them will be posted on OPC's website in the coming weeks. OPC staff are anticipating presenting the Strategy to the June 2022 OC meeting.

8. New Staff at OPC!

- Jennifer Savage, Policy and Communications Manager
- Kaitlyn Kalua, Water Quality Program Manager

Name: Jacki Phelps
Seat: California Coastal Commission
Announcements:

The Ventura office is hiring a **Coastal Program Analyst I/II**. Please forward this posting to anyone that may be interested and feel free to have them get in touch with me at jacqueline.phelps@coastal.ca.gov. Information about the position can be found here- Microsoft Word - CPA I.II_PermitPlanner_Ventura_9.13.2021.docx (ca.gov)