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
## SESSION 1: The promotion and protection of Accessible Underwater Cultural Heritage Sites (AUCHS)

**Session Chair:** Barbara Davidde Petriaggi

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| 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                                                                                                          |

## SESSION 2: Dry dive technologies: dematerializing Underwater Cultural Heritage to make it accessible to everybody

**Session Chair:** Pari Kalamara

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| 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 Liestol, 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 – 15:30
**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
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<td>10:50 – 12:30</td>
<td><strong>SESSION 1: Technologies and approaches for the in-situ promotion of Accessible Underwater Cultural Heritage Sites (AUCHS)</strong> &lt;br&gt;Session Chair: Fabio Bruno</td>
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<td>10:50 – 11:10</td>
<td>Design and implementation of signage for the first Accessible Underwater Cultural Heritage Site in Greece &lt;br&gt;Elianna Kolyva, Foteini Vlachaki</td>
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<td>11:10 – 11:30</td>
<td>NEANIAS innovative services for Underwater Cultural Heritage Sites &lt;br&gt;Paraskevi Nomikou, Kalliopi Baika, Paul Wintersteller, Konstantinos Karantzalos, Josep Quitana, Danai Lampridou, Effie Zafeirakopoulou, Jafar Anbar and NEANIAS team members</td>
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<td>11:30 – 11:50</td>
<td>The MPA Gaiola Underwater Park: towards a new and more sustainable model of management of an underwater Park. &lt;br&gt;Maurizio Simeone, Caterina De Vivo, Paola Masucci, Martina Defina, Giuseppina Campanile</td>
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<td>11:50 – 12:10</td>
<td>Underwater itineraries in Sicily: submerged museums and new technologies &lt;br&gt;Valeria Li Vigni Tusa, Floriana Agneto, Pietro Selvaggio</td>
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<td>12:10 – 12:30</td>
<td>From discovery to public consumption: The process of mapping and evaluating underwater cultural heritage in Malta &lt;br&gt;Timmy Gambin</td>
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<td>13:30 – 13:50</td>
<td>MaTaCoS project outcomes: innovative products and electromechanical tools for supporting the restoration of underwater CH &lt;br&gt;Luciana Randazzo, Michela Ricca, Natalia Rovella, Silvio Antonio Ruffolo, Fabio Bruno, Alessandro Gallo, Emanuele Marino, Marco Lupia, Gianni Cario, Mauro Francesco La Russa</td>
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<td>13:50 – 14:10</td>
<td>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) &lt;br&gt;Foteini Vlachaki</td>
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<td>Creating a practical tool for monitoring the preservation state of ancient shipwrecks</td>
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<td>14:30 – 14:50</td>
<td>CAORLE 1 Shipwreck (II-I B.C.). The ongoing project for a remote protection of the site</td>
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<td>14:50 – 15:10</td>
<td>NOUS - uNdersea visiOn sUrveillance System at the sea wreck of Peristera, Alonnisos</td>
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<td>15:30 – 15:50</td>
<td>Underwater Parks of the Northern Black Sea Region and Sustainable Development of Tourism</td>
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<td>15:50 – 16:10</td>
<td>Sustainable and Resilient Management of Underwater Cultural Heritage (UCH) in Remote Mediterranean Islands: A Methodological Framework</td>
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<td>16:10 – 16:30</td>
<td>Promotion of Accessible Underwater Cultural Heritage Site (AUCHS) on the example of an XVIIIth-century frigate that sank in the Aegean Sea</td>
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<td>16:30 – 16:50</td>
<td>An Archaeopark proposal in the Black Sea in the light of underwater research of Ancient Calpe Port</td>
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**DAY 3: Friday 14 May 2021**

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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 Gallocchio, Salvatore Medaglia


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 Ćvrljak

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

Supported by:

MeDryDive Partners: