

# 4° Scientific Diving Summer School

25-30 September 2019

## Panarea (Aeolian Islands, Italy)

Organized by: Sapienza University (Rome), OGS (Trieste), CO<sub>2</sub>GeoNet and Diving Center AMPHIBIA

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

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

With the endorsement of: AIOSS



### - Teaching program:

Topics will cover the geological characteristics of this unique active volcanic area, the associated living communities, hydrothermal fluids characterization, multi-parameter monitoring techniques and definition of experimental protocols for the sampling and study of the benthic ecosystem, with special focus on assessing effects of climate change and ocean acidification on organisms, communities and habitat. During the diving activities, students will practice bottom and habitat mapping, gas and water sampling, visual census techniques on benthos, and in situ measurements with reference to the theoretical lessons.

The course consists of 20 hours of multidisciplinary frontal and practical lessons, and 5 scientific dives. Cost for the activities: 350 €; accommodation costs in a contracted facility: 60 € (double room/day); dinner in a contracted restaurant: 18 €.

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

### - Eligible participants:

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

- 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.



Details about subscription process, program and costs will be provided soon

**Contact:**

[scuolasubpanarea@gmail.com](mailto:scuolasubpanarea@gmail.com)

**Application deadline: 31<sup>st</sup> May**

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