

# MYSTERIES FROM THE DEEP: EXPLORING UNDERWATER ARCHAEOLOGY

*Mysteries from the Deep: Exploring Underwater Archaeology* is a traveling exhibition  
co-produced by Flying Fish and the Intrepid Museum.



**FLYING FISH**



**INTREPID  
MUSEUM**





# MYSTERIES FROM THE DEEP

EXPLORING  
UNDERWATER  
ARCHAEOLOGY

Dive into the world of underwater archaeology, where cutting-edge technology and expert teams uncover the mysteries hidden beneath the waves.

This immersive exhibition brings their discoveries to life, revealing lost stories, cultures, and civilizations from around the globe.







# THE BIG IDEA

Our inherent curiosity drives underwater archaeology to solve the mysteries of our past, inspiring us to collaborate and use technology creatively for deeper exploration and discovery.



# THEMES





The background of the entire page is a blue-tinted underwater photograph. Two divers are visible: one in the upper right, oriented vertically with fins pointing upwards, and another in the lower right, oriented horizontally. The water is clear but has a deep blue hue. On the far left, there is a solid yellow vertical bar that runs the full height of the page.

## CURIOSITY

Curiosity drives every dive. It pushes experts to ask bold questions, solve mysteries, and fuel innovations that make the impossible possible beneath the surface.

## INNOVATION & ADAPTATION

Underwater exploration requires constant reinvention. From SCUBA and rebreathers to ROVs, sonar, and photogrammetry, experts adapt cutting-edge tools to go deeper, see clearer, and document the unseen.

## COLLABORATION

Underwater archaeology is a team effort. Oceanographers, historians, divers, conservators, and more bring their unique expertise to uncover, protect, and share stories long buried by water.

## UNCOVERING HISTORY

Submerged sites reveal powerful clues about our shared past. This work connects histories to the present through analysis and preservation, reshaping what we know about the human story.

## DISCOVERY & EXPLORATION

Every breakthrough begins with a discovery. Experts navigate extreme environments with courage and creativity to explore the unknown and unlock the secrets of submerged worlds.



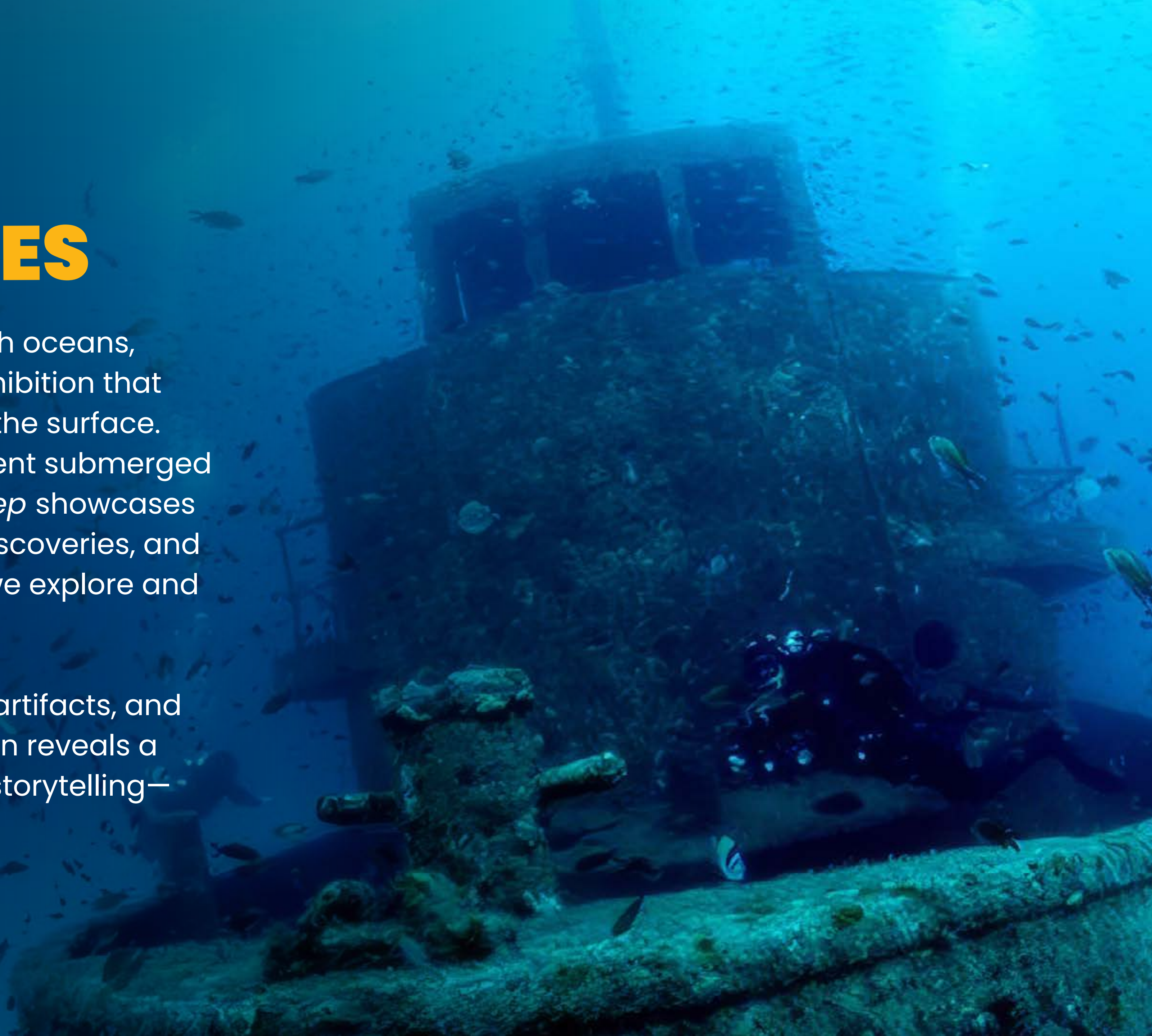




# HIGHLIGHTS & EXPERIENCES

Uncover the secrets hidden beneath oceans, lakes, and rivers in this dynamic exhibition that brings underwater archaeology to the surface. From deep-sea shipwrecks to ancient submerged settlements, *Mysteries from the Deep* showcases the groundbreaking tools, global discoveries, and diverse experts transforming how we explore and understand our shared past.

Through real case studies, original artifacts, and immersive technology, the exhibition reveals a thrilling field where science meets storytelling—beneath the waves.





# A Multi-Layered Dive into Discovery

Each section unfolds in a “choose your own adventure” format, allowing exploration from multiple angles—technological, historical, scientific, and ethical.

Throughout the exhibition, engaging features include expert interviews, authentic artifacts from underwater sites, hands-on interactives, and in-depth case studies of shipwrecks, sunken cities, and submerged landscapes.

Original objects and high-impact media showcase the cutting-edge tools driving underwater archaeology today.

MYSTERIES FROM THE DEEP  
EXPLORING UNDERWATER ARCHAEOLOGY

Discovering

Descubriendo



A background image of an underwater scene. A diver is visible in the center, exploring ancient stone ruins on the ocean floor. The water is a deep blue-green, and the ruins are covered in some marine growth. The overall mood is mysterious and historical.

# ZONE A: Underwater Archaeology 101

Learn about the field of underwater archaeology—where scientists explore shipwrecks, sunken cities, and lost artifacts hidden beneath oceans, lakes, rivers, and more. Discover the challenges of working underwater, the high-tech tools that make it possible, and the stories submerged sites can tell.

## INTERACTIVES:

### Artifact Storytelling

- Use a magnifying glass to reveal what artifacts can tell us about underwater archaeological sites.
- **Where Are Underwater Sites Found?** A dynamic map features different underwater sites, including oceans, rivers, lakes, wetlands, and wells.

## MEDIA:

### 'Meet the Experts' Theater

- Meet the field experts driving the discoveries—why they do it, what they uncover, and why it matters.



# ZONE B: Discovering

Step into the 'Underwater Archaeology Lab' to explore how submerged sites are found and surveyed—from accidental discoveries to high-tech sonar and robot-assisted searches. Hands-on interactives and real-world case studies reveal how experts uncover the past beneath the surface.

## Submerged Histories:

### **Clotilda**

#### **Mobila, Alabama, USA**

- Discover how a robot located Shackleton's 1914 shipwreck in the Weddell Sea.

### **Alpena-Amberley Ridge**

#### **Michigan, USA**

- See how AI was used in connection with 9,000-year-old hunting sites submerged in Lake Michigan.

## The Experts:

### **Jay Haigler & Jeremy Ellis**

- Meet diver Jay Haigler and descendant Jeremy Ellis, sharing their firsthand connections to this remarkable discovery.

### **Dr. Ashley Lemke**

- Meet underwater archaeologist Dr. Ashley Lemke as she talks about the creation of the Alpena-Amberley Ridge AI model, working with Indigenous hunters to predict the location of other hunting sites along the ridge.





# ZONE C: UNCOVERING

ZONE C focuses on documenting and excavating underwater sites. Explore the tools used by divers and the evolving technologies that assist them. Exhibits and interactives reveal the challenges of underwater archaeology and showcase real-world examples of successful excavations. The design, featuring lighting and water textures, immerses visitors in the underwater world, highlighting the efforts of those uncovering history beneath the waves.

## SUBMERGED HISTORIES

### **Hoyo Negro**

#### **Quintana Roo, Mexico**

- Discover how 3D models are used to study extinct animal bones in this complex cave site.

### **Monterrey Shipwrecks**

#### **Offshore Texas, Gulf of Mexico**

- See an ROV in action as it explores a deepwater shipwreck in the Gulf of Mexico.

## THE EXPERTS:

### **Dominique Rissolo**

- Meet Dominique Rissolo, one of the lead researchers in the Hoyo Negro project, as he talks about the creation and use of 3D models in the project.

### **Jim Delgado**

- Meet underwater archaeologist Jim Delgado, who discusses the use of telepresence to bring in many experts to demistify the Monterrey Shipwreck excavation.



# ZONE D: RECOVERING

ZONE D explores how underwater archaeologists understand and preserve site history. In the underwater archaeology lab, see how conservators and researchers study artifacts, make decisions on preservation, and address ethical issues.

View 3D replicas and conservation tools, and learn from real-world examples that show how studying historical evidence helps develop new theories and enrich our understanding of the past.

## SUBMERGED HISTORIES

### **Pavlopetri**

#### **Peloponnese, Greece**

- See how underwater archaeologists and CGI experts have visually recreated the world's oldest submerged harbor town.

### **H.L. Hunley**

#### **South Carolina, USA**

- Observe conservation efforts on the Civil War's first successful combat submarine.

## THE EXPERTS:

### **Simon Clarke, Founder**

- Meet CGI expert Simon Clarke as he talks about how he worked with the team to recreate what the site would have looked like during the Bronze Age.

### **Johanna Rivera-Diaz**

- Meet conservator Johanna Rivera-Diaz as she talks about the conservation techniques used on the Hunley submarine and her artifacts.



An underwater scene featuring ancient stone ruins, possibly a temple or city, partially submerged. The water is a deep blue, and numerous small fish are swimming around the structures. The scene is dimly lit, with light filtering down from above, creating a mysterious and historical atmosphere.

# ZONE E: FORECASTING THE FUTURE OF UNDERWATER ARCHAEOLOGY

The exhibition's final section explores the future of underwater archaeology, highlighting undiscovered sites and their potential to reveal more about our shared history.

Experts will discuss upcoming advancements, inspiring and exciting audiences about underwater archaeology's evolving possibilities and ongoing impact on our knowledge of the past.

## SUBMERGED HISTORIES

### **Sea level rise map**

- Explore how sea levels have changed over time and could change in the future.

### ***Underwater archaeology personality test***

- Learn what role in underwater archaeology might fit your skills and passions.

## MEDIA

### **Future of underwater archaeology**

- Hear from the experts their thoughts on the future of underwater archaeology.



# EXPERTS

## GUEST CURATOR AND LEAD ADVISOR

### **Megan Lickliter-Mundon, PhD**

- Lead Archaeologist, Underwater Team, Henry M. Jackson Foundation (CTR) supporting Defense POW/MIA Accounting Agency

## FEATURED EXPERTS

### **Ashley Lemke PhD**

- Associate Professor of Anthropology, University of Wisconsin-Milwaukee

### **Jeremy Ellis**

- Descendant of Kupollee (Pollee) and Rosalie (Rose) Allen
- Former President, Clotilda Descendants Association

### **Jay V. Haigler**

- Founding Director, Diving With a Purpose

### **Simon Clarke**

- Creative Director, Moonraker VFX

### **Dominique Rissolo, PhD**

- Research Scientist, Qualcomm Institute at the University of California, San Diego

### **Jim Delgado, PhD**

- Senior Vice President, SEARCH, LLC

### **Johanna Rivera**

- Senior Conservator, Clemson University

### **Justin Dunnivant, PhD**

- Assistant Professor of Anthropology, University of California, Los Angeles





# FLYING FISH

At Flying Fish, we believe that exhibitions can achieve more. As a leading producer of traveling exhibitions for over a decade, we collaborate with world-class museums and science centers to create extraordinary and impactful experiences. Our exhibitions have impacted more than twelve million visitors worldwide, highlighting the wonders of science, history, culture, and more, and we are committed to making exceptional and authentic content accessible to all while generating new, sustainable revenue for our clients. By empowering institutions to share their stories globally, we amplify their missions and broaden their influence.

For Museums. By Museums.



The Intrepid Museum, a private non-profit, holds a special place in New York City's cultural landscape. Founded in 1982 with the acquisition of the storied WWII aircraft carrier *Intrepid*—a National Historic Landmark and the centerpiece of its collection—the Museum welcomes over one million visitors annually from all around the world.

Its mission is to promote the awareness and understanding of history, science and service through bold and immersive collections, exhibitions and programming in order to honor our heroes, educate the public and inspire future generations.

## Specifications



### SIZE

5,000 sq. ft. scalable +/- 1500 sq. ft.  
500 m<sup>2</sup> scalable +/- 150 m<sup>2</sup>



### PRODUCTION TIME

Ten (10) working days for installation;  
Seven (7) working days for deinstallation



### FREIGHT

Three (3) 53 ft. trailers +  
one (1) climate-controlled trailer  
(estimated)



### TOUR AVAILABILITY

Inquire for availability



### LANGUAGES

American English and Latin American Spanish



### ACCESSIBILITY

Exhibition applies current best practices in Universal Design and accessibility

## Contact



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