

## Ocean Studies Board

October 2-3, 2023

Keck Center

500 5<sup>th</sup> St NW, Washington, DC 20001

Room K105

OPTIONAL IMAGE AREA

# 101<sup>st</sup> Meeting

**MONDAY, OCTOBER 2, 2023**

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### Purpose

- Special session on Ocean Heatwaves
- Updates from other academies units
- Meeting of the U.S. National Committee for the Ocean Decade.

#### 10:30-10:40 **Welcome and Introductions**

Claudia Benitez-Nelson, Chair

#### 10:40-11:00 **Planning for COP28**

Kelly Oskvig, OSB

#### 11:00-12:00 **Achieving Healthier Oceans – Why the Fukushima Plan Undercuts Progress**

Robert Richmond, University of Hawaii at Manoa

Ken Buesseler, WHOI

#### 12:00-1:00 **Lunch Break**

#### 1:00-3:00 **Ocean Heatwaves**

**Goal:** Identify key issues associated with ocean heatwaves, both in terms of the physico-chemical processes and the ecosystem impacts. Assess contribution of ocean observations for prediction of events and impacts.

**Part 1. Driver:** What drives the regional warming events and what is missing in our understanding?

- Sofia Darmaraki, Foundation for Research and Technology Hellas

**Part 2. Impacts:** Effects on ecosystems with regional focus; what are the effects, what are the research/knowledge gaps and how could sustained ocean observations help fill the gaps?

- North Atlantic/Arctic; AMOC: [Nick Foukal](#), WHOI
- South Atlantic/Florida; impacts on coral health: [Andrew Baker](#), U. of Miami
- West Pacific/Indo-Pacific; typhoons: [I-I Lin](#), National Taiwan University and Iam-Fei Pun, National Central University, Taiwan
- East Pacific/California; Ocean acidification and hypoxia: [Francis Chan](#), Oregon State U.

#### **Part 3. Q&A with the committee**

- Moderated by Amy Bower and Scott Glenn

**3:00–3:30 Break**

**3:30–4:30 Climate Crossroads: Thriving Ecosystems**

Laura Ehlers, Water Science and Technology Board

Robin Schoen, Board on Agriculture and Natural Resources

April Melvin, Polar Research Board

**END OF DAY 1**

**TUESDAY, OCTOBER 3, 2023**

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## **U.S. National Committee for the Ocean Decade**

In this meeting we will focus on the questions:

- What does success look like?
- What progress has been made to date?
- Are there opportunities to advance science for sustainability during the Decade?

**1:00–1:30 IOC, Ocean Decade, U.S. participation**

Nicole LeBoeuf, NOAA, U.S. Representative to the IOC

**1:30–2:30 Nexus Organizations and Aspirations for the Ocean Decade**

- Marine Life 2030/MBON, Gabrielle Canonico (NOAA) and Frank Muller-Karger (USF)
- OASIS, Masha Edmondson (Center for Ocean Leadership)
- ASLO, Pat Glibert, President
- Fugro, David Millar
- Ocean Memory Project, Heather Spence

**2:30–3:00 Ocean Decade Coordination Centers**

- Leonardo Valenzuela Pérez, [Ocean Visions, Ocean Climate Solutions](#)
- Rebecca Martone, [Northeast Pacific Ocean Decade Collaborative Center](#)

**3:00–3:30 Break**

**3:30–4:00 Working with IAP and YAC on the 2024 UN Ocean Decade Conference**

Rania Kosti, Executive Director, [InterAcademy Partnership](#)

April Peebler, Executive Director, [Heirs to Our Ocean](#)

**4:00–4:30 Open Discussion**

**MEETING ADJOURNS**