



DiBio
DIPARTIMENTO DI BIOLOGIA

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Facility “Stazione Idrobiologica Umberto D’Ancona” – Scuba diving activity

Location: Stazione Idrobiologica “Umberto D’Ancona”, Isola San Domenico – Chioggia

Working hours: from Monday to Friday, from 8:00 to 17:30

Scientific manager: Prof.ssa Laura Airoidi

Technical manager: Dott.ssa Vittoria Correale

Contacts:

- **Service e-mail:** stazione.idrobiologica@unipd.it
- **Telephone:** 041 400051
- **Direct contact at the office:** Ufficio Tecnici, 1° piano Stazione Idrobiologica, Isola di San Domenico, Chioggia

Guidelines

A valid scientific diving certification, at least at the ESD level according to the European Scientific Diving Panel standards, is required to conduct underwater research.

Each diving team must consist of at least 2 scientific divers. One of these divers must hold a scientific diving certification at least at the AESD level, according to the European Scientific Diving Panel standards, and will act as the Mission Leader.

Every diver must hold an official authorization to dive, issued by their RDRS (Responsabile Attività Subacquea di Didattica e di Ricerca), i.e. the professor promoting the diver’s underwater sampling activity. The diver must also hold a valid medical certificate confirming his/her fitness to dive, issued by an Occupational Health Physician.

It is mandatory to inform the local authorities on any underwater sampling activity, following the guidelines outlined in the 5th of March 2024 Decree on Scientific Diving.

To book any scientific diving activities with us, it’s necessary to send an e-mail at the address stazione.idrobiologica@unipd.it specifying:

- The date you intend to book the activity;
- The number of divers involved, along with their personal details, emergency contacts, and diving and scientific diving certifications;
- If the team does not include a diver with a scientific diving certification at least AESD level, please specify on the e-mail that you will require a Mission Leader;
- The sampling location, including GPS coordinates;
- The purpose of the sampling, techniques you intend to use, and any particular equipment required;

- The expected depth and diving time;
- Any diving gear required for rental from the facility: number and size of tanks, regulators compliant with scientific diving regulations, and any other gear required by the Decree for Scientific Diving;
- The funds source you will use to cover the costs;
- Attach the following documents for all divers involved: scuba diving certifications and scientific diving certifications, medical certificates attesting the fitness to dive (issued by an Occupational Health Physician), and the Authorization to Dive Form, signed by the RDRS (professor responsible for promoting the underwater research activity).

For all the details, please see the Operative Instruction for Underwater Activities of the Biology Department, University of Padova, available at [this link](#)

Diving gear available at the facility

Electric compressor for tank refilling AeroSub Professional 6000, 90 l/min with single charging hose

Electric compressor for tank refilling Coltri Ergo Efficient 235 ET, 235 l/min with double charging hose

2 steel 15 liters tanks with double taps

6 steel 10 liters tanks with double taps

2 medical oxygen tanks, 5 liters each, intended for diving emergency treatment. Each tank is equipped with an on-demand delivery system, flowmeter, continuous flow delivery system and a non-rebreather mask

5 pairs of full dual stage regulators, DIN connection, 1.5 mt hose and pressure gauge included

1 semi-dry suit, 7 mm, size S

1 wetsuit, 5 mm, size S, with 5 mm shorty included

4 full wetsuits, 2 mm, various sizes

2 Suunto Zoop Novo diving computers

10 pairs of diving gloves, 3 mm

7 pairs of scuba diving boots

1 pair of freediving neoprene socks

5 pairs of scuba diving fins with straps, various sizes

4 masks

8 snorkels

12 diving belts, various sizes

50 kg weights, split into various sizes

2 underwater torches

- 1 automatic inflation life jacket, for the surface assistant
- 2 diving buoys, with 8 meters floating rope attached
- 4 underwater shakers
- 4 diving reels with 40 meters line
- 4 underwater knives, with various fastening systems
- 4 underwater compasses
- 3 surface whistles
- 4 underwater clipboards with pencil