



LIVE MEETING AGENDA

Independent Peer Review of SCCWRP's Coupled Regional Ocean Monitoring System and Biogeochemical Elemental Cycling Model

January 17–18, 2024

Atrium Hotel, Irvine, California

Online Meeting Location

See the Calendar invitation for login information

NWRI Contacts

Suzanne Sharkey: (949) 258–2093

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Goals of Independent Review

The goals of this Independent Peer Review Panel are to assess model readiness to answer management questions; advise on model uncertainty associated with addressing management questions; and recommend next steps for improving the model readiness.

Panel Charge Questions

1. Do the ROMS, BEC, and coupled model's fundamental modeling choices enable the coupled model to predict the physical and biogeochemical processes impacting ocean acidification and hypoxia in the Southern California Bight?
2. Inventory and characterize sources of uncertainty and bias in the ROMS, BEC and coupled model's inputs, parameters, and outputs.
3. What portfolio of investments would best promote long-term, continuous improvement of the model's predictive accuracy and potential scope of use?

Today's Meeting Objectives

- Review the coupled model's local inputs, applications, and outcomes plus efforts to characterize and resolve model uncertainty.
 - Provide a public forum for stakeholders to present their views on the challenges and opportunities presented by the coupled model.
 - Allow time for participants to engage in both facilitated and impromptu technical and scientific dialogue.
 - Begin drafting the Panel's consensus findings and recommendations and plan an approach for writing the Draft Report.
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Meeting Schedule for Wednesday, January 17

Time (Pacific)	Topic	Presenter
7:30 a.m.	Breakfast	NWRI
8:00 a.m.	Call to Order, Welcome, and Logistics	W. Gordon Zhang, Chair Kevin M. Hardy, NWRI
8:15 a.m.	Technical Session 1: Local Inputs	Modeling Team, SCCWRP
9:00 a.m.	Q&A for the Presenters	W. Gordon Zhang, Chair Kevin M. Hardy, NWRI
9:15 a.m.	Technical Session 2: Application of the Model and Related Outcomes	Modeling Team, SCCWRP
10:00 a.m.	Q&A for the Presenters	W. Gordon Zhang, Chair Kevin M. Hardy, NWRI
10:15 a.m.	Nutrition Break Adjourn Teleconference	NWRI
10:30 a.m.	Travel to the Orange County Groundwater Replenishment System (GWRS)	NWRI
10:45 a.m.	Arrive GWRS	NWRI
11:00 a.m.	Stakeholder Exchange: Potable Reuse Source Water Production	Rob Thompson, General Manager, OC San
1:00 p.m.	Lunch	NWRI
1:30 p.m.	Stakeholder Exchange: Potable Reuse Advanced Water Treatment	Jason Dadakis, Executive Director, OCWD
3:30 p.m.	Depart GWRS	NWRI
3:45 p.m.	Arrive Atrium Hotel Wellness & Nutrition Break	NWRI
4:00 p.m.	Adjourn	NWRI
6:00 p.m.	Private Panelist Dinner	NWRI

Meeting Schedule for Thursday, January 18

Time (Pacific)	Topic	Presenter
7:30 a.m.	Breakfast	NWRI
8:00 a.m.	Call to Order, Welcome, and Logistics	W. Gordon Zhang, Chair Kevin M. Hardy, NWRI
8:15 a.m.	Technical Session 3: Steps to Quantify and Resolve Model Uncertainty	Modeling Team, SCCWRP
9:00 a.m.	Q&A for the Presenters	W. Gordon Zhang, Chair Kevin M. Hardy, NWRI
9:15 a.m.	Technical Session 4: Technical Input	Andy Leising, NOAA Scott Jenkins, Michael Baker International
10:00 a.m.	Q&A for the Presenters	W. Gordon Zhang, Chair Kevin M. Hardy, NWRI
10:15 a.m.	Nutrition Break Stakeholder Exchange	NWRI
10:30 a.m.	Technical Session 5: Presenter Elucidation	Kevin M. Hardy, NWRI
11:30 a.m.	NWRI Hosted Luncheon Stakeholder Exchange	NWRI
12:00 p.m.	Technical Session 6: Public Comments	Kevin M. Hardy, NWRI
12:45 p.m.	Technical Session 7: Panelist Questions and Perspectives	W. Gordon Zhang, Chair
1:30 p.m.	Closing Remarks Teleconference Adjourned	Kevin M. Hardy, NWRI
1:30 p.m.	Private Panel Working Session	W. Gordon Zhang, Chair
6:00 p.m.	Private Panelist Dinner	NWRI



Independent Peer Review Panel Members

- Chair: W. Gordon Zhang, PhD, Woods Hole Oceanographic Institution
- Neil Banas, PhD, University of Strathclyde (UK)
- Fei Chai, PhD, University of Maine
- Marjy Friedrichs, PhD, Virginia Institute of Marine Science
- Michael Stukel, PhD, Florida State University
- Alexander Kurapov, PhD, NOAA

Steering Committee Members

- Lorien Fono, Bay Area Clean Water Agencies
- David Gibson, Regional Water Quality Control Board, San Diego Region
- Justine Kimball, Ocean Projection Council
- Karen Mogus, State Water Resources Control Board, Division of Water Quality
- Steve Wagner, Goleta Sanitary District
- Lan Wiborg, Orange County Sanitation District

Ex Officio Science Advisors

- Sean Bothwell, California Coastkeeper Alliance
- Kristin Davis, PhD, University of California, Irvine
- Steve Weisberg, Southern California Coastal Water Research Project

National Water Research Institute

- Kevin M. Hardy, Executive Director
- Mary Collins, Technical Editor/Communications
- Tianna Manzon, Research Project Coordinator
- Suzanne Sharkey, Water Resources Scientist/Project Manager