

3° Scientific Diving Summer School

19-27 September 2018

Panarea (Aeolian Islands, Italy)

- 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.

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.

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-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.

- 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.



A detailed program of the school and information about subscription process and fee will be provided soon.



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

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

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

Patronized by: **AIOSS**



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