

5° Scientific Diving Summer School

29 September - 4 October 2021

Panarea (Aeolian Islands, Italy)

Organized by: University Sapienza (Rome), OGS (Trieste), CO2GeoNet and Diving Center AMPHIBIA

In collaboration with: Zoological Station Anton Dohrn (Naples) and INGV (Palermo)

Where: ECCSEL NatLab-Italy (Panarea, Aeolian Island)

Endorsement and co-funding: AIOSS and Blue Marine Foundation



- Teaching program:

Topics will cover the geological characteristics of this unique active volcanic area, its biological components adapted, in the local vents systems, to natural ocean acidification, hydrothermal fluids characterization, multi-parameter monitoring techniques and definition of experimental protocols for the sampling and study of the planktonic and benthonic ecosystems, with special focus on assessing effects of climate change and ocean acidification on organisms, communities and habitat. Special attention will be addressed to *Posidonia oceanica* meadows in some of the vent's systems.



During the diving activities, students will practice bottom and habitat mapping, gas and water sampling, visual census techniques on benthos, *Posidonia oceanica* meadow's characterization, and *in situ* measurements with reference to the theoretical lessons.

Lessons and practical laboratories, as well as dive briefings, will be provided in English.

A participation certificate will be issued and the scientific dives will be considered for the release of a European Scientific Diver license and an Advance European Scientific Diver license.



- Eligible participants:

The school is open to students, graduates, specialists, PhD and post-doctoral students in scientific disciplines and professionals engaged in study and management of the land/sea. A dive license (of any kind), at least 20 certified dives (also recreational), a medical certificate and a DAN-type diving insurance, are necessary to apply.

- COVID-19 restrictions:

All the activities will be held in accordance with the COVID-19 pandemic containment measures and requirements valid on the Italian territory; a COVID-19 vaccination certificate or a negative test certificate (molecular or antigenic swab) taken within 48 hours beforehand, will be required.

How to Apply

Request and send the application form, plus a CV, with specific reference to your diving experience, at:

scuolasubpanarea@gmail.com

Application deadline: 31 August 2021



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