



1st National Scientific Diving Meeting of MARE

Venue

The meeting will take place at the **Pestana Carlton Hotel**, (Largo António Nobre, nº1; <https://www.pestanacarltonmadeira.com/pt/>), located in Funchal, a 15-minute walk from the city centre. The practical demonstration on the last two days of the workshop will be held at the **Madeira Divepoint Diving Centre** (<https://madeiradivepoint.com/>) which is located in the pool area of the same hotel.

Programme

Presentations and Roundtables

1. Day - 19th of June

- 9:00 – 9:30 Registration
- 9:30 – 10:00 Opening Session
- 10:00 – 10:45 Climarest Session: Nuno Sá - “O poder da imagem subaquática na promoção da conservação dos Oceanos”
- 10:45 – 11:00 Open Discussion – Q&A
- 11:00 – 11:30 **Coffee Break with “Virtual Dive in Madalia”**
- 11:30 – 11:50 Sonia KM Gueroun - “Blackwater diving. *In the deep, in the dark, in the spotlight*”
- 11:50 – 12:10 Sofia Henriques - “Underwater sampling techniques to model food-webs of rocky reefs”
- 12:10 – 12:30 Marko Radeta - “Usage of Internet of Things in SCUBA Diving”
- 12:30 – 13:00 Open Discussion – Q&A
- 13:00 – 14:30 **Lunch Break “Virtual Dive in Madalia”**
- 14:30 – 15:00 Frederico Almada - “Kids Dive: bringing new generations into ocean discovery and conservation”
- 15:00 – 15:15 Open Discussion – Q&A
- 15:15 – 15:45 **Coffee Break with “Virtual Dive in Madalia”**
- 15:45 – 16:05 Climarest Session: Susanne Schäfer - “Restoration of macroalgae dominated habitats at Madeira Island”
- 16:05 – 16:25 Climarest Session: Matej Buzinkai - “Dive Reporter: a mobile app to facilitate data collection and monitoring by recreational divers”
- 16:25 – 16:45 Sahar Chebaane - “Unveiling the hidden effects: Exploring the impact of non-indigenous species on native species”
- 16:45 – 17:15 Open Discussion – Q&A

2. Day - 20th of June

- 9:00 – 10:00 Augusto Salgado - “Underwater Archaeology Search and Record Techniques”
- 10:00 – 10:30 David Jacinto - “O mergulho científico como ferramenta em estudos de monitorização ambiental: 20 anos de observações em fundos rochosos do Porto de Sines”
- 10:30 – 11:00 Open Discussion – Q&A
- 11:00 – 11:30 **Coffee Break**
- 11:30 – 11:50 José Bettencourt - “Arqueologia e a documentação do património cultural subaquático: exemplos em contextos insulares”
- 11:50 – 12:10 Alexandre Brazão - “A aplicação da ciência arqueológica. Resultados e metodologias em projetos de valorização do Património Cultural Subaquático do Arquipélago da Madeira”
- 12:10 – 12:30 João Monteiro - “Coastal habitat mapping and biotope characterization: an integrated approach”
- 12:30 – 13:00 Open Discussion – Q&A
- 13:00 – 14:30 **Lunch Break**
- 14:30 – 15:00 Miguel Pessanha Pais - “Training Scientific Diving Techniques at MARE: Increasing the skills, safety and self-consciousness of students and researchers”
- 15:00 – 15:15 Open Discussion – Q&A
- 15:15 – 15:45 **Coffee Break**
- 15:45 – 16:15 MIMAR+ Session: Diogo Paulo – “Habitat restoration and monitoring: seagrass, kelps and corals. Technical challenges and results”
- 16:15 – 16:35 Rodrigo Silva - “Scientific Diving at MARE-Madeira: Methodologies and Techniques”
- 16:35 – 17:05 Open Discussion – Q&A

3. Day – 21st of June

- 9:00 – 9:15 Opening Remarks
- 9:15 – 9:45 Mafalda Freitas – “O mergulho na Madeira”
- 9:45 – 10:15 Pedro Neves - “A APorMC e o mergulho científico em Portugal”
- 10:45 – 10:45 João José - FPAS - TBD
- 10:45 – 11:00 Summary for Roundtables
- 11:00 – 11:30 **Coffee Break**
- 11:30 – 12:15 Roundtable 1
Scientific Diving in Portugal
- 12:15 – 13:00 Roundtable 2
The Future of Scientific Diving
- 13:00 – 14:30 **Lunch Break**
- 14:30 – 15:00 Climarest Session: João Franco - “Florestas Marinhas em Portugal - ameaças e metodologias para a sua conservação e restauração em ambiente subaquático”
- 15:00 – 15:15 Roundtable 3
Restoration Methodologies and Techniques
- 15:15 – 15:45 **Coffee Break**
- 15:45 – 16:15 Roundtable 4
Monitoring Methodologies and Techniques
- 16:15 – 16:45 2^o NSDM of MARE
- 16:45 – 17:00 Closing Session

Demonstrations

4. Day – 22nd of June

- 9:00 – 10:00 Climarest Session: Augusto Salgado - “Underwater Archaeology Search, Record, and Mapping Techniques”
- 10:00 – 13:00 1st Demonstration Session (10pax)
- 13:00 – 14:00 **Lunch Break**
- 14:00 – 17:00 2nd Demonstration Session (10pax)

5. Day – 23rd of June

- 9:00 – 10:00 Emanuel Almada - “Horizon rebreathers as a tool for scientific divers”
- 10:00 – 13:00 1st Demonstration Session (10pax)
- 13:00 – 14:00 **Lunch Break**
- 14:00 – 17:00 2nd Demonstration Session (10pax)