

An underwater photograph showing a massive school of fish swimming in a clear blue ocean. In the lower center, two divers are visible, one appearing to be holding a camera or light. The overall scene is vibrant and emphasizes marine life.

OUR FUTURE IS BLUE

Overview Presentation for
Blue Economy Climate Action Project
August 23, 2023

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WHO WE ARE

Founded in 2014, AltaSea is a nonprofit ocean-focused science, business, and education center.

OUR MISSION: AltaSea at the Port of Los Angeles is dedicated to accelerating scientific collaboration, advancing an emerging Blue Economy through business innovation and job creation, and inspiring the next generation, **all for a more sustainable, just, and equitable world.**



*WHAT IS THE BLUE ECONOMY?

As defined by the World Bank, the Blue Economy represents “the sustainable use of ocean resources for economic growth, improved livelihood, and jobs while preserving the health of the ocean.”

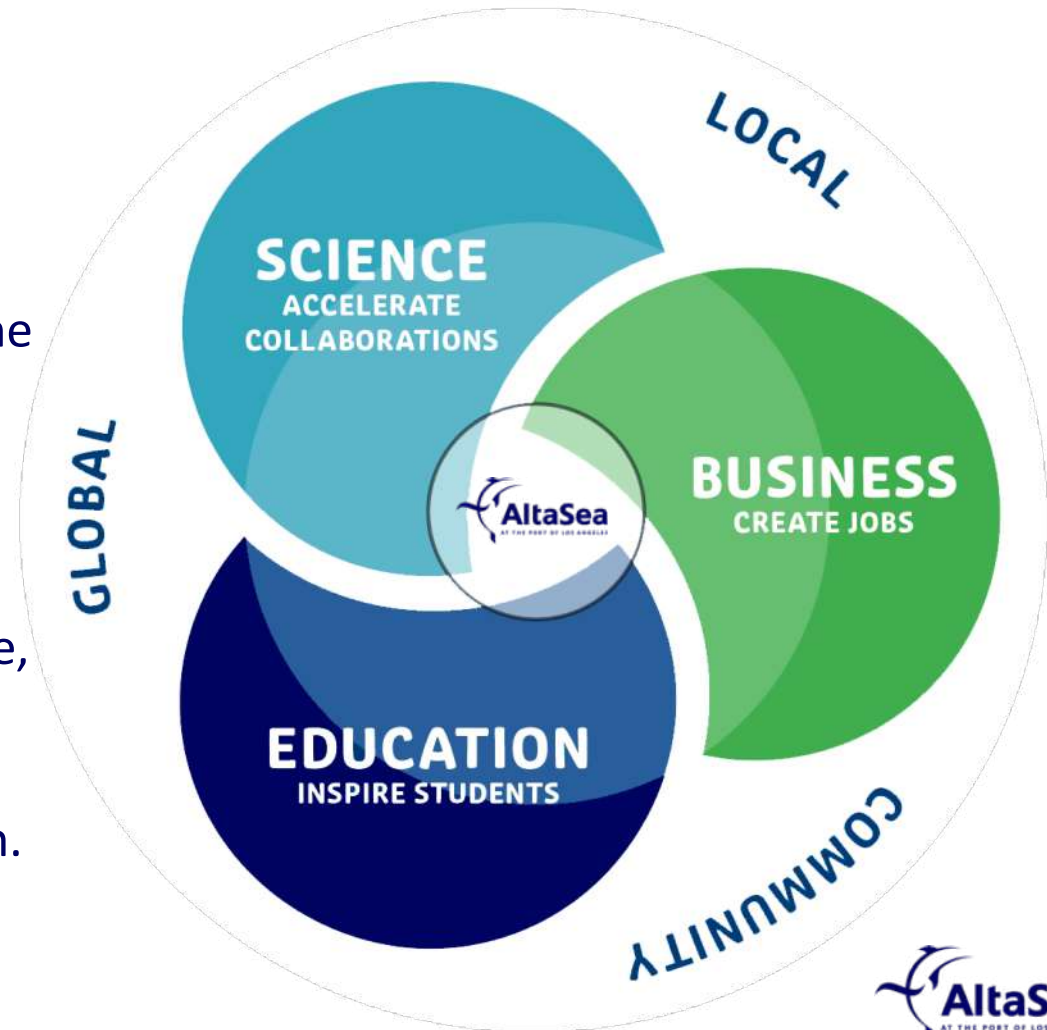
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OUR VISION

AltaSea's vision is to develop solutions for some of the planet's most pressing challenges, such as the climate crisis, energy supply, and global food security.

We will prepare today's generation of students for future jobs in science, technology, engineering, business, and the ocean. And it is from these intersections that innovation is born.

From innovation comes groundbreaking impact.

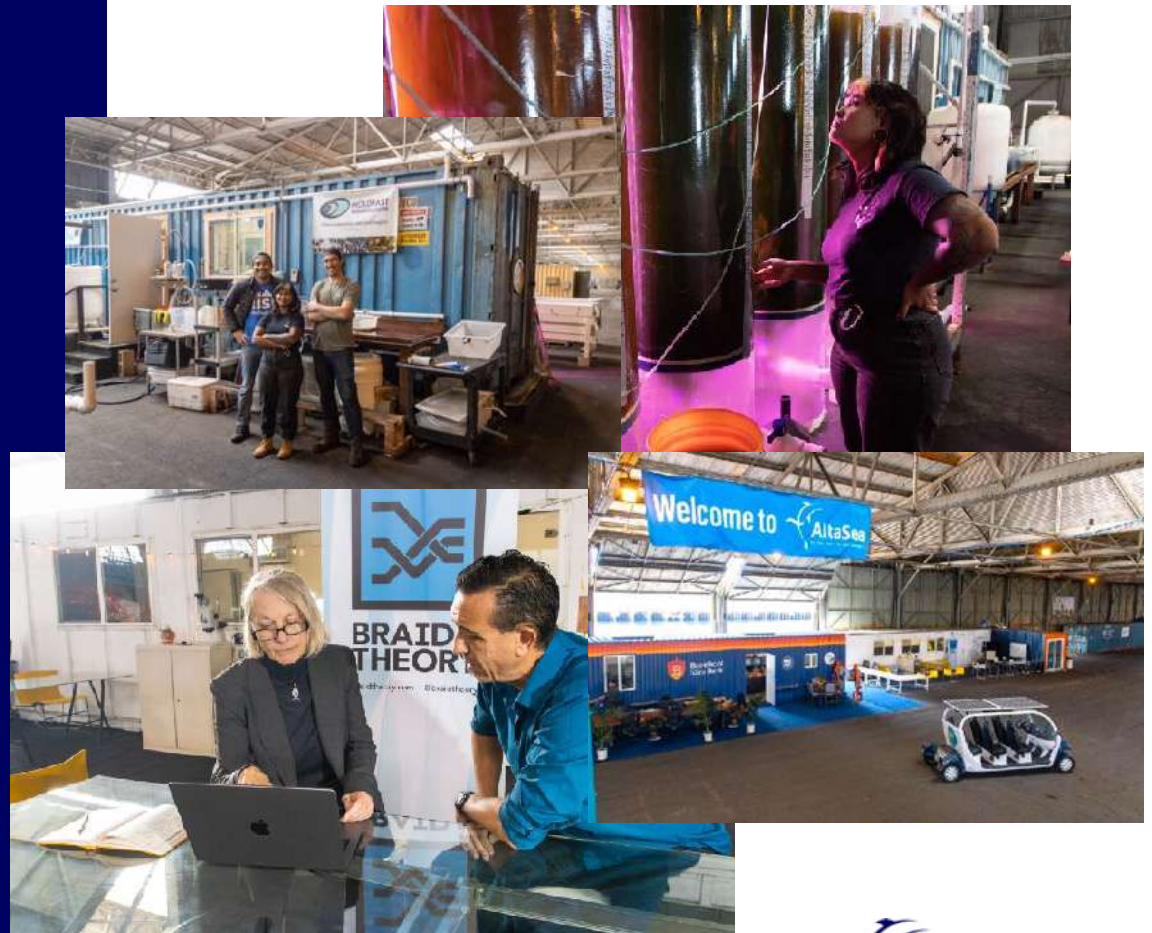


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BLUE BUSINESS HUB

The AltaSea Business Hub provides assistance, support and investment platforms for innovators and entrepreneurs who seek to develop, grow, and scale their blue businesses in the renewable energy, regenerative aquaculture, and blue technology sectors.

We connecting them with world class research institutions, strategic partners, capital sources, new markets and clusters, key government regulators, and the press for maximum market adoption and traction.



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INSPIRING THE NEXT GENERATION: *Project Blue*

Project Blue is an outreach initiative to inspire people of all ages to protect the ocean and responsibly utilize it as a resource for solving global challenges including climate change, energy supply, and food security. A multifaceted approach to provide formal and informal educational resources and increase access to the growing Blue Economy:

Student Engagement

- K-12 Learning: In and Out of School
- Field Trips
- Ocean Research Barge (ORB)

Teacher Engagement

- Professional Development and Teacher Training Workshops

Public Engagement

- Open Houses
- Exhibition Program



BUILDING TOMORROW'S BLUE ECONOMY WORKFORCE

AltaSea Ocean Pathways (ASOP)

The AltaSea Ocean Pathways Program intends to create and equitably fill the ocean STEM jobs of the future through investments in career exploration, workforce development, and entrepreneurship activities-especially in underserved communities.

High School Student Career Engagement

- High School Mentorships
- Career Days

Post Secondary Student & Adult Career Engagement

- Summer Internships
- Flexible Blue Economy Research Space
- EECI *Diversity in Diving* Program
- *Ride the Wave* with EECI

Certificate / Training Programs & Collegiate Engagement

- Blue Economy Workforce Pathways
- Aquaculture Certificate and A.S. – SMC and virtual
- Marine Energy Certificate / Workforce Development Program



AltaSea Progress by the Numbers

•\$7m invested to date in facility improvements

- 180,00sf roof; 2.2 mw of solar; ADA-compliant restrooms; 3 marine labs

•\$28m raised to complete core/shell renovation of Berths 58, 59, 60 by April 2024

- \$28m to date thanks to: \$15m state; \$7m private donors; \$6m POLA
- Fiscally self-sustaining and operating at a net profit by the end of 2023
- New \$88m capital campaign underway to renovate Berth 57 (target completion 2025)
- Over 140 partners including 60 researchers and bluetech companies
- 130,000sf committed with over \$1m in annual rent revenues

•Serving the state & POLA:

- CA Dept of Fish & Wildlife; CA Office of Emergency Services; UC/CSU and community colleges

•Serving the community:

- 33,100 visitors attended AltaSea events
- 36,031 K-12 students have participated in AltaSea in-person and online education

•AltaSea Master Planning:

- Innovative “distributed/integrated” plan to engage the public throughout the campus
- Initiating planning process next for mission-aligned expansion to Berths 70-71

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BERTHS 58-60
CENTER FOR INNOVATION
Opening Spring 2024



Governor Arnold Schwarzenegger
Dedicating 2.2mw Solar on
Berth 58-60 (April 2023)

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The Campaign For Altasea



BERTHS 58-60

CENTER FOR INNOVATION INTERIOR Opening Spring 2024



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The Campaign For AltaSea



BERTHS 58-60

WHARF RENOVATED



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Berth 57 CENTER OF EDUCATION AND ENGAGEMENT (Summer 2026)



 **AltaSea** | Emergency Resilience Center
AT THE PORT OF LOS ANGELES



September 14, 2023
AltaSea will host local, state, federal officials for an emergency response exercise.

In times of crises, AltaSea's renovated facilities will have the capacity to serve as an emergency response staging area.



FEMA

ACADEMIC, BUSINESS, & COMMUNITY PARTNERS

30+ LEADING UNIVERSITIES INCLUDING:

USC
UCLA
UCSD
Cal Tech's Jet
Propulsion Laboratory
Southern California
Marine Institute

40+ BUSINESS PARTNERS INCLUDING:

EcoWave Power
Pacific6
RCAM
Holdfast Aquafarms

15+ COMMUNITY INCLUDING:

- Boys and Girls Clubs of the LA Harbor
- Santa Monica College
- Wilmington's Strength Based Community Change (SBCC)
- Watts "Entrepreneur Education Center"

AltaSea Team

AltaSea Leadership



Terry Tamminen
CEO



Jenny Krusoe
Executive Vice
President/ COO



Charmian Hauck
CFO

AltaSea Team



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Project Blue Instructor



Robin Aube
Director of
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Director of
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Bookkeeper



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Database & Research
Manager



Walter Flores
Facilities Manager



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Education Program
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Executive Administrator



Angie Reed
Operations Manager



Emily Vidovich
Communications &
Development Coordinator

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