SYMPOSIUM AIM
To share results from research studies and monitoring in Tomales Bay and adjoining wetlands and ocean
To share plans for ongoing and future studies/monitoring
To discuss research priorities with Tomales Bay Watershed Council

SYMPOSIUM PARTNERS

SYMPOSIUM PLANNING COMMITTEE
Annaliese Hettinger, UC Davis
John Largier, UC Davis
Benjamin Rubinoff, UC Davis

ACKNOWLEDGMENTS
The symposium planning committee would like to thank you for joining us today. We thank the panelists for sharing their results and contributing to the dialogue about research priorities and future plans in Tomales Bay.

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The aerial image on the program cover was taken in 2004 and we thank Doble Thomas & Associates for granting us permission to use the photo.
1:00    WELCOME
JOHN LARGIER, UC Davis
TOM GAMON, Tomales Bay Watershed Council

1:10    PANEL 1- BIODIVERSITY
MODERATOR: JOHN LARGIER

BENJAMIN RUBINOFF, UC Davis
Quantifying biological invasions along the Tomales Bay estuarine gradient

JASON SADOWSKI, UC Davis
Patterns of shoreline invertebrate diversity in Tomales Bay

JAY STACHOWICZ, UC Davis
Genetic variation and local adaptation in eelgrass along Tomales Bay

JORDAN HOLLARSMITH, UC Davis
Gradients of diversity in the strange kelp beds of Tomales Bay

MELISSA PARTYKA, UC Davis
How disturbing: Impacts of recreational clamming on intertidal microbial communities

SCOTT JENNINGS, Audubon Canyon Ranch, Cypress Grove Research Center
Long-term bird monitoring on Tomales Bay

2:00    BREAK

2:10    PANEL 2 - BIOTIC-ABIOTIC INTERACTIONS
MODERATOR: ANNALIESE HETTINGER

TED GROSHOLZ, UC Davis
Effects of event-driven estuarine acidification (EA) on growth and survival of native and commercial oysters

KATE HEWETT, UC Davis
Intrusions of oceanic water in Tomales Bay and other west coast estuaries

MELISSA WARD, UC Davis
A synthesis of carbon services in California seagrass beds

SARAH LUMMIS, UC Santa Cruz
Tomales Bay seagrass: Chemistry, oysters, and drones

AURORA MARTINEZ RICART, UC Davis
Assessing the effects of seagrasses in oyster growth through changes in carbonate water chemistry

JOHN LARGIER, UC Davis
Estuarine circulation, wind and upwelling effects in Tomales Bay

3:00    REFRESHMENT BREAK

3:20    PANEL 3- MANAGEMENT/CONSERVATION
MODERATOR: BENJAMIN RUBINOFF

KAREN REYNA, Greater Farallones National Marine Sanctuary
2017 Sidescan sonar eelgrass assessment and current uses by Greater Farallones National Marine Sanctuary

DOUG GEORGE, Greater Farallones National Marine Sanctuary/UC Davis
The Tomales Bay section of the Sonoma-Marin coastal regional sediment management plan

DAVID DANN, UC Davis
Long-term monitoring of oceanography in Tomales Bay

CYNTHIA CATTON, CA Department of Fish & Wildlife/UC Davis
Development of a clam fishery in Tomales Bay

TOM GREINER, CA Department of Fish & Wildlife
Plans for fish species composition sampling in Tomales Bay

ANNALIESE HETTINGER, UC Davis
Science, policy, and people: Growing shellfish in an uncertain future

4:10    BREAK

4:20    RESEARCH PRIORITIES:
TOMALES BAY WATERSHED COUNCIL

4:30    DISCUSSION OF ONGOING AND FUTURE RESEARCH/MONITORING IN TOMALES BAY

4:50    SUMMARY COMMENTS AND NEXT STEPS

5:00    RECEPTION @ THE GREAT HALL