



Co-funded by the COSME programme  
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2<sup>nd</sup> International Conference  
**DIVE IN BLUE GROWTH**  
May 12-14, 2021  
VIRTUAL



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Under the Auspices of the Hellenic Ministry of Culture & Sports

## 2nd International Conference on the Promotion of Accessible Underwater Cultural Heritage Sites

*Under the Auspices of the Hellenic Ministry of Culture & Sports*

### “Dive in Blue Growth”

VIRTUAL May 12-14, 2021

## CONFERENCE PRELIMINARY AGENDA

All times listed in CET

### DAY 1: Wednesday 12 May 2021

09:30 – 10:00 Late Registration / Technical Support

10:00 – 10:30 Opening & Welcome

10:30 – 10:50 **Keynote Speeches**

“MeDryDive: The Project and its European context”  
Alan Vella, MeDryDive Project Officer

“The COSME experience”  
Igor Kalinic, Head of Sector of COSME Programme

10:50 – 12:30 **The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)**

Session Chair: Barbara Davide Petriaggi

**Different approaches for the protection and enhancement of Underwater Archaeological sites: acquiresments and aspirations**  
Pari Kalamara

**The Innovative and State of the Art Public Access Management of Malta’s Underwater Cultural Heritage**  
Darko Kovacevic





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**A Roadmap for the sustainable valorization of Accessible Underwater Cultural Heritage; Integration of BLUEMED model for Open and Accessible to all sites**

Angelos Manglis, Anastasia Fourkiotou, Dimitra Papadopoulou

**Laws, Policies, Techniques, and Utilization for the Protection of Underwater Cultural Heritage in Republic of Korea**

Jung Young-Hwa

**Protection and promotion of the submerged “Villa of the dolia” off ancient Epidaurus: methods and strategies of an international project**

Barbara Davidde Petriaggi, Panagiota Galiatzatos

12:30 – 13:30

Lunch break & networking

13:30 – 14:50

**Dry dive technologies: dematerializing Underwater Cultural Heritage to make it accessible to everybody**

Session Chair: Pari Kalamara

**Dry Dive experiences on the far side of the Mediterranean. VR and live video applied for making UCH accessible**

Carlota Pérez-Reverte Mañas, Felipe Cerezo Andreo, Pablo Osorio López, Luis Mariscal Rico

**The underwater wonderland of ancient Puglia**

Rita Auriemma, Italo Spada, Giuseppe De Prezzo, Nicoletta Spisso, Andrea Picciolo, Cosimo Buccolieri, Simone Parizzi, Elisa Costa

**Dry Diving and Augmented Reality Simulations of Historical Events and Artefacts**

Gunnar Liestøl, Michael Bendon, Elpida Hadjidaki-Marder

**Dive in The Past: A Serious Game to promote the Underwater Cultural Heritage of the Mediterranean Sea**

Marco Cozza, S. Isabella, P. Di Cuia, Fabio Bruno

14:50 – 15:10

Coffee break & networking

15:10 – 16:30

**Accessible Underwater Cultural Heritage Sites (AUCHS): reaching the public**

Session Chair: Aggela Veneti

**4 sites and 2 little museums. Raising awareness through Accessible Underwater Cultural Heritage Sites (AUCHS). Protecting and promoting Underwater Cultural Heritage on the Algeciras Bay, The Herakles Project**

Felipe Cerezo Andreo, Carlota Pérez-Reverte Mañas, Raúl González Gallero, Alicia Arévalo González



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### **SoPHIA meets BLUEMED: A new Holistic Impact Assessment Model**

Despina Koutsoumba, Elia Vlachou

### **Formentera Project: Conservation and integration of Underwater Cultural Heritage in the island community**

Javier Rodriguez Pandozi, Enrique Aragon, Andrea Sanz

### **Dry dive experience in the Underwater Archaeological Park of Baiae: gamification to promote Underwater Cultural Heritage destinations**

Cristina Canoro, Fabio Bruno, Marco Cozza, Francesco Izzo

**16:30 – 17:15**

#### **Conclusions & Discussion**

Concluding Discussion Panel: Pari Kalamara, Barbara Davidde Petriaggi, Aggela Veneti, Angelos Manglis

## **DAY 2: Thursday 13 May 2021**

**10:00 – 10:30**

**Late Registration / Technical Support**

**10:30 – 10:50**

**Keynote Speech**

**TBD**

**10:50 – 12:30**

**Technologies and approaches for the in-situ promotion of Accessible Underwater Cultural Heritage Sites (AUCHS)**

**Session Chair: Fabio Bruno**

### **Design and implementation of signage for the first Accessible Underwater Cultural Heritage Site in Greece**

Elianna Kolyva, Foteini Vlachaki

### **NEANIAS innovative services for Underwater Cultural Heritage Sites**

Paraskevi Nomikou, Kalliopi Baika, Paul Wintersteller, Konstantinos Karantzas, Josep Quitana, Danai Lampridou, Effie Zafeirakopoulou, Jafar Anbar and NEANIAS team members

### **The MPA Gaiola Underwater Park: towards a new and more sustainable model of management of an underwater Park.**

Maurizio Simeone, Caterina De Vivo, Paola Masucci, Martina Defina, Giuseppina Campanile

### **Underwater itineraries in Sicily: submerged museums and new technologies**

Valeria Li Vigni, Floriana Agneto, Pietro Selvaggio



**From discovery to public consumption: The process of mapping and evaluating underwater cultural heritage in Malta**

Timmy Gambin

12:30 – 13:30      Lunch break & networking

13:30 – 15:10      **The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)**

Session Chair: Angelos Manglis

**MaTaCoS project outcomes: innovative products and electromechanical tools for supporting the restoration of underwater CH**

Luciana Randazzo, Michela Ricca, Natalia Rovella, Silvio Antonio Ruffolo, Fabio Bruno, Alessandro Gallo, Emanuele Marino, Marco Lupia, Gianni Cario, Mauro Francesco La Russa

**Protection and promotion of coastal archaeological sites, with the application of soft shore protection methods against erosion, in the context of sustainable environmental protection of the coastal zone. The case of ancient Asopos (Plytra)**

Foteini Vlachaki

**Creating a practical tool for monitoring the preservation state of ancient shipwrecks**

Helen M. Bardas, Angelos Tsompanidis, Aggeliki Bei

**CAORLE 1 Shipwreck (II-I B.C.). The ongoing project for a remote protection of the site**

Massimo Capulli, Alessandro Asta, Stefano Furlani, Mirko Loghi

**NOUS - uNdersea visiOn sUrveillance System at the sea wreck of Peristera, Alonnisos**

George Papalambrou, Vasilis Mentogiannis, Kostas Katsioulis, Pari Kalamara, Despina Koutsoumba

15:10 – 15:30      Coffee break & networking

15:30 – 16:50      **The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)**

Session Chair: Pari Kalamara

**Underwater Parks of the Northern Black Sea Region and Sustainable Development of Tourism**

Sergey Fazlullin, Elena Ezhova

**Sustainable and Resilient Management of Underwater Cultural Heritage (UCH) in Remote Mediterranean Islands: A Methodological Framework**

Dionisia Koutsi, Anastasia Stratigea



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**Promotion of Accessible Underwater Cultural Heritage Site (AUCHS) on the example of an XVIII<sup>th</sup>-century frigate that sank in the Aegean Sea**

Yury Tkachenko, Sergey Khokhlov, Michael Bardashov, Valeria Shemyshevskaya, Ivan Gorlov, Rolan Sadekov

**An Archaeopark proposal in the Black Sea in the light of underwater research of Ancient Calpe Port**

Ahmet Bilir, Serkan Gedük, Günay Dönmez, Ramazan Sayim

16:50 – 17:30

**Conclusions & Discussion**

Concluding Discussion Panel: Pari Kalamara, Barbara Davidde Petriaggi, Fabio Bruno, Angelos Manglis

**DAY 3: Friday 14 May 2021**

10:00 – 10:30

Late Registration / Technical Support

10:30 – 10:50

**Keynote Speech**

**“Environmental, Energy and Climate Change Adaptation Policy of the Hellenic Ministry of National Defence and the Underwater Cultural Heritage – From where we are now to where we must get to.”**

**Panagiotis Tripontikas**, Commander in Hellenic Navy, Hellenic Ministry of National Defence, Directorate of Military and Technological Support, Department of Infrastructure and Environmental & Cultural Protection

10:50 – 12:30

**Dry dive technologies: dematerializing Underwater Cultural Heritage to make it accessible to everybody**

**Session Chair: Fabio Bruno**

**Exploring modern shipwrecks using digital technologies: the case study of the Christoforos Shipwreck**

Fabio Bruno, Matteo Collina, Antonio Lagudi, Anastasios Ktistis, Nicolas Sidiropoulos, Angelos Manglis

**Introducing Virtual Interactive Navigation in the submarine environment of Santorini**

Paraskevi Nomikou, G. Pehlivanides, Ch. Stentoumis, A. Arapantonis, M. Douza, V. Antoniou, M. Sarantinos, K. Bejelou, O. Vlassopoulos, I. Kalisperakis, K. Monastiridis, A. Dura, G. Ioannidis, V. Pierrou, E. Karyati, A. Tourtas, K. Karantzalos



**Photogrammetric techniques for digitalization of underwater cultural assets: The case study of the Torre Santa Sabina's Shipwreck**

Rita Auriemma, Alessio Calantropio, Filiberto Chiabrando, Luigi Coluccia

**Use of cheap surface and submarine automated vessels for research and promote Accessible Underwater Cultural Heritage Site (AUCHS)**

Sergey Khokhlov, Ivan Gorlov, Yury Tkachenko, Michael Bardashov, Rolan Sadekov

**Towards an innovative system for the cataloguing of underwater cultural heritage: the case of "Gran Carro" of Bolsena (Viterbo, Italy)**

Barbara Barbaro, Elena Musumeci, Marco Medici, Egidio Severi, Chiara Veninata

12:30 – 13:30      Lunch break & networking

13:30 – 14:50      **The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)**

Session Chair: Dimitris Kourkoumelis

**The ancient shipwreck of Peristera, Alonissos, as the first accessible underwater cultural heritage site in Greece**

Pari Kalamara, Dimitris Kourkoumelis, Despina Koutsoumba

**ACCESSIBLE UNDERWATER TOURISM: archaeology at your fingertips**

GianPaolo Colucci

**Archaeological sites open to visits in the marine environment: the case of the so-called "Terme del Lacus" in Baiae (Italy)**

Barbara Davidde Petriaggi, Enrico Gallochio, Salvatore Medaglia

**Different approaches for the protection and promotion of ancient and WWII, Accessible Underwater Cultural Heritage Sites (AUCHS). The cases of Fournoi and Leros wreck sites under the ongoing INTERREG V-A Greece- Cyprus2014-2020 project "An.Di.Ka.T."**

Vasiliki Kyprouli, Foteini Vlachaki, George Koutsouflakis

14:50 – 15:10      Coffee break & networking

15:10 – 16:30      **The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)**

Session Chair: Aggela Veneti



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### **The importance of Stakeholders' participation in the management of Accessible Underwater Cultural Heritage Sites (AUCHS) towards local sustainable development of Alonissos**

Athanasios E. Zlatoudis

### **Implementing multi-criteria analysis in the selection of AUCHS for the integration of digital technologies into the tourism offering; the case of MeDryDive**

Angelos Manglis, Paschalina Giatsiatsou, Dimitra Papadopoulou, Vasiliki Drouga, Anastasia Fourkiotou

### **Comparison of economic and tourist factors in the protection of underwater cultural heritage in the Republic of Croatia: a case study on the ancient shipwrecks protected by metal cages and shipwreck from the bay Letavica on the island of Pag**

Vedran Dorušić, Matko Čvrljak

### **Underwater Cultural Heritage Tourism and Alternatives to Diving Tourism**

Maria Vrasida

16:30 – 17:15

#### **Conclusions & Discussion**

Concluding Discussion Panel: Fabio Bruno, Dimitris Kourkoumelis, Aggela Veneti, Angelos Manglis

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