

CONFERENCE PROGRAMME



8th European Conference on
SCIENTIFIC DIVING
Heraklion, Crete | 22-26 April 2024

Περιεχόμενα

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WELCOME

Every year, the European Conference on Scientific Diving (ECSD) provides an international platform for the community of European leaders in the field of scientific diving, early-stage researchers and students to present results from their most recent underwater research. Furthermore, the event serves as a platform to learn about and discuss newly developed technologies, safety issues, as well as institutional issues.

The ECSD in its current form was initiated in 2015 by the Marine Board European Scientific Diving Panel (ESDP). The aim was to combine the “International Symposium on Occupational Scientific Diving (ISOSD)” and the international workshop “Research in Shallow Marine Water Systems” into one general annual meeting.

The first ECSD took place in Stuttgart, Germany, in 2015. The following conferences were hosted in Kristineberg, Sweden (2016), Funchal, Madeira/Portugal (2017), Orkney, Scotland/UK (2018), Sopot, Poland (2019), Freiberg, Germany (2021; video conference), respectively and in Roscoff, France (2023).. The 8th edition of the ECSD takes place in Heraklion at the island of Crete, Greece, 22-26 April 2024.

Main topics for the talks and posters may concern **biology/ecology, physical oceanography, biogeochemistry, geosciences, archaeology, technologies, scientific diving (SD) education and training, and SD regulation.**

Marine spatial planning and marine renewable energies may be also new emerging topics when considering the growing demand for sustainable management of the littoral and coastal zones and environmental issues associated with the setting up of MRE technologies.



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COMMITTEES

Scientific Conference Organization:

Dr. Thanos Dailianis & Dr. Maria Salomidi, Hellenic Centre for Marine Research (HCMR)

SCIENTIFIC Committee:

Dr. Maria Salomidi, Researcher, Institute of Oceanography, HCMR, Greece

Dr. Thanos Dailianis, Researcher, Institute of Marine Biology, Biotechnology & Aquaculture, HCMR, Greece

Prof. Jean-Pierre Feral, Research Director Emeritus at Station Marine d'Endoume, CNRS, AMU, France

Dr. Martin Sayer, Managing Director, Tritonia Scientific Ltd., UK

Dr. Christos Arvanitidis, Chief Executive Officer, LifeWatch ERIC, Spain

Prof. Giorgos Tsounis, Adjunct Professor, Dept. of Biology, California State Univ., USA

Dr. Theotokis Theodoulou, Archaeologist PhD, Diver, Ephorate of Underwater Antiquities, Greece

Prof. Vasilis Gerovasileiou, Assistant Professor, Dept. of Environment, Ionian Univ., Greece

Prof. Dr. Dr. MSc Niki Evelpidou, Dept. of Geology and Geoenvironment, NKUA, Greece

Prof. Eleni Voultsiadou, Professor Emeritus, Dept. of Biology, Aristotle Univ. of Thessaloniki, Greece

Dr. Maria Sini, Research Fellow, Dept. of Marine Sciences, Univ. of the Aegean, Greece

Dr. Yiannis Issaris, Research Associate, Institute of Oceanography, HCMR, Greece

Dr. Alex Tourtas, Post Doc Res., Dept. of Cultural Technology and Communication, Univ. of the Aegean, Greece

Dr. Vasilis Gerakaris, Research Associate, Institute of Oceanography, HCMR, Greece

LOCAL ORGANIZING Committee:

Dr. Thanos Dailianis, Researcher, Inst. of Marine Biology, Biotechnology & Aquaculture, HCMR, Greece

Dr. Maria Salomidi, Researcher, Inst. of Oceanography, HCMR, Greece

Dr. Vasilis Gerakaris, Research Associate, Inst. of Oceanography, HCMR, Greece

Dr. Yiannis Issaris, Research Associate, Inst. of Oceanography, HCMR, Greece

Dr. Georgios Chatzigeorgiou, Technician, Inst. of Marine Biology, Biotechnology & Aquaculture, HCMR, Greece

Eleni Kytinou, PhD candidate, Inst. of Oceanography, HCMR, Greece

Grigorios Skouradakis, PhD candidate, Inst. of Marine Biology, Biotechnology & Aquaculture, HCMR, Greece

Wanda Plaiti, Diving Officer, Inst. of Marine Biology, Biotechnology & Aquaculture, HCMR, Greece


Emmanouela Vernadou, Research Assist., Inst. of Marine Biology, Biotechnology & Aquaculture, HCMR, Greece

Athanasios Anastasiadis, Research Assist., Inst. of Marine Biology, Biotechnology & Aquaculture, HCMR, Greece

Ioannis Rallis, Research Assist., Inst. of Marine Biology, Biotechnology & Aquaculture, HCMR, Greece


Scientific Conference Organization:

Hellenic Centre for Marine Research (HCMR)

 hcmr.gr



The Conference is supported by the European Scientific Diving Panel (ESDP)

 esdpanel.eu



KEYNOTE SPEAKERS



Dr. Lorenzo Bramanti – *Laboratoire d'Ecogéochimie des Environnements Benthiques, LECOB, Observatoire Océanologique de Banyuls sur Mer, Centre National de la Recherche Scientifique (CNRS)-Sorbonne Université, Banyuls sur Mer, France*

Title: “Under the Pole DEEPLIFE Expeditions: Mesophotic Marine Animal Forests”



Pierre-Yves Cousteau – *Founder and President of Cousteau Divers*

Title: “Cousteau Divers: Citizen Science for Recreational SCUBA Divers”



Dr. Stella Demesticha – *Associate Professor of Maritime Archaeology, Archaeological Research Unit, University of Cyprus, Cyprus*

Title: “Shipwreck Archaeology in the eastern Mediterranean: key challenges and perspectives”



Prof. Stelios Katsanevakis – *Department of Marine Sciences, University of the Aegean, Greece*

Title: “Ecological status and biodiversity shifts in Mediterranean shallow marine ecosystems: drivers and challenges”

SPONSORS

Under the auspices of:



Official Air Carrier Sponsor:



USEFUL CONTACTS

Heraklion city buses information	2810 283270
Taxi Heraklion	2810 361362, 2810 210102, 2814 003084
Ambulance	166
Fire Department	199
Police	100
Medical Center- CRETA INTERCLINIC	2810 373800
Public Hospital Venizeleio	2813 408000
University General Hospital of Heraklion "PAGNI"	2813 402111

Local Conference Secretariat (Crete, Greece):

“Diazoma Conferences & Events” diazoma.net

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SOCIAL EVENTS

HERAKLION SIGHTSEEING AND MUSEUM 26th APRIL 2024

Excursion organized for the **26th of April**. We will meet at the Archaeological Museum of the city for a guided tour with an English-speaking guide.

We will continue with a walking tour of the city of Heraklion. Duration of excursion 09:30-13:30.



The Heraklion Archaeological Museum was founded in 1908 to house the first collections of Cretan antiquities, which were rapidly enhanced. Its cultural riches cover seven millennia, from the Neolithic period (7000 BC) to Roman times (3rd cent. AD). Following the restoration work of the past few years, completed in May 2014, the exhibition is housed in 27 rooms. The collections are now displayed according to modern museological practices and design, in chronological and thematic units accompanied by audiovisual material and introductory texts.

Price: 15.00 euros + 12.00 euros entrance fee.

(The excursion will be realized with a minimum number of 20 participants).

DIVING EXCURSION 26th APRIL 2024

The dive site will be Mononaftis, a typical rocky reef site with local biodiversity, located in Agia Pelagia Peninsula. The expected seawater temperature in late April is 18°C. Maximum depth of the dive will be 20 m, duration of dive: 60 min. An alternative dive site in South Crete is planned if adverse weather conditions are foreseen for the day.

We will accommodate a limited number of participants on a priority basis. Price for participation per person is 30€ (own equipment) or 60€ (with equipment rental) and includes transportation to the dive site.

Price to be paid on site.

GALA DINNER 24th APRIL 2024

The gala dinner is included in the conference registration fee. It will take place at the restaurant “NTORE” in the city center of Heraklion. It is a fine rooftop restaurant and bar, with an amazing view of the city center and the port of Heraklion.

GENERAL INFORMATION

THE VENUE

The 8th European Conference on Scientific Diving (ECSD) will take place in the **Cultural – Conference center of Heraklion** and specifically in the conference room called “Experimental Stage”.

The Cultural and Conference Center of Heraklion is a modern venue in Crete dedicated to performing arts and scientific meetings. After many years in the making, it made its official debut in 2019. It has been built near some important historical sites of the city of Heraklion, such as the remnants of the Venetian walls and the burial site of the Greek writer and Heraklion native Nikos Kazantzakis. It is also close to Heraklion city center and to many city hotels.



Venue address: Nikolaou Plastira 49, 712 01 Heraklion, Greece
Please visit cccc.gr for more.

CRETE

Crete is the most southern region of Greece and Europe, separating the Aegean Sea from the Libyan Sea, it marks a physical boundary between Europe and Africa. It is the largest Greek island and one of the largest in the Mediterranean basin, with a total surface of 8,336 km², 1,100 km of coastline and approximately 623,000 inhabitants.



The island of Crete boasts a long and turbulent history and a fascinating culture. Cultural influences from other civilizations of the West and the East, as well as the remains of the glorious Minoan civilization (c. 2700-1420 BC), are found across the island. This mix of civilizations has marked contemporary Cretan culture, which is still vibrant and distinctive as it has always been.

The Cretan land encompasses an amazing variety of landscapes and landforms. Crete is renowned for its breathtaking mountain ranges, fertile valleys, the plethora of caves, gorges and plateaus of exceptional beauty as well as for its long sandy beaches and clear blue seas. Historic and cultural attractions, Cretan traditions, traditional settlements, monuments, archaeological sites, social mores,

the local proceedings, the Cretan cuisine, the natural environment, the folkloric richness, remarkable ecosystems and unique landscapes are waiting to be discovered.

If you would like to discover more about Crete visit:

incrediblecrete.gr
cretanbeaches.com

HERAKLION

Heraklion is the capital of Crete, the largest urban centre in Crete and the economic centre of the island with approximately 200,000 people. The town of Heraklion is a vibrant small metropolis and combines urban scenery, archaeological and cultural heritage with natural beauty.

The first European civilization, the Minoan civilization, flourished on this land 5000 years ago and can still be experienced today by visiting the ancient palace of Knossos Archaeological Site and the Archeological Museum of Heraklion.



HOW TO COME TO HERAKLION



Arriving by plane

You can fly directly to Heraklion International **Airport “Nikos Kazantzakis” (HER)**. Heraklion International Airport “Nikos Kazantzakis” is the second busiest airport of Greece during summer period. Charter flights directly connect Heraklion with 43 countries and more than 100 airports around the world. In case there is not a direct flight from your city to Heraklion, the best option is to arrive in Heraklion through Athens. Around 12 flights per day arrive to Heraklion from Athens and the duration of the flight is just 40 minutes.

You are strongly advised to choose a flight to Heraklion International Airport. Alternatively, one can land to Chania International Airport and reach Heraklion by bus or car. Please keep in mind that Crete is a big island and **the driving distance between Heraklion and Chania is 142km (around 2,5 hours).**

Once you arrive at the Heraklion airport you can use public transport (buses) or a taxi for your transfer to your hotel or the conference venue. Also, you could rent a car. Bus station, taxi station and many rent- a -car companies are in the airport area.

For more information for local transportation in the city please visit: astiko-irakleiou.gr.



Arriving by ship

The city of Heraklion is connected to Piraeus port (close to Athens) daily. You could use this option but keep in mind that it is a longer trip (9 hours). You could arrive in Athens, use the public transport to reach Piraeus port and travel by ship directly to Heraklion port, which is close to the city center.

For more information and boat tickets booking please visit: minoan.gr and anek.gr.



PROGRAMME TABLE

MONDAY 22/04/2024

18.00 - 21.00 | Registrations & Welcome Reception

TUESDAY 23/04/2024

8.30 – 9.00	Registrations
9.00 – 9.30	Conference Opening with introductory word from IMBBC Director Dr. Constantinos Mylonas
9.30 – 10.15	Keynote Speech by Prof. Stelios Katsanevakis <i>“Ecological status and biodiversity shifts in Mediterranean shallow marine ecosystems: drivers and challenges”</i>
10.15 – 11.30	SESSION I: Monitoring & management of marine ecosystems under a changing climate Chair: Maria Salomidi
10.15 – 10.30	OP1: “Scientific diving as a tool to evaluate the effect of Marine Protected Areas in safeguarding kelp forests against herbivores” Reis Bianca*, Sánchez-Gallego Álvaro, Marques Alexandre, Arenas Francisco, Sousa-Pinto Isabel, Franco, João N
10.30 – 10.45	OP2: “The mega-benthic community of Amvrakikos Gulf in the context of climate change” Gavriel Eleni*, Spinou Efthimios, Ramfos Alexis
10.45 – 11.00	OP3: “Assessment of biodiversity, pressures and threats in marine caves in a protected area of the South-Eastern Aegean Sea, Greece” Gerovasileiou Vasilis*, Digenis Markos, Dailianis Thanos
11.00 – 11.15	OP4: “Ecological notes on macrozoobenthic Amphipoda populations, recruited on artificial anti-trawling barriers, in the North-West Sardinia, by the means of scuba diving” Trabucco Benedetta*, De Simone Michela, Di Cosmo Anna, Nonnis Ornella, Tomassetti Paolo, Massara Francesca
11.15 – 11.30	OP5: “Ecological evaluation of the rocky reef complex of Chrysi islet, (Eastern Mediterranean) reveals a degraded state of benthic communities and canopy algae” Skouradakis Grigorios*, Vernadou Emmanouela, Chatzigeorgiou Giorgos, Shealy Errikos, Koulouri Panagiota, Dailianis Thanos
11.30 – 12.00	Coffee Break
12.00 – 13.30	SESSION I (cont.): Monitoring & management of marine ecosystems under a changing climate Chair: Vasilis Gerovasileiou
12.00 – 12.15	OP6: “T-MEDNet: a collaborative network to track mass mortality events in the Mediterranean Sea” Ponti Massimo*, Garrabou Joaquim, Ben Souissi Jamila, Bensoussan Nathaniel, Carlot Jeremy, Cebrian Emma, Cerrano Carlo, Comeau Steeve, Galobart Cristina, Gattuso Jean-Pierre, Gerovasileiou Vasilis, Gómez-Gras Daniel, Katsanevakis Stelios, Ledoux Jean-Baptiste, Millán Agudo Lucia, Montefalcone Monica, Pulido Mantas Torcuato, Ramirez-Calero Sandra, Rilov Gil, Santamaria Jorge, Sini Maria, Tamburello Laura, Teixidó Nuria, Turicchia Eva
12.15 – 12.30	OP7: “SCUBA sampling and acoustic survey coupling in shallow sandy bottoms” Turicchia Eva*, Abbiati Marco, Mercuri Silvia, Bidini Camilla, Mercorella Alessandra, Del Bianco Fabrizio, Stanghellini Giuseppe, Ponti Massimo

12.30 – 12.45	OP8: “Developing a standardized approach to record and monitor biodiversity trends on cylindrical artificial structures” Vernadou Emmanouela*, Skouradakis Grigorios, Dailianis Thanos
12.45 – 13.00	OP9: “Scientific equipment below the Mediterranean Sea surface to monitor epiphytic assemblages of <i>Posidonia oceanica</i> leaves and pollutant concentrations” Mirleau Pascal*, Sarkis Noelle, Rigal Camille, Amadei Cedric, Amella Hugo, Meglecz Emese, Guillemain Dorian, Angeletti Bernard, Doumenq Pierre, Malleret Laure
13.00 – 13.15	OP10: “Monitoring Coastal Marine Seascapes in the edge of climate change” Poursanidis Dimitris*, Ragousis Michalis, Digenis Markos, Papadakis Orestis, Papadimitriou Evangelos, Karampi Maria, Sini Maria, Gerovasileiou Vassilis, Katsanevakis Stelios
13.15 – 13.30	OP11: “Lionfish (<i>Pterois miles</i>) in the Mediterranean Sea: available knowledge and updates on the invasion front” Bottacini Davide*, Pollux Bart, Nijland Reindert, Jansen Patrick, Naguib Marc, Kotschal Alexander
13.30 – 14.30	Lunch Break
14.30 – 16.00	SESSION II: Advancing Science in Aquatic Ecosystems Chair: Thanos Dailianis
14.30 – 14.45	OP12: “A window to the future: field research at unique CO2 vents along the coast of Ischia (Italy)” Teixido Nuria*, Alliouane Samir, Boada Jordi, Carbonne Chloe, Carlot Jeremy, Chiarore Antonia, Rosanna Guglielmo, Iacono Bruno, Lorenti Maurizio, Valerio Mazzella, Mirasole Alice, Núñez-Pons Laura, Somma Emanuele, Comeau Steeve
14.45 – 15.00	OP13: “Seagrass archives on the search of the environmental history of the Eastern Mediterranean coasts” Garcia Escudero Catalina Andrea*, Apostolaki E. T.
15.00 – 15.15	OP14: “Efficient Stereo-DOV approaches for investigating mesophotic reef assemblages: the case of a red coral (<i>Corallium rubrum</i>) demography study in the Aegean Sea” Issaris Yiannis*, Gerakaris Vasilis, Salomidi Maria
15.15 – 15.30	OP15: “Assessment of benthic communities in sea caves of Dugi Otok Island (Adriatic Sea, Croatia)” Digenis Markos*, Marchio Alfredo, Natsios Fotis, Efthimiou Maria, Dailianis Thanos, Petricioli Donat, Bakran-Petricioli Tatjana, Gerovasileiou Vasilis
15.30 – 15.45	OP16: “Looking for the best fitting plane: BORA as an innovative multi-habitat artificial reef structure for the restoration of Mediterranean coralligenous species” Roveta Camilla*, Calcinaì Barbara, Campanini Claudia, Coppari Martina, Di Camillo Cristina Gioia, Gregorin Chiara, Marrocco Teo, Pulido Mantas Torcuato, Cerrano Carlo
15.45 – 16.00	OP17: “Towards a better understanding of the ecophysiology and impact of quagga mussels in Lake Geneva” Stephan Jacquet*, Jean-Nicolas Beisel, Viet Tran-Khac, Jonathan Grimond, Leana Revirand, Erwin Reymondet, Jean-Philippe Jenny
16.00 – 16.30	Coffee Break
16.30 – 18.00	SESSION II (cont.): Advancing Science in Aquatic Ecosystems Chair: Louis Hadjiioannou
16.30 – 16.45	OP18: “Tracking changes in benthic community composition along the seabird colony impact gradient with a photo-quadrat surveys in the Arctic” Bałazy Piotr*, Włodarska-Kowalczyk Maria, Chetchowski Maciej, Opalińska Zuzanna, Zmudczyńska-Skarbek Katarzyna

<p>16.45 – 17.00</p>	<p><i>OP19: “It does not count who counts: the observer effect in visual surveys of sublittoral rocky reefs is negligible”</i> Azzola Annalisa*, Oprandi Alice, Mancini Ilaria, Robello Chiara, Morri Carla, Bianchi Carlo Nike, Montefalcone Monica</p>
<p>17.00 – 17.15</p>	<p><i>OP20: “Development of a quantitative diving survey protocol for assessing food web structure and shifts in shallow rocky reefs”</i> Kytinou Eleni*, Issaris Yiannis, Sini Maria, Salomidi Maria, Dailianis Thanos, Kokkinis Odysseas, Coll Marta, Katsanevakis Stelios</p>
<p>17.15 – 17.30</p>	<p><i>OP21: “Functional responses of the Chilean scallop, <i>Argopecten purpuratus</i> (Bivalvia: Pectinidae), to environmental variability along the Chilean coasts: past achievements”</i> Thouzeau Gerard*, Avendano Miguel, Cantillánnez Marcela, Stotz Wolfgang</p>
<p>17.30 – 17.45</p>	<p><i>OP22: “Using underwater Structure from Motion (SfM) as a blueprint for Marine Nature-Based solutions in Eastern Mediterranean (Cyprus)”</i> Moraitis Manos*, Georgiou Antroula, Neophytou Maria, Pedrotti Felix</p>
<p>17.45 – 18.00</p>	<p><i>OP23: “An incubation chamber for water column sampling: experimental trial with marine sponges in an IMTA system”</i> Aguilo-Arce Joseba*, Trani Roberta, Oddenino Muriel, Ferriol Pere, Longo Caterina</p>

WEDNESDAY 24/04/2024

9.00 – 9.45	Keynote Speech by Dr. Stella Demesticha <i>“Shipwreck Archaeology in the eastern Mediterranean: key challenges and perspectives”</i>
9.45 – 11.00	SESSION III: Maritime Archaeology Session Chair: Stephanie Blankshein
09.45 – 10.00	OP24: “Scientific diving in Greece in the framework of underwater archaeology. The case of Crete” Theodoulou Theotokis*, Tsimpoukis George, Tourtas Alexandros, Kourkoumelis Dimitris, Foley Brendan
10:00 – 10:15	OP25: “Navigating the Depths of Shallow Water Archaeology” Blankshein Stephanie*, Pedrotti Felix*, Sturt Fraser
10.15 – 10.30	OP26: “Scientific documentation of Underwater Cultural Heritage in Greece. The case of diveable 20th c. historic wrecks.” Tourtas Alex*, Papadimitriou Kimon, Karadimou Elpida, Theodoulou Theotokis
10.30 – 10.45	OP27: “The archaeology of diving and diving’s cultural significance in antiquity” Mylona Dimitra*
10.45 – 11.00	OP28: “Over a century of activities at the Antikythera shipwreck: Evolution of the applicable underwater research methods and latest scientific achievements” Sotiriou Alexandros*, Simosi Angeliki, Baumer Lorenz, Manousos Orestes, Ogloblin-Ramirez Isaac
11.00 – 11.30	Coffee Break
11.30 – 12.45	SESSION IV Scientific Diving Education/Training Session Chair: Gerard Thouzeau
11.30 – 11.45	OP29: “British Antarctic Survey Diving Operations” Gilkinson Shea*, Brian Mike
11.45 – 12.00	OP30: “Best practices and other educational materials to prevent scuba diving impact in the Mediterranean Sea” Di Camillo Cristina*, Turicchia Eva, Quadrini Giada, Roveta Camilla, Storari Annalisa, Scarpa Clarissa, Coppari Martina, Gregorin Chiara, Marrocco Teo, Pulido Mantas Torcuato, Torsani Fabrizio, Cerrano Carlo, Ponti Massimo
12:00 – 12.15	OP31: “ISO standards for scientific diving. Are those standards addressing Occupational Scientific Diving or Citizen Science Diving?” Norro Alain*, Feral Jean-Pierre
12.15 – 12.30	OP32: “Scientific diving hazards demand specific safety standards” Seferlis Miltiadis*, Karatzas Nikos, Evelpidou Niki
12.30 – 12.45	OP33: “An academic curriculum targeted at providing skills and knowledge to aspiring scientific divers” Iossifidis Thomas*, Evelpidou Niki, Karatzas Nikos
12.45 – 13.30	Round table discussion on emerging SD standards and diving education (coordinator: Martin Sayer)
13.30 – 14.30	Lunch Break
14.30 – 16.00	POSTER SESSION
16.00 – 19.00	Visit to the HCMR facilities and the Cretaquarium
19.00 – 20.30	Free time
20.30 – 23.00	Gala Dinner

THURSDAY 25/04/2024

9.30 – 10.15	Keynote Speech by Pierre-Yves Cousteau <i>“Cousteau Divers: Citizen Science for Recreational SCUBA Divers”</i>
10.15 – 11.00	SESSION V: Marine Geosciences Chair: Niki Evelpidou
10.15 – 10.30	OP34: “Where geomorphology and natural hazards meet scientific diving: the case of the submarine landslide at Gialtra, North Euboean Gulf, Greece” Harris Scott, Saitis Giannis, Evelpidou Niki*, Karkani Anna, Karatzas Nikos, Papanis Prokopis
10.30 – 10.45	OP35: “Exploring Coastal Evolution: Integrating Scientific Diving, Geomorphological research, and Sea Level Changes” Karkani Anna*, Evelpidou Niki
10.45 – 11.00	OP36: “Importance of scientific diving in 30 years of research in marine lake Zmajevsko Jezero, Adriatic Sea” Petricioli Donat*, Bakran-Petricioli Tatjana
11.00 – 11.30	Coffee Break
11.30 – 12.30	SESSION VI: Integrating new technologies in underwater research Chair: Massimo Ponti
11.30 – 11.45	OP 37: “I want to break free... of mucilage! SUEX Discovery vacuum pump as an innovative tool for the mucilage removal from benthic coralligenous organisms” Pulido Mantas Torcuato*, Berardone Simone, Borelli Bruno, Cappa Gian Andrea, Cappanera Valentina, Coppari Martina, Marrocco Teo, Roveta Camilla, Segatto Marco, Di Camillo Cristina Gioia, Cerrano Carlo
11.45 – 12.00	OP38: “ResuS: Handling of lacustrine sediments in barrages – a case study from the RWA Freiberg” Adamek Judy, Stanulla Richard*, Hartmann Clemens, Scheytt Traugott
12.00 – 12.15	OP39: “Using digital twins to advance our understanding and management of popular dive sites” Cai Leda*, Pedrotti Felix, Hadjioannou Louis
12.15 – 12.30	OP40: “SCUBA diving as an essential tool for monitoring global ocean temperatures” Sayer Martin*, Marlowe C, Azzopardi E, Sayer-Mitchell JD
12.30 – 13.30	Round Table/Workshop: Diving into Synergy: “Unifying Biological, Geological, and Archaeological Perspectives in Underwater Research” (coordinator: Yiannis Issaris)
13.30 – 14.30	Lunch Break
14.30 – 15.15	Keynote Speech by Dr. Lorenzo Bramanti <i>“Under The Pole DEEPLIFE Expeditions: Mesophotic Marine Animal Forests”</i>
15.15 – 16.30	Documentary Screening - Under the Pole Expeditions - short discussion
16.30 – 17.00	Closing of the ECSD8 - Concluding remarks - Awards of the best posters and talks - Announcement of the next ECSD
17.00 – 19.00	Participants to the dive to be transported to the diving facilities to prepare equipment

FRIDAY 26/04/2024

8.30 – 13.30	Diving excursion (for those registered)
9.30 – 13.30	Visit to the Archeological Museum of Heraklion (for non-divers)



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POSTER SESSION - WEDNESDAY 24/04/2024

P1	<i>“The GFCM research programme on red coral”</i> Aurette Didier*, Kreckelbergh Eugenie, GFCM Red Coral Expert Group
P2	<i>“Evaluating Aquaculture's Impact on Maërl Bed Biodiversity”</i> Chatzigeorgiou Giorgos*, Rallis Ioannis, Gratsia Eirini, Maidanou Maria, Naletaki Maria, Tsapakis Emmanouil
P3	<i>“Exploring Blue Carbon Potential in the Southern European Kelp Forest Fringe”</i> Franco Joao N*, Meyr H., Babe, O., Martins M., Reis B., Sanchez Gallego A., Azevedo J., Van Der Linden P., Arenas F.
P4	<i>“Baseline assessment of seagrass meadows in Chrysi Island”</i> Gerakaris Vasilis*, Morfis G., Efthymiadis P. T., Monnier B., Kaberi H., Koulouri P., Apostolaki E. T.
P5	<i>“Preserving Posidonia Ecosystems in Greece: Assessing Anchoring Impact and Habitat Loss through Scientific Diving”</i> Gerakaris Vasilis*, Salomidi Maria, Issaris Yiannis
P6	<i>“Survey and monitoring of benthic biocenosis of submerged and semi-submerged caves of the Apulian coast in the province of Bari”</i> Gimenez Guadalupe*, Oddenino Muriel, Schiavo Antonella, Pierri Cataldo, Trani Roberta, Longo Caterina
P7	<i>“Scientific diving in France: an overview of the current practices in science”</i> Hocdé Régis, Thouzeau Gérard*, Amice Erwan, Borel Laurent, Coulange Mathieu, Féral Jean-Pierre, Feunteun Eric, Jacquet Stéphan, Le Bras Philippe, Legrand Sébastien, Lenfant Philippe, Lepage Mario, Saragoni Gilles, Schull Quentin, Le Gall Line
P8	<i>“The Roman fish tanks as the objective of an underwater multidisciplinary research”</i> Iossifidis Thomas*, Evelpidou Niki
P9	<i>“Development of geopolymer materials for underwater applications”</i> Korniejenko Kinga*, Qureshi Muhammad Fahad Khalid, Grab Thomas, Kozub Barbara
P10	<i>“Monitoring of the endangered Mediterranean Pinna nobilis (L., 1758) Populations in Protected Areas of the northern Aegean Sea through Distance Sampling”</i> Koutsoubas Drosos*, Tsatiris Alexandros, Papadimitriou Evangelos, Katsanevakis Stelios
P11	<i>“Exploring structural and functional components of resilient canopy-forming macroalgae communities in the Greek Seas (NE Mediterranean)”</i> Lardi Polytimi-Ioli*, Salomidi Maria, Kytinou Eleni, Issaris Yiannis
P12	<i>“Shallow boulder fields harbour rich sciaphilic benthic assemblages: a case study in Elounda Bay, Crete (Eastern Mediterranean)”</i> Malefaki Christina*, Skouradakis Grigorios, Vernadou Emmanouela, Rallis I., Karakassis I, Dailianis Thanos
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