

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



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.



The background of the entire page is a deep-sea photograph showing a diver in a blue wetsuit and mask, working on a large, dark, rocky structure covered in coral and marine life. The water is a deep blue-green, and the scene is dimly lit, emphasizing the underwater environment.

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.

OUR SUBMERGED HISTORY

Around the world, secrets of our history are hidden underwater. Submerged sites like shipwrecks, cultural sites, and plane wrecks all offer portals into the lives of past people. The study of these sites is called underwater archaeology, and it takes a lot of dedicated and adventurous people to practice it. Our curiosity to learn more about those who came before us drives the tenacity, technological advancement, and innovation needed to uncover history in these extreme environments.

Image: JEFF GORDON / OCEANIC PHOTOGRAPHY

NUESTRA HISTORIA SUMERGIDA

En todo el mundo se esconden bajo el agua secretos de nuestra historia. Los yacimientos sumergidos como naufragios, ciudades, sitios culturales, nos permiten vislumbra

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.

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.

An underwater scene featuring a large school of small, dark fish swimming in clear blue water. In the background, a large, dark, rectangular object, possibly a shipwreck or a large container, is visible. The scene is dimly lit, with light filtering down from above.

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 exhibitions can do more. As a leading producer of touring exhibitions for more than a decade, we partner with world-class museums and science centers to create extraordinary, high-impact experiences. Our exhibitions have welcomed over 12 million visitors worldwide, exploring science, history, culture, and beyond. We're committed to making exceptional, authentic content accessible to communities everywhere, while generating sustainable revenue for our partners.

For Museums. By Museums.

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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 m² scalable +/- 150 m²



PRODUCTION TIME

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



FREIGHT

Two (2) 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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