



Featuring the latest in emerging, sustainable, science-backed ocean and water technologies, BlueTech Week (BTW) brings positive advances in a wide variety of sectors operating to the broader blue economy. Join us in San Diego for our 15th Anniversary event and help make this our most impactful BTW yet!

**This year, our main topics will be the following**

- 11/13: Cluster Day (Invitation only)
- 11/14: Trends and Opportunities in Maritime Data and Security (Marriott San Diego Downtown Bayfront)
- 11/14: Advanced Water Technologies (Marriott San Diego Downtown Bayfront)
- 11/15: Innovations in Offshore Renewables (Marriott San Diego Downtown Bayfront)
- 11/15: Maritime Data Via Satellite Applications, IoT, Autonomy, and AI (Marriott San Diego Downtown Bayfront)
- 11/16: BlueTech Innovation Day (Scripps Institution of Oceanography's Seaside Forum)

**What's Different This Year?**

There are two elements that we are integrating this year to make BlueTech Week a more dynamic and collaborative event:

Problem-Sourcing Seminars	More Networking Opportunities
<p>In special collaboration with <a href="#">Common Mission Project (CMP)</a>, this year's BlueTech Week will provide "problem-sourcing" seminars for each of the main topic areas. These will be designed to identify and target choke points for specific BlueTech sectors and then derive possible solutions to resolve those choke points. CMP will lead these seminars, with the focus being that there is follow-up past BlueTech Week to solve the problems identified in the seminars.</p> <p><b><u>About CMP</u></b></p> <p>CMP's mission is to create an international network of entrepreneurs driven to solve the critical challenges of our time—from national security to ocean health, from energy to the environment. Working very successfully with the U.S. defense sector, CMP's programs accelerate problem-solving by connecting university students with entrepreneurs across government, private, and nonprofit sectors. The goal is to unite university students and the private sector with like-minded problem-solvers in government and academia to solve critical challenges in mission-driven entrepreneurship.</p>	<p>This year we will concentrate our content into four panels per track per day, and incorporate more networking time throughout the entire agenda for BlueTech Week.</p>

# Agenda

## BlueTech Summit & Expo (11/14- 11/15)

**Location: Marriott San Diego Downtown Bayfront**

November 14		November 15	
Track 1	Track 2	Track 1	Track 2
Trends and Opportunities in Maritime Data and Security	Advanced Water Technologies	Maritime Data Via Satellite Applications, IoT, Autonomy, and AI	Innovations in Offshore Renewable Energy
7:30-8:30	Registration		Registration
8:30-8:45	Welcome Address		Welcome Address
8:45-9:10	Morning Keynote		Morning Keynote
9:20-10:30	Big Data, Analytics and Security	Solutions for Stormwater Runoff	Space for Society: The Role of International Space Agencies
10:30-10:50	Break		Break
10:50-12:00	Innovations in Maritime Domain Awareness	Carlsbad Desalination Project: 10 Years On and Looking Forward	Space For Society: Satellite Applications for Ocean Health
12:00-13:00	Lunch		Lunch
13:00-14:10	Cybersecurity in the Maritime Space	Solutions for Municipal Wastewater Authorities	Advancements in Maritime Sensor Integration (IoT, Smart Sensors, and Autonomy)
14:10-14:30	Break		Break
14:30-15:40	Maritime Security: The Role of Robotics and Sensors	Innovation In Water Technology	Permitting New Technologies, How Can California Innovate?
15:40-16:00	Break		Break
16:00-17:15	Problem-Sourcing Seminar	Problem-Sourcing Seminar	Maritime Domain Awareness Using AI
17:25-17:30	Closing Remarks		Latest BlueTech Innovation for the Offshore Renewables Space
17:30-19:00	Reception		Problem-Sourcing Seminar
			Closing Remarks
			Reception

## Innovation Day (11/16)

**Location: Scripps Institution of Oceanography's Seaside Forum**

7:30-8:30	Registration	13:00-13:20	Afternoon Keynote
8:30-8:45	Welcome Address	13:20-14:30	Perspectives from BlueTech Investors
8:45-9:10	Morning Keynote	14:30-14:50	Break
9:20-10:30	What are the Macro Needs for BlueTech Innovation?	14:50-16:00	Entrepreneur's Showcase: Journey From Zero to Lift-Off
10:30-10:50	Break	16:00-16:10	Closing Remarks
10:50-12:00	Regional Accelerator Programs	16:10-19:00	Reception
12:00-13:00	Lunch		

# Introduction

**BlueTech Week** has long been known as one of the first conferences in the world that promotes the latest and greatest innovations in sustainable ocean and water technologies. Coming from industry, policy, and academia, the speakers and participants who attend are always fascinating and inspiring. Not to mention that the commercial connections made among attendees have always made coming to this show highly worthwhile.

Based on this, we are thrilled to announce that our [15th annual BlueTech Week](#) will take place November 13th-16th! This auspicious anniversary not only gives us a reason to celebrate but motivates us to put on our best show yet. "Best" to us means providing an agenda that presents multiple angles, perspectives, and activities that lead to a multi-faceted, total quality (and highly worthwhile) event. The following is what you can expect to get at this year's **BlueTech Week**:



1. Fascinating programming, companies, and speakers in this year's target sectors.
2. Maximum connections to commercial opportunities.
3. Buyers in search of technologies that are featured at BlueTech Week.
4. "Problem-sourcing" brain trust seminars that seek to resolve long-standing, industry-specific problems, as well as enable structured, ongoing collaborative potentials after BlueTech Week ends.
5. The facilitation of actively engaged participation.
6. An exposition featuring hungry upstart companies with highly innovative technologies.
7. Conference facilities at two gorgeous waterfront locations ([Marriott San Diego Downtown Bayfront](#) and Scripps Institution of Oceanography's [Seaside Forum](#)), which will include sponsored after-show refreshments (and beautiful views).

With the above in mind, make sure to save the dates for **BlueTech Week** and plan on attending what will be our best iteration yet! On August 1st we will open for registration. And over the next months we'll be announcing updates (e.g., confirmed speakers, sponsors, and additional context about the programming of the show), so stay tuned by following our [LinkedIn page](#).

Cheers for now,

Matt Classen  
Executive Director  
TMA BlueTech

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# Tuesday, November 14th

## The Lane

900 Bayfront Ct Suite 200, San Diego, CA 92101

## General Assembly

### Welcome Address

8:30-8:45

Matt Classen, Executive Director, TMA BlueTech

### Keynote

8:45-9:10

Nagaraja Rao Harshadeep, Global Lead (Disruptive Technology) Lead Environmental Specialist,  
World Bank

## Track 1

## Maritime Data, Security and Satellite Applications

At this year's BlueTech Week, we are featuring two entire days on the topic of maritime data, which NOAA Administrator Rick Spinrad refers to as "The New Blue Economy." This day's track will be focused on trends, innovations, and opportunities in maritime data where security is involved. This is a continuation of what was a highly successful, private roundtable event TMA hosted on May 25th of this year, where experts from defense, industry, academia, and ports came together to address the trends and opportunities in maritime data and security.

### Panel 1: Big Data, Analytics and Security (9:20-10:30)

The amount of present and emerging maritime data collection technologies is increasing exponentially. Big data technologies analyze raw data from sensors and satellites to extract information, whereas advanced analytics solutions utilize data to generate actionable insights. Solutions derived from data structuring include applications for route management, weather condition monitoring, freight pattern analysis, and operational analytics. This means big data and analytics allow the maritime sector to optimize various operations and identify potential bottlenecks before they happen, while reducing fuel costs, CO2 emissions, and downtimes. Central to all the above is maritime data security. This panel will discuss the trends, innovations, and opportunities in the maritime data and security sector. We will then open the floor to discuss sectoral challenge areas and the possible solutions that can be found.

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### Speakers

- **Rolle Hogan**, CEO, Dolphin Labs
- **Kevin Lopes**, Director Strategy & Marketing, ThayerMahan
- **Ian Sears**, NDBC Mission Control Branch Chief, NOAA/NWS/NDBC
- **Paul Devine**, Subject Matter Expert, Teledyne Marine

### Moderator

**Nick Rotker**, Chief BlueTech Strategist, MITRE

## **Panel 2: Innovations in Maritime Domain Awareness (10:50-12:00)**

“Maritime domain” refers to all areas that are either on, under, or relating to borders on a sea, ocean, or other navigable waterways. This includes all maritime-related activities, infrastructure, people, cargo, vessels, and other conveyances.

Maritime domain awareness (MDA) is the effective understanding of anything associated with the maritime domain that could impact security, safety, the economy, or the environment. MDA is said to work as a “key enabler” for other maritime security issues, such as anti-piracy patrols, in the way that to do effective patrols you need to have the ability to conduct effective MDA. This panel will discuss the trends, innovations, and opportunities in maritime domain awareness, followed by a discussion of challenge areas and possible solutions therein.

### Speakers

- **Jon Marcus**, Vice President Sales, Custom Solutions, NORBIT Subsea
- **Joe "Digger" DiGuardo, Rear Admiral (Ret)**, Senior Director for Government Strategy, Ocean Power Technologies
- **Guillaume Eudeline**, Naval Autonomy Market Director, Exail
- **Mike Flanigan**, CEO, Seasats

### Moderator

**Nick Rotker**, Chief BlueTech Strategist, MITRE

## **Panel 3: Cybersecurity in the Maritime Space (13:00-14:10)**

Cybersecurity is an increasingly crucial component for the maritime and offshore industries due to the rapid digital transformation in the maritime and offshore sectors. Optimization of operations remains a critical focus, and those who can utilize new technologies and digital solutions will have the upper hand. Cybersecurity is a critical risk area, as ship operation is largely dependent on the effectiveness of software-base.

### Speakers

- **Robert Renzulli**, CEO, CyberGeist Security
- **Macy Dennis**, Partner/CSO, EmberRiver
- **Buzz Montoro**, Cybersecurity Specialist, US Coast Guard
- **Billy Marsh**, Chief Information Security Officer, Port of San Diego

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#### Moderator

**Nick Rotker**, Chief BlueTech Strategist, MITRE

#### **Panel 4: Maritime Security: The Role of Robotics and Sensors (14:30-15:40)**

Maritime robotics produce UAVs, USVs and UUVs, which can be fitted with sensors (IR/daylight cameras, echo sounders, RADARs, LIDARs etc.). These technologies supply a real-time overview of maritime security. All data gathered may be analyzed using AI computer applications (which will be covered on the following day's track), with changes from the normal status being detected. An operator decides whether an alarm calls for a closer examination. New technology provides a higher degree of security at a lower cost.

This panel will feature highly innovative companies that provide maritime robotics and sensor technologies, how they are having real impact on the maritime security sector, and provide insights into the trends, innovations, and opportunities in the space.

#### Speakers

- **Jim McFarlane**, COO, Strategic Robotic Systems
- **Kellie Keller**, COO, SubSeaSail
- **Craig Bleile**, Lead for the S&T, R&D and Experimentation Portfolio, Naval Undersea Warfare Center Keyport
- **Jim Rodman**, CEO, Mission Focused Systems

#### Moderator

**Nick Rotker**, Chief BlueTech Strategist, MITRE

#### **Program 5: Problem Sourcing Seminar (16:00-17:15)**

## **General Assembly**

### **Closing Remarks**

17:25-17:30

Matt Classen, Executive Director, TMA BlueTech

### **Evening Reception**

17:30-19:00

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## Track 2

### Advanced Water Technologies

At this year's 15th annual BlueTech Week, we will feature an entire track dedicated to four specific areas in the water technologies sector. We have secured two high-profile moderators to facilitate conversations among the list of speakers on four panels.

#### Panel 1: Solutions for Stormwater Runoff (9:20-10:30)

Everyone in the SoCal region knows that there is a problem with runoff from the Tijuana River contaminating regional coastlines. But water samples were recently taken off the Santa Monica Pier which showed the same level of pollution as areas just off the Tijuana River estuary. This clearly indicates that ocean pollution is not specific only to some regions. And one of the key culprits is stormwater runoff. This panel will feature what technologies, systems, and policies are necessary/in-use to effectively channel/treat stormwater runoff, either in urban, suburban, or agricultural areas. Also featured will be how new regulations around the construction of buildings, parking lots, and the like will reduce toxic stormwater runoff.

##### Moderator

**Mark Lambert**, Managing Partner, WaterMark Resource Development, Inc., Former CEO IDE Americas

##### Speakers

- **Sumer Hasenin**, Deputy Director of the Stormwater Department's Think Blue Infrastructure Division, City of San Diego
- **Jim Mullen**, Founder/CEO, Earthwise Sorbents
- **Jennifer Massig**, CEO, MAGNA Engineering Services
- **Bryn Evans**, Senior Project Manager, Dudek

#### Panel 2: Carlsbad Desalination Project: 10 Years On and Looking Forward (10:50-12:00)

It has been 10 years since the Carlsbad desal plant went online. What are the results? What are the lessons learned? What can be replicated/used as examples for other desal operations around the world? Can capacities be increased from 50 million gallons a day to 100 million? What are new technologies that can reduce impact and are scalable for this size of operation? This panel will provide insights into these questions.

##### Moderator

**Mark Lambert**, Managing Partner, WaterMark Resource Development, Inc., Former CEO IDE Americas

##### Speakers

- **Michelle Peters**, Director of Operations, Poseidon Resources (Channelside)
- **Jeremy Crutchfield**, Water Resources Manager, San Diego County Water Authority
- **Frits van Rooij**, OT Manager/System Integrator, IDE Americas

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### Panel 3: Solutions for Municipal Wastewater Authorities (13:00-14:10)

Municipal wastewater authorities are crucial in managing wastewater efficiently. Their scale can have significant effects on the wastewater management sector. This panel will highlight the latest trends and opportunities within the sector where municipal wastewater authorities are concerned and highlight where commercial opportunities may be present, according to municipal wastewater authorities themselves.

#### Moderator

**Mark Lambert**, Managing Partner, WaterMark Resource Development, Inc., Former CEO IDE Americas

#### Speakers

- **Seval Sen**, District Engineer, Padre Dam Municipal Water District
- **Amy Dorman**, Assistant Director, Pure Water Project, City of San Diego
- **Yidian Liu**, Co-founder, PolyGone Systems
- **George Diefenthal**, CEO, NeoTech Aqua Solutions, Inc.

### Panel 4: Innovation In Water Technology (14:30-15:40)

This track would not be complete without a panel that specifically features the latest innovations occurring in the water tech sector. What are the latest innovations in water technology where satellite applications, water-efficiency technologies, membranes, and others are concerned? This panel will provide fascinating insights into a range of technologies that provide highly impactful, real-world solutions to the critical water-related issues of our time.

#### Moderator

**Gil Dhawan**, Founder and CEO, Applied Membranes Inc

#### Speakers

- **Hany Said**, CEO, Mega Vessel
- **Munehiro Nozoe**, Marketing Manager, Nitto Denko / Hydranautics
- **Paul Devine**, Subject Matter Expert, Teledyne Marine
- **Kyle Stephan**, Vice President, GivePower

### Program 5: Problem Sourcing Seminar (16:00-17:15)

## General Assembly

### Closing Remarks

17:25-17:30

Matt Classen, Executive Director, TMA BlueTech

### Evening Reception

17:30-19:00

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# Wednesday, November 15

## The Lane

900 Bayfront Ct Suite 200, San Diego, CA 92101

### Welcome Address

8:30-8:45

Todd Gloria, Mayor of San Diego

### Keynote

8:45-9:10

J.R. Littlejohn, Acting Assistant Secretary, Bureau of Oceans and International Environmental and Scientific Affairs, U.S. Department of State

## Track 1

# Maritime Data Via Satellite Applications, Sensors Integration, and AI

### Panel 1: Space for Society: The Role of International Space Agencies (9:20-10:30)

A new paradigm is emerging where there is a bottom-up push from industry on international space agencies to facilitate commercially viable and innovative applications and services in various fields and economic sectors. This paradigm provides a significant value-add for ocean and water observation. The French space agency, Centre National D'Etudes Spatiales (CNES), has had significant success in facilitating this paradigm shift by merging its governmental agency scale with commercial interests to boost new companies and value propositions that deliver a wealth of viable earth observation, satellite communication, or geopositioning-based technologies. Many of these satellite applications are specifically designed for ocean and water observation and data collection. This panel will discuss the trends, innovations, and opportunities that international space agencies are providing where ocean and water data are concerned.

#### Speakers

- **Nil Angli Padro**, Business Applications and Partnerships Officer, European Space Agency
- **Hugues Mbezal-Bogam**, Launch Range Director at Europe's Spaceport, CNES (Centre National d'études Spatiales)
- **Jinbo Wang**, Project Lead for SWOT Ocean Campaigns and Project Scientist for PODAAC, NASA JPL

#### Moderator

**Jon Marcus**, Vice President Sales, Custom Solutions, NORBIT Subsea

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## Panel 2: Space For Society: Satellite Applications for Ocean Health (10:50-12:00)

Our oceans are a vast ecosystem valued at \$2 trillion. They need support and protection. Some of the most crucial technologies that are increasingly providing real solutions to ocean health challenges are space applications technologies. This panel will feature satellite applications companies that are remediating some of the ocean's greatest challenges, namely carbon sequestration, IUU (Illegal, Unreported, and Unregulated fishing) and ocean plastics (to name a few), and where collaborative possibilities exist to magnify efficacy.

### Speakers

- **Ali Kennard**, CEO, Pinpoint Earth
- **Gaurav Seth**, CEO, PierSight
- **Janak Carey**, Engineering Consultant specializing in Opto-mechanical systems, Quartus Engineering
- **Thomas Gray**, Business Development Manager, Woods Hole Group

### Moderator

**Jon Marcus**, Vice President Sales, Custom Solutions, NORBIT Subsea

## Panel 3: Advancements in Maritime Sensor Integration (13:00-14:10)

Until recently, sensor-related maritime technologies have been offered as stand-alone solutions. But as sensor technologies advance, they are becoming cheaper and more complex. In addition, the numbers of sensor technologies, and their potential applications, are exploding. Because of this, the market is demanding greater integration for multiple use applications. This panel will feature companies that are leading the maritime sensor integration trend, as well as the new potentials that are emerging through new, multi-use functionalities.

### Speakers

- **Shayan Haque**, Business Development Manager, Exail Inc.
- **Nick Stoner**, Director - Anduril Maritime - Defense, Anduril Industries
- **Blythe Towal**, Vice President of Software Engineering, Saildrone

### Moderator

**Jon Marcus**, Vice President Sales, Custom Solutions, NORBIT Subsea

## Panel 4: Maritime Domain Awareness Using AI (14:30-15:40)

The maritime sector deploys artificial intelligence for various applications such as predictive maintenance, autonomous navigation, and route optimization, among others. However, the critical role of AI in these functions is to process the vast data available through sensors, public information systems, and asset tracking to generate actionable insights. Some of the technologies and areas that have the most upside from maritime AI are underwater robots and vehicles, search and rescue operations, digital twins of ports, ships, and fleets using AI to monitor their operations, continuously improving vessel and port management. This panel will feature companies who are providing AI technologies in the maritime domain awareness space.

### Speakers

- **Amanda Barney**, CEO, Teem Fish Monitoring Inc.

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- **Guillaume Eudeline**, Naval Autonomy Market Director, Exail
- **Nancy Andrews**, Chief Engagement and Communications Officer, Canada's Ocean Supercluster
- **Chris Rodley**, Snap Information Technologies Ltd

Moderator

**Tim Barelli**, President, TJ Barelli Consulting

## General Assembly

### Closing Remarks

17:25-17:30

Matt Classen, Executive Director, TMA BlueTech

### Evening Reception

17:30-19:00

## Track 2

## Innovations in Offshore Renewable Energy

In the build-out of the offshore wind sector, specifically in California, there are a significant number of monumental challenges that must be resolved. Central to these challenges are supply chain, workforce development, innovation, and permitting (to name just a few).

In collaboration with offshore renewables organizing powerhouse, the Business Network for Offshore Wind (BNOW), this track will look at some of the unique challenges faced in the development of California's floating offshore wind market.

### Panel 1: Subsea Supply Chain Innovation (9:20-10:30)

California has set a planning goal of 25 gigawatts of floating offshore wind energy by 2045. Central to effectively achieving these goals is establishing a domestic supply chain. This includes providing existing suppliers with the ability to produce thousands of components while creating tens of thousands of U.S. jobs. But how does the supply chain play a role where subsea technologies are involved? This panel will feature experts who will address the forces in play that are innovating the subsea supply chain for the offshore renewables sector, and identify the opportunities therein.

Speakers

- **Dave Gentle**, Business Development, North America, Argeo
- **Shayan Haque**, Business Development Manager, Exail Inc.
- **Mason Bell**, Product Manager, RCAM Technologies

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#### Moderator

**Nancy Kirshner-Rodriguez**, Senior Director for Policy & Outreach, Business Network for Offshore Wind

### **Panel 2: Ports: Building Out a National Network (10:50-12:00)**

Port infrastructure is one of the most significant bottlenecks impeding the advancement of the United States offshore wind industry. Without a concerted effort to change the trajectory of offshore wind port investment, the country is likely to fall short of both our short-term 30 GW by 2030 deployment goal, as well as our long-term planning targets, such as the ambition to deploy 110 GW by 2050. This panel will feature West Coast ports and engineering firms to discuss plans, solutions and commercial opportunities where the build-out of this network is concerned.

#### Speakers

- **Michael LaFleur**, Vice President Maritime, Port of San Diego
- **Joel Valenzuela**, Director, Maritime Business Line, Port of San Diego
- **Suzanne Plezia**, Senior Director / Chief Harbor Engineer, Port of Long Beach Engineering Services Bureau, Port of Long Beach
- **Drew Rodriguez**, Community Outreach Representative, Port of Hueneme
- **Jenny Vick**, West Coast Offshore Wind Lead, HDR

#### Moderator

**Brian Sabina**, CEO, Clean Energy Terminals

### **Panel 3: Latest BlueTech Innovation for the Offshore Renewables Space (13:00-14:10)**

The speed and acceleration of cutting edge BlueTech in the offshore renewables space is impressive. Whether it's the influence of the U.S. Department of Energy (DOE) facilitating innovation in the space via its Floating Offshore Wind ReadINess (FLOWIN) Prize, everyday upstarts that resolve challenges with out-of-the-box thinking, or larger players leveraging their scale to bring about new technologies and capacities for offshore renewables, BlueTech innovation in this space is a sight to behold. This panel will feature a mix of upstart technologies with seasoned players for an exciting view into what's coming in the offshore renewables sector.

#### Speakers

- **Anil Sablok**, Chief Engineer | Floater Advanced Simulation and Technology (FAST), Technip Energies
- **Ben Maurer**, Sustainable Oceans Lead, National Renewable Energy Laboratory
- **Jack Pan**, CEO, Ocean Motion Technologies, Inc.
- **Alexia Aubault**, CTO, Ocergy

#### Moderator

**Vanessa Scott**, Director of StartBlue Accelerator, Corporate Affiliates, Business Development, Industry Outreach & Innovation

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#### **Panel 4: Permitting New Technologies, How Can California Innovate? (14:30-15:40)**

Core challenge areas for the rapid build-out of the offshore wind sector in California include ports expansion and redevelopment, a streamlined power procurement mechanism, and permitting. The panel discussion will discuss what frameworks can be put in place to ensure that new technologies can more effectively surmount initial hurdles to deployment. This will require new approaches to ensure that rapidly evolving technologies, and more expansive projects, are built in a safe and environmentally sound manner, while not holding back innovation.

##### Speakers

- **Kevin Lopes**, Director Strategy & Marketing, ThayerMahan
- **Jon Marcus**, Vice President Sales, Custom Solutions, NORBIT Subsea
- **Noé Rouxel**, Sr. Project Manager & Consultant - Offshore Wind, DNV

##### Moderator

**Greg Murphy**, Senior Manager, Strategic Partnerships, Intesa Communications Group

#### **Program 5: Problem Sourcing Seminar**

## **General Assembly**

### **Closing Remarks**

17:25-17:30

Matt Classen, Executive Director, TMA BlueTech

### **Evening Reception**

17:30-19:00

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# Thursday, November 16

## Scripps Seaside Forum

8610 Kennel Way, La Jolla, CA 92037

## Innovation Day

This day is all about stimulating BlueTech innovation. We will discuss what is needed for blue innovation from the macro view, how regional programs are leading the charge, and where funding can be found to finance innovative new technologies. Present throughout the day will be a range of exhibitors who will showcase the latest in BlueTech start-ups. We then celebrate the conclusion of our 15th Annual BlueTech Week with an evening reception, generously sponsored by Builders Initiative, Schmidt Marine Technology Partners, Scripps Institution of Oceanography and TMA BlueTech.

### Your moderator for the Day:

**Sushil Tyagi**, Board Chair and Co-Founder, Berkeley Marine Robotics and Member of TMA Board of Directors

### Welcome Address

8:30-8:45

**Margaret Leinen**, Director, Scripps Institution of Oceanography and Vice Chancellor for Marine Science, UCSD

### Morning Keynote

8:45-9:10

**Commissioner Rafael Castellanos**, Chairman Board of Port Commissioners, Port of San Diego

### Panel 1: What Are the Macro Needs for BlueTech Innovation? (9:20-10:30)

This panel will be from the perspectives of larger organizations regarding where they see innovation in BlueTech is occurring, where there are crucial needs for BlueTech Innovation, both regionally and nationally, and how BlueTech startups can go about finding funding and partnerships.

### Speakers

- **Dr. Tom Drake**, Head, Ocean Battlespace Sensing Department, Office of Naval Research
- **Jill Burgess**, Commercial Development Manager, National Oceanography Centre
- **Nancy Andrews**, Chief Engagement and Communications Officer, Canada's Ocean Supercluster
- **Andy Nager**, Assistant Research Marine Physicist & Engineer, Scripps Institution of Oceanography
- **Jennifer Stewart**, Applied Technology Program Specialist, NOAA Tech Transfer

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## Panel 2: Regional Accelerator Programs (10:50-12:00)

There are several BlueTech accelerator programs around the U.S and the world. This panel will feature prominent BlueTech accelerator programs from two different continents, in four different cities. This panel will discuss how these regional accelerator programs are leading innovation for the Blue Economy in their respective regions, their long-term goals for regional BlueTech innovation engines, how policymakers can best support their efforts, what this means for economic growth and good-paying blue jobs, and how start-up companies can benefit from their activities.

### Speakers

- **Takashi Gojobori**, Director in General, Marine Open Innovation Institute (Japan)
- **Paula Sylvia**, Program Director - Aquaculture & Blue Technology, Port of San Diego
- **Vanessa Scott**, Director of Industry Relations, Innovation & StartBlue Accelerator, Scripps Institute of Oceanography
- **Mark Huang**, Co-Founder, SeaAhead
- **Ann Carpenter**, CEO, Braid Theory

## Afternoon Keynote

13:00-13:20

**Chris Rodley**, Founder and CEO, Snap Information Technologies

## Panel 3: Needs for BlueTech Innovation: Perspectives from Investors (13:20-14:30)

This panel will bring together venture capitalists, angel investors, and other organizations with capital to speak about what they are looking for when investing in sustainable BlueTech start-ups.

### Speakers

- **Hem Suri**, Founder and CEO, Spark Growth Ventures
- **Mary Ann Beyster**, Member of Scripps Directors Council, Investor and supporter of StartBlue, member of Blue Angel and Enves
- **Maria Gonzalez-Blanch**, Partner, Crescent Ridge VC
- **Benton Moore**, Founder and CEO, SeaDragon Capital, LLC
- **Brett Howell**, Executive Director and Founder, Howell Conservation Fund

## Panel 4: Entrepreneur's Showcase: Journey From Zero to Lift-Off (14:50-16:00)

To close out the day, and to bring our 15th annual BlueTech Week to a successful close, this panel will feature several BlueTech companies that have gone from zero, to concept, to successful lift-off. These companies will share their journeys, and their valuable insights, into how aspiring BlueTech entrepreneurs can not only reach for the stars, but achieve commercial success with a whole new generation of much-needed sustainable BlueTech.

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### Speakers

- **Alberto Lopez**, CEO, Sunfish AI
- **Robert Huber**, Co-Founder, Radmantis
- **Drew Lucas**, Principal, Del Mar Oceanographic
- **Jim Mullen**, Co-Founder, Earthwise Sorbents
- **Maor Bezner**, CTO, ECOconcrete
- **Brian Bauer**, President and CEO, Resynergi

### **Closing Remarks**

16:00-16:10

Matt Classen, Executive Director, TMA BlueTech

### **Evening Reception**

16:10-19:00

### **Hosted by**

Builders Initiative  
Schmidt Marine Technology Partners  
Scripps Institution of Oceanography  
TMA BlueTech

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# Accommodations\*

\*All prices are based on Sept. 1 research

Name	Pricing (Estimated)	Address
<a href="#">Springhill Suites San Diego Downtown/Bayfront</a>	\$378	<a href="#">900 Bayfront Ct. San Diego, CA 92101</a>
<a href="#">Residence Inn San Diego Inn San Diego Downtown/Bayfront</a>	\$353	<a href="#">900 Bayfront Ct #105, San Diego, CA 92101</a>
<a href="#">Hotel La Jolla Curio Collection by Hilton</a>	\$307	<a href="#">7955 La Jolla Shores Drive, La Jolla, CA</a>
<a href="#">La Jolla Shores Hotel</a>	\$302	<a href="#">8110 Camino Del Oro, La Jolla, San Diego, CA</a>
<a href="#">Sheraton La Jolla Hotel</a>	\$254	<a href="#">3299 Holiday Ct, La Jolla, CA</a>
<a href="#">Residence Inn San Diego La Jolla</a>	\$246	<a href="#">8901 Gilman Dr, La Jolla, CA</a>
<a href="#">WorldMark Balboa Park</a>	\$211	<a href="#">1110 A St, San Diego, CA</a>
<a href="#">Comfort Inn Gaslamp Convention Center</a>	\$204	<a href="#">660 G Street, San Diego, CA</a>
<a href="#">Holiday Inn Express San Diego Downtown</a>	\$195	<a href="#">1430 7th Ave, San Diego, CA</a>
<a href="#">Sonder the Baker</a>	\$187	<a href="#">765 Tenth Ave, San Diego, CA</a>
<a href="#">Holiday Inn Express San Diego Airport-Old Town</a>	\$173	<a href="#">1955 San Diego Avenue, San Diego, CA</a>
<a href="#">La Quinta Inn &amp; Suites by Wyndham San Diego Mission Bay</a>	\$115	<a href="#">4610 De Soto Street, San Diego, CA</a>
<a href="#">Residence Inn San Diego Downtown</a>	\$242	<a href="#">1747 Pacific Highway, San Diego, CA</a>

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