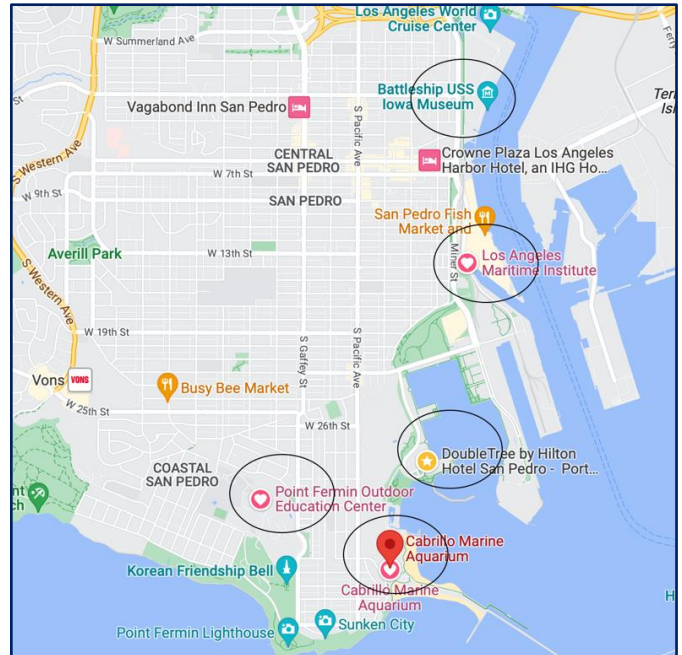


Pacific Region NARM 2023 February 24th - 25th, 2024

The **Pacific NARM** is hosted by **California Strong**, an Earth System Science collaborative. Our local host, the Pt. Fermin Los Angeles Office of Outdoor Environmental Education is partnering with the WestEd/UC Berkeley GLOBE partnership to bring you a unique and memorable experience that will shadow the GLOBE student experience. Space is limited to 20 participants. We will visit three local organizations who have formed partnerships with Pt. Fermin in order to provide these GLOBE experiences.



Our first event location Saturday morning will be at the Cabrillo Marine Aquarium. Here we will experience a tour of the aquarium that will inspire exploration, respect and conservation of marine life. We will learn about water quality issues facing our coastal environments.

After lunch on Saturday, we will travel to the Los Angeles Maritime Institute (LAMI) where we will board a tall ship for a 3-hour sail. We will have a hands-on experience at sea that will provide an array of social, educational, and environmental learning. We will conduct atmosphere and hydrosphere GLOBE protocols.



At the end of the day on Saturday we will travel back to Pt. Fermin for water quality testing and microplastics analysis of our samples collected throughout the day.

On Sunday morning we will travel to the USS Iowa for an interactive tour of sustainable systems that combines history and STEM education.



This NARM event will have an opportunity for train-the-trainer certification in atmosphere and hydrosphere GLOBE protocols. Have questions or want more information? Please contact Tracy Ostrom tostrom@berkeley.edu.

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Getting to the Pacific NARM: Participants are expected to make their way to Los Angeles on Friday February 23rd. The event will begin on Saturday February 24th and continue through noon on Sunday February 25th. Participants can schedule their departure from the hotel after 12:30 pm on Sunday February 25th. (Expect a 45-minute drive from the hotel to the Long Beach airport on Sunday February 25th.)

Event Locations: Point Fermin Outdoor Environmental Education Center (OEEC), Cabrillo Marine Aquarium, Los Angeles Maritime Institute, USS Iowa

Recommended Airport: The closest airport to the event is the Long Beach airport. It is 17 miles from Pt. Fermin OEEC and 10 miles from the recommended Doubletree hotel in San Pedro.

Travel from airport to lodging/event location: On Friday February 23rd, participants will arrange travel from the Long Beach airport to the Doubletree Hotel in San Pedro (approximately 10 miles from the airport.) On Saturday February 24th, a shuttle van will pick up NARM participants at 8:00 am. The shuttle will take care of all travel to event locations and will return participants to the hotel at the end of the day. The shuttle will also pick participants up and drop them off at the hotel on Sunday the 25th. Participants will need to arrange travel from the hotel back to the Long Beach airport after 12:30 pm on Sunday.

Parking information: Check with the hotel for overnight parking rates. There are no parking fees at Pt. Fermin OEEC. Individual cars will be left at Pt. Fermin during the day on Saturday and Sunday as we will travel together in the shuttle to our event locations.

Start and End Times Each Day:

Saturday February 24th Start 8:00 am to 6:00 pm

Sunday February 25th Start 9:00 am to 12:30 pm

Lodging and Meals: Participants are expected to cover their own travel to and from the recommended hotel from the airport and all lodging and parking costs for personal cars. Participants are also expected to cover the costs associated with their breakfasts and dinners.

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Recommended Lodging: We have secured a discounted government rate at the Doubletree Hotel by Hilton in San Pedro for \$182/night under the block “GLOBE”. You will have to make your own reservations and pay with your own credit card. We have reserved 15 rooms at this rate on a first come, first serve basis. The shuttle will only pick up from and return participants to the Doubletree.

Travel from Lodging to Event Locations: We will shuttle you from the Doubletree to all event locations and return you back to the hotel by 6:00 pm on Saturday and by noon on Sunday. Participants with cars, please check the hotel and event locations for parking fees and/or restrictions.

Meals provided during the event: We will provide lunch for attendees on the 24th and 25th. Attendees will be on their own for breakfasts and dinners.

Please bring with you: Please dress in layers. It will be colder on the tall ship. A hat and sun screen are recommended.

Anything participants may need during the event: Participants who wish to be trainer-certified need to register for the train-the-trainer workshop on the GLOBE website and complete any forms required by GLOBE. All participants are expected to have the updated GLOBE Observer app on their smart phones.

Draft Agenda:

Saturday February 24th		Sunday February 25th	
Time	Event	Time	Event
8:00 am	Pick up at Doubletree	9:00 am	Pick up at Doubletree
8:30 am	Orientation – Pt Fermin OEEC	9:30 am	USS Iowa Tour
9:30 am	Cabrillo Maritime Aquarium	11:30 am	Box Lunches
11:30 pm	Box Lunches	12:30 pm	Return to Doubletree
1:00 pm	Los Angeles Maritime Institute Tallship		
4:30 pm	Pt. Fermin OEEC		
6:00 pm	Return to Doubletree		

Contact Information: Tracy Ostrom tostrom@berkeley.edu 510-219-0538