

**LA CAML 58**

**Biology and Ecology of pelagic communities from Bransfield Strait and Elephant Island surrounding areas (COPEPOD)**

Dr. Gladys Cardenas Quintana  
Instituto del Mar del Perú (IMARPE), Peru

The research will focus on the analysis of the nictemeral behaviour and distribution of the main pelagic species from the Sub-Antarctic and Antarctic regions (CCAMLR 48.1) according to the primary production, top predators abundance, and environmental parameters. The study proposes analysing inter and intra specific relationships of the pelagic communities and the interactions with the environmental parameters. To reach this goal it has been defined four key areas: biology and ecology; behaviour; oceanography; and top predators. For the analysis, it will be considered data interchange with national and international scientific community.

The following institutions are supporting in this project: Instituto del Mar del Perú, Universidad Nacional Mayor de San Marcos, British Antarctic Survey (UK), Washington University, USA, and IRD-Francia (France).