

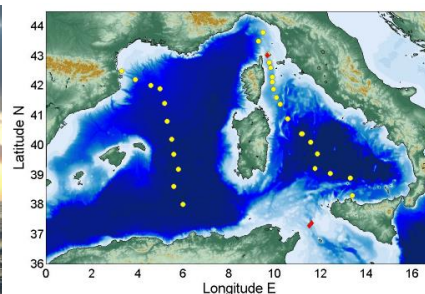
Participate in a research cruise

Open call for students to participate in physical oceanography fieldwork



For our cruise **TAIPro2022** (funded by the Eurofleets+ project and the Mediterranean Science Commission - CIESM) we issue a call to accommodate 2-3 Master's level or PhD students in the field of marine sciences from Algeria, Tunisia, Egypt or Malta.

The cruise will take place in summer 2022 (most likely in July), in the Western Mediterranean (see map), on board the new Belgian Research Vessel Belgica II (<https://www.eurofleets.eu/vessel/rv-belgica-ii/>).




The travel expenses of the successful candidates will be covered by CIESM. The food and accommodation on board is covered by the Eurofleets+ project.

The Mediterranean ocean observing community is committed to making regular surveys of the Mediterranean, and has developed the Mediterranean component of the global GO-SHIP programme (<https://www.go-ship.org/>): on a number of hydrographic sections comprehensive physical and biogeochemical variables following the GO-SHIP guidelines should be measured to the highest international standards on a regular basis. The TAIPro2022 cruise consists of 2 north-south sections in the eastern western Mediterranean and is a repetition of a similar cruise carried out in 2016 (TAIPro2016).

The parameters that will be measured are: Dissolved inorganic carbon (DIC), Total Alkalinity (TA), pH, CTD pressure, temperature, salinity, CTD oxygen, Bottle salinity, Nutrients, Dissolved Oxygen, CFC-12 and SF6, Surface Underway system (T, S, pCO₂), ADCP shipboard, ADCP lowered, Underway navigation and bathymetry, Meteorological data, C-14, Dissolved Organic Carbon, Radionuclides (I-129, U-236), Mooring data, Zooplankton/particles.

The students will have the opportunity to participate to the acquisition of CTD data, postprocessing of CTD data, acquisition of ADCP data and their postprocessing, in sample collection from the rosette, sample treatment and conservation and in general to expand their knowledge in marine science.



To apply, you should fulfill the following conditions:

- Be a Master or PhD student in any field related to marine science from Algeria, Tunisia, Egypt or Malta.
- Have a principal/supervisor/department head who is supportive of your endeavor.
- Be comfortable with travel and have no aversion to traveling by airplane or ship.
- Have flexibility, fortitude, and the ability to follow orders ("The Three Fs", as defined by NOAA, https://teacheratsea.noaa.gov/#/about/life_at_sea): Participants should keep in mind the necessity for flexibility regarding ship departures and arrivals, ship working shifts, and the level of work intensity on some ships. As the unforeseen sometimes occurs, ship departure and arrival dates are never guaranteed. In fact, sailing can never be guaranteed. We highly recommend that you clear your calendar the week before and after a cruise to avoid any problems with your own schedule in case of a sailing delay. Life on a research vessel can have many challenges. The days are long, and the work is often dirty. Work shifts on some ships may be 6 hours on/6 hours off or 12 hours on/12 hours off and recognize this may be a night shift. Every person working on a government vessel is under the ultimate command of the ship's Commanding Officer (CO). In order to maintain safety and structure, those who are on board must be willing to follow the orders of the CO.

To apply for the call, you are invited to send a CV and a motivation letter to

katrin.schroeder@ismar.cnr.it

indicating this Subject in the email: [TAIPro2022-call] - Surname

Deadline: 15 June 2021