



JOIN OUR ALTASEA COMMUNITY

A unique public-private ocean institute that joins together the best and brightest in exploration, science, business and education.



VOLUNTEER PACKET

For more information contact: dcardenas@altasea.org



WELCOME

Thank you for choosing to volunteer and serve at AltaSea at the Port of Los Angeles. Volunteers are essential to the work we do and the goals we want to achieve in our community. We want you to know how much we appreciate you and this could not be done without you! The work you do and the time you give is immeasurably valuable to the mission and vision of AltaSea for a more sustainable, just and equitable world.

Please read through the following pages which will give you information about our organization as well as details about how to get started volunteering with AltaSea at the Port of Los Angeles.

Should you have any questions at all, please don't hesitate to contact us. We love our volunteers and want your experience to be fulfilling and rewarding.

Contact Us

AltaSea at the Port of Los Angeles

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www.altasea.org

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AltaSea is a nonprofit oceanographic research, education, and community engagement campus where innovators collaborate to develop solutions critical to climate change, renewable energy, and global food security, while also imparting that knowledge to future ocean explorers, innovators, and researchers.



AltaSea es un campus de investigación oceanográfica, educación y compromiso con la comunidad sin ánimo de lucro en el que los innovadores colaboran para desarrollar soluciones críticas para el cambio climático, la energía renovable y la seguridad alimentaria mundial, a la vez que imparten esos conocimientos a los futuros exploradores, innovadores e investigadores del océano.

OUR VISION IS AN OCEAN THAT WILL SUSTAIN FUTURE GENERATIONS

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.

OUR VISION

We will turn to the ocean to develop solutions for some of the planet's most pressing challenges, such as climate change, energy supply and global food security – and prepare today's generation of students for future jobs in science, technology, engineering, business and the ocean.

INCLUSION AND DIVERSITY

AltaSea is dedicated to finding rapid solutions for the planet's most pressing challenges. Our goal is a sustainable, just and equitable world. To achieve our mission, we embrace an accelerated approach to diversity and inclusion, and as a fundamental part of our vision and success, AltaSea is committed to a workplace that will represent and empower our community.



AltaSea is a unique public-private ocean institute that convenes and nurtures the best and brightest pioneers and organizations in science, business and education. It is from these intersections that innovation is born, and from innovation comes groundbreaking impact.

AltaSea es un instituto oceánico público-privado único que reúne y nutre a los mejores y más brillantes pioneros y organizaciones en ciencia, negocios y educación. Es de estas intersecciones que nace la innovación, y de la innovación viene el impacto innovador.

Why AltaSea? Why Now?

The ocean covers over 70% of our planet, but only 5% of it has been explored.

Growth in the world's population, increasing pollution, over fishing and global warming have led to an array of problems threatening the ocean and, consequently, society's welfare.

AltaSea is uniquely positioned to place Los Angeles at the global center of solutions for these pressing issues that will come from deep sea exploration.

¿Por qué AltaSea? ¿Por qué ahora?

El océano cubre más del 70% de nuestro planeta, pero sólo el 5% ha sido explorado.

El crecimiento de la población mundial, el aumento de la contaminación, la sobrepesca y el calentamiento global han provocado una serie de problemas que amenazan al océano y, en consecuencia, al bienestar de la sociedad.

AltaSea se encuentra en una posición única para situar a Los Angeles en el centro mundial de las soluciones a estos problemas acuciantes que se derivarán de la exploración de los fondos marinos.

NUESTRA VISIÓN ES UN OCÉANO QUE SUSTENTARÁ A LAS GENERACIONES FUTURAS

NUESTRA MISIÓN

AltaSea en el Puerto de Los Ángeles se dedica a acelerar la colaboración científica, promover una economía azul emergente a través de la innovación empresarial y la creación de empleos, e inspirar a la próxima generación, todo para un mundo más sostenible, justo y equitativo.

NUESTRA VISIÓN

Recurriremos al océano para desarrollar soluciones para algunos de los desafíos más apremiantes del planeta, como el cambio climático, el suministro de energía y la seguridad alimentaria mundial, y prepararemos a la generación actual de estudiantes para futuros trabajos en ciencia, tecnología, ingeniería, negocios y el océano.

AltaSea se dedica a encontrar soluciones rápidas para los desafíos más apremiantes del planeta. Nuestro objetivo es un mundo sostenible, justo y equitativo. Para lograr nuestra misión, adoptamos un enfoque acelerado hacia la diversidad y la inclusión, y como parte fundamental de nuestra visión y éxito, AltaSea está comprometida con un lugar de trabajo que represente y empodere a nuestra comunidad.

PARTNERS // SOCIOS



SUPPORTERS // PARTIDARIOS



Contact Us

2451 South Signal Street

San Pedro, CA 90731

(424) 210-4320

www.AltaSea.org



AltaSea is a unique model for ocean-related solutions

Through a bold plan conceived in concert with the community, AltaSea is making a lasting mark on the future of Los Angeles and the planet through a unique public private ocean institute that joins together the best and brightest in exploration, science, business and education. The emphasis on creating public-private collaborations sets the organization apart. It is from these intersections that innovation is born, and from innovation comes groundbreaking impact.



Science

AltaSea convenes and supports the world's finest marine scientists as they conduct breakthrough research and discover solutions such as energy supply, climate change and global food security.

Business

AltaSea nurtures new and existing businesses that commercialize scientific breakthroughs and emerging technologies to create ocean-related products, services and jobs.

Education

AltaSea ignites passion and learning with pioneering programs that immerse children and adults in the critical role that the ocean has for our planet.



Areas of Engagement

AltaSea will create focal points of collaboration by initially focusing on the oceanic fields of Regenerative Aquaculture, Renewable Energy, and Blue Technology & Underwater Robotics. This approach allows a cluster of business, science and education to be formed at AltaSea around each category.

Regenerative Aquaculture

With a global population expected to reach nine-billion by 2050, it is imperative that we develop responsible, sustainable food sources that do not deplete natural resources or damage the environment. Aquaculture, or aquatic farming, is a growing sector poised to generate valuable solutions for the planet and humankind. The Sustainable Aquaculture Cluster at AltaSea will be at the forefront of developing ocean-related solutions to the critical challenges of food security and environmental sustainability. Within this cluster, scientists, entrepreneurs and educators will work together to conduct scientific research, explore emerging technologies, nurture both knowledge and action among the next generation and cultivate the development of commercial sustainable aqua-farms in United States waters.

Renewable Energy

Greenhouse gas emissions and air pollution are having a disastrous effect on our ecosystem. When it comes to production and efficiency, relying on one source of energy is not sustainable. The developing Renewable Energy Cluster will focus on diversifying our energy supply and hoping to reduce our dependence on single, nonrenewable sources. This Cluster will focus on different forms of energies such as kinetic wave energy and algae fuel technologies. As a result of research and commercialization of viable technologies, nations will be able to design energy systems that are long lasting and have low carbon impact. AltaSea has partnered with experts within these fields so that we can share and disseminate knowledge through our various networks.

Blue Tech & Underwater Robotics

Solutions to global challenges such as energy supply and climate change will be found in the ocean and our need to comprehend it has never been greater. However, experts say only five percent of the ocean has been adequately studied. The Blue Tech Cluster at AltaSea will help advance solutions to a wide range of ocean challenges where experts utilize underwater robotic technology for remote monitoring, sensing and ocean exploration. Remotely operated vehicles (ROVs) and autonomously operated vehicles (AOVs) will be developed, built, tested and launched at AltaSea. The impact of these technological advances will be extended even further through unique STEM education programs and internships for students, the commercialization of scientific breakthroughs and advisement to policymakers on relevant issue areas.



In appreciation of your support and dedication AltaSea awards all our Volunteers a ResilienSea Annual Membership



Membership Benefits Include

An AltaSea T-Shirt and ResilienSea Mask

Early invitation to AltaSea's quarterly Open House Events

Exclusive electronic collection of, *Here's the Blue Deal*

News round-up from AltaSea's monthly *Trending* e-newsletter

25% discount on products from *SeaWeed Naturals* for members 21+

Our quarterly e-newsletter *The Beacon* with updates on AltaSea and our partners



Volunteer Application

First Name _____

Last Name _____

Address _____

City/State/Zip _____

Home Phone _____ Cell Phone _____

Email _____

1. Educational background:

2. Current occupation:

3. Previous volunteer experience:

4. Your availability is: ☐ Flexible ☐ For a Limited Time ☐ On Going ☐ Virtually Unlimited ☐ One Time Only

From: Month _____ Day _____ Year _____

To: Month _____ Day _____ Year _____

5. What times are you interested in volunteering? Check all that apply

Morning: ☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Afternoon: ☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

Evening: ☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

6. Do you require any special accommodations? If yes, please explain how best to support you:

7. Please check all that apply and share why you want to volunteer at AltaSea at the Port of Los Angeles:

☐ Community Involvement ☐ School requirement ☐ Meet new people ☐ Learn new skills ☐ Make a difference

8. What would you like to gain or learn from volunteering at AltaSea at the Port of Los Angeles?

9. How did you hear about us?

☐ Internet

☐ Advertisement/Flyer

☐ Agency/School

☐ Friend/Volunteer

☐ Other: _____

10. Does your employer have a corporate volunteer match or giving program?

☐ Yes

☐ No

☐ N/A

11. I understand that I will fill the greatest need but my preferences for volunteer assignments are:

☐ Administrative & Research Volunteers

☐ Event Support & Community Outreach

☐ Education & Field Trip Volunteers

☐ Tech & Audio Volunteers

☐ Interpretive Docent & Site Visit Support

12. Special skills, licenses, certifications:

☐ CPR Certified ☐ Lifeguard Certification ☐ SDI/PADI Certification ☐ First Aid Certified

☐ Wilderness First Aid ☐ Hazmat Training ☐ Fundraising ☐ Photography ☐ Videography

☐ IT ☐ Special Event Support ☐ Public Speaking ☐ Teaching ☐ Graphic Design

☐ Microsoft 365 ☐ Docent ☐ Research ☐ Merchandise/Retail ☐ Oral History ☐ Translating

13. What is your preferred form of contact:

☐ Phone Call

☐ Text

☐ Email

Agreement for Non-Compensated Services

I hereby volunteer my services to AltaSea at the Port of Los Angeles. I agree to abide by all relevant organization policies and procedures and to perform the volunteer services in a safe, responsible manner in accordance with the descriptions of service. It is further understood that this Agreement shall not in any way constitute nor create an employer/employee relationship between the Organization and the Volunteer. The Organization shall not be responsible for, or liable for, nor shall the applicant be eligible to receive any compensation or benefits as a result of this Agreement.

I further understand that: (Please initial each of the following)

_____ I am to be trained on any activity that I am unfamiliar with
_____ I will abide by all organization policies regarding personal conduct
_____ I agree to a background check and fingerprinting
_____ I agree not to go beyond the scope of volunteer work agreed to without authorization
_____ I will be responsible for keeping track of my volunteer hours by filling out the sign in/out sheet
_____ I grant full permission to use any photographs, videotapes, or recordings for publicity purposes
_____ I hereby identify that I can perform duties without accommodation, or with the following accommodation(s):

This agreement will be in effect for the duration of my volunteer services beginning this date.

Dated Month _____ Day _____ Year _____

Youth Volunteer Permission (Required for applicants under 18 years of age)

I, the undersigned parent, or legal guardian, do hereby grant permission for the named Applicant to participate in a volunteer activity with AltaSea at the Port of Los Angeles:

Applicant Printed Name: _____

Applicant Signature: _____

Parent Signature if applicant is a Minor: _____

Date: _____



Volunteer Emergency Contact Form

Name: _____ Date: _____

Home Address: _____

City: _____ State: _____ Zip: _____

Home Phone #: _____ Cell Phone #: _____

E-Mail Address: _____

In the event of an emergency, please list the names and telephone numbers of two individuals you would like us to contact:

Emergency Contact #1:

Name: _____ Relationship: _____

Home Address: _____

City: _____ State: _____ Zip: _____

Work Phone #: _____ Cell Phone #: _____

Emergency Contact #2:

Name: _____ Relationship: _____

Home Address: _____

City: _____ State: _____ Zip: _____

Work Phone #: _____ Cell Phone #: _____

Do you give us permission to transport you to the nearest medical facility should you incur serious illness or injury during normal work hours?

☐

Yes

☐

No

If yes, please indicate the name and contact telephone number of the physician or health care provider that you would like for us to contact:

Name: _____




Address: _____

City: _____ State: _____ Zip: _____

Phone #: _____

Volunteer Event Calendar

2023

 Educational Visits  Open Houses  Blue Hour

January

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April

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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

September

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October

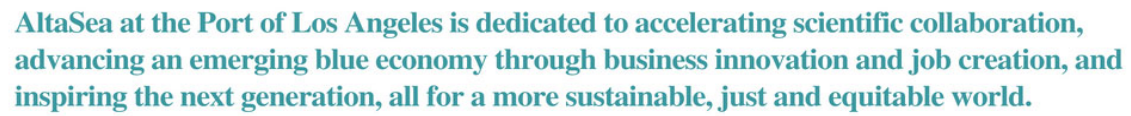
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

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