The department of Lambayeque is located about 700 km north of Lima, where important archaeological remains lie like mud pyramids. It is the land of sovereigns who ruled the north of Peru centuries ago, like the Lord of Sipán.

The Pedro Ruiz Gallo National University, located in this Department currently has 14 Faculties, 30 Professional Schools, approximately 15,000 students and a Postgraduate School. The current Rector is Dr. Jorge Oliva Núñez, principal professor of the aforementioned academic department. In the Faculty of Biological Sciences develops the professional career of Fisheries Biology, whose teachers have been executing the research project "Impacts of ocean acidification on the carbonate system and calcification of the violet crab *Platyxanthus orbignyi* in the area of coastal upwelling front to Pimentel, Lambayeque, 2019 -2020 " (Fig. 1).

Figure 1. Map showing the acidification profile in front Pimentel, Lambayeque.