



Under the Auspices of the Hellenic Ministry of Culture & Sports

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

“Dive in Blue Growth”

May 12-14, 2021

CONFERENCE AGENDA

All times listed in CET hours.

DAY 1: Wednesday 12 May 2021

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

10:00 – 10:30 **WELCOME & OPENING STATEMENTS**

Welcome

Angelos Manglis, Member of the Steering Committee

Opening Statements addressed by:

Lina G. Mendoni, Minister, Hellenic Ministry of Culture and Sports

Nikolaos Panagiotopoulos, Minister, Hellenic Ministry of National Defense

Lucia Borgonzoni, Senator of the Italian Republic, Undersecretary of State at the Ministry of Culture

Kostas Agorastos, Regional Governor of Thessaly

10:30 – 10:50 **Keynote Speeches**

“The COSME experience”

Igor Kalinić, Head of Sector of COSME Programme

“MeDryDive: The Project and its European context”

Alan Vella, MeDryDive Project Officer



10:50 – 12:30 **SESSION 1: The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)**

Session Chair: Barbara Davidde Petriaggi

10:50 – 11:10 **Different approaches for the protection and enhancement of Underwater Archaeological sites: acquirements and aspirations**
Pari Kalamara

11:10 – 11:30 **The Innovative and State of the Art Public Access Management of Malta's Underwater Cultural Heritage**
Darko Kovacevic

11:30 – 11:50 **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

11:50 – 12:10 **Laws, Policies, Techniques, and Utilization for the Protection of Underwater Cultural Heritage in Republic of Korea**
Jung Young-Hwa

12:10 – 12:30 **Protection and promotion of the submerged “Villa of the dolia” off ancient Epidaurus: methods and strategies of an international project**
Barbara Davidde Petriaggi, Panagiota Galiatsatou

12:30 – 13:30 **Lunch Break & Networking Lobby**

13:30 – 14:50 **SESSION 2: Dry dive technologies: dematerializing Underwater Cultural Heritage to make it accessible to everybody**

Session Chair: Pari Kalamara

13:30 – 13:50 **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

13:50 – 14:10 **The underwater wonderland of ancient Puglia**
Rita Auriemma, Italo Spada, Giuseppe De Prezzo, Nicoletta Spisso, Andrea Picciolo, Cosimo Buccolieri, Simone Parizzi, Elisa Costa

14:10 – 14:30 **Dry Diving and Augmented Reality Simulations of Historical Events and Artefacts**
Gunnar Liestøl, Michael Bendon, Elpida Hadjidaki-Marder



14:30 – 14:50	Dive in The Past: A Serious Game to promote the Underwater Cultural Heritage of the Mediterranean Sea Marco Cozza, Salvatore Isabella, Paola Di Cuia, Fabio Bruno
14:50 – 15:10	Coffee break & Networking Lobby
15:10 – 16:30	SESSION 3: Accessible Underwater Cultural Heritage Sites (AUCHS): reaching the public Session Chair: Aggela Veneti
15:10 – 15:30	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
15:30 – 15:50	SoPHIA meets BLUEMED: A new Holistic Impact Assessment Model Despoina Koutsoumba, Elia Vlachou
15:50 – 16:10	Formentera Project: Conservation and integration of Underwater Cultural Heritage in the island community Javier Rodriguez Pandozi, Enrique Aragon, Andrea Sanz
16:10 – 16:30	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 “iMARECULTURE project: From 3D documentation to VR Visits” Dimitrios Skarlatos, Associate Prof. Dr.-Ing. Vice Dean School of Engineering, Dept. of Civil Engineering and Geomatics Cyprus University of Technology, Photogrammetric-Vision Lab



10:50 – 12:30 **SESSION 1: Technologies and approaches for the in-situ promotion of Accessible Underwater Cultural Heritage Sites (AUCHS)**

Session Chair: Fabio Bruno

10:50 – 11:10 **Design and implementation of signage for the first Accessible Underwater Cultural Heritage Site in Greece**

Elianna Kolyva, Foteini Vlachaki

11:10 – 11:30 **NEANIAS innovative services for Underwater Cultural Heritage Sites**

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

11:30 – 11:50 **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

11:50 – 12:10 **Underwater itineraries in Sicily: submerged museums and new technologies**

Valeria Li Vigni Tusa, Floriana Agneto, Pietro Selvaggio

12:10 – 12:30 **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 Lobby**

13:30 – 15:10 **SESSION 2: The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)**

Session Chair: Angelos Manglis

13:30 – 13:50 **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

13:50 – 14:10 **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



- 14:10 – 14:30** **Creating a practical tool for monitoring the preservation state of ancient shipwrecks**
Helen M. Bardas, Angelos Tsompanidis, Aggeliki Bei
- 14:30 – 14:50** **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
- 14:50 – 15:10** **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 Lobby**
- 15:30 – 16:50** **SESSION 3: The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)**
Session Chair: Pari Kalamara
- 15:30 – 15:50** **Underwater Parks of the Northern Black Sea Region and Sustainable Development of Tourism**
Sergey Fazlullin, Elena Ezhova
- 15:50 – 16:10** **Sustainable and Resilient Management of Underwater Cultural Heritage (UCH) in Remote Mediterranean Islands: A Methodological Framework**
Dionisia Koutsi, Anastasia Stratigea
- 16:10 – 16:30** **Promotion of Accessible Underwater Cultural Heritage Site (AUCHS) on the example of an XVIIIth-century frigate that sank in the Aegean Sea**
Yury Tkachenko, Sergey Khokhlov, Michael Bardashov, Valeria Shemyshevskaya, Ivan Gorlov, Rolan Sadekov
- 16:30 – 16:50** **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

SESSION 1: Dry dive technologies: dematerializing Underwater Cultural Heritage to make it accessible to everybody

Session Chair: Fabio Bruno

10:50 – 11:10

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

11:10 – 11:30

Introducing Virtual Interactive Navigation in the submarine environment of Santorini

[Paraskevi Nomikou](#), George Pehlivanides, Christos Stentoumis, Alexandros Arapantonis, Maria Douza, Varvara Antoniou, Michalis Sarantinos, Konstantina Bejelou, Othonas Vlassopoulos, Ilias Kalisperakis, Kostas Monastiridis, Anna Dura, Giotis Ioannidis, Vasiliki Pierrou, Elli Karyati, Alexandros Tourtas, Konstantinos Karantzalos

11:30 – 11:50

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

11:50 – 12:10

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

12:10 – 12:30

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 Lobby**
- 13:00 – 13:30 **Parallel Session** [through the Networking Lobby link]
- “DiveSafe - Integrated system for scientific and environmental underwater surveys, with advanced health & safety features”
- Polyvios Raxis, DiveSafe project coordinator, R&D Dept. ATLANTIS Consulting
- 13:30 – 14:50 **SESSION 2: The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)**
- Session Chair: Dimitris Kourkoumelis**
- 13:30 – 13:50 **The ancient shipwreck of Peristera, Alonissos, as the first accessible underwater cultural heritage site in Greece**
Pari Kalamara, Dimitris Kourkoumelis, Despoina Koutsoumba
- 13:50 – 14:10 **ACCESSIBLE UNDERWATER TOURISM: archaeology at your fingertips**
GianPaolo Colucci
- 14:10 – 14:30 **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
- 14:30 – 14:50 **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 Lobby**
- 15:10 – 16:30 **SESSION 3: The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)**
- Session Chair: Aggela Veneti**
- 15:10 – 15:30 **The importance of Stakeholders’ participation in the management of Accessible Underwater Cultural Heritage Sites (AUCHS) towards local sustainable development of Alonissos**
Athanasios E. Zlatoudis



15:30 – 15:50	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
15:50 – 16:10	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
16:10 – 16:30	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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