

Project Update: March 2022

Laboratory - sample preparation

In this phase of the research, protocol models for separating microplastics in mangrove areas are being put into practice. This will allow me to assess the presence of microplastics in water, sediment, and crab samples from the mangrove ecosystem of the Ajuruteua Peninsula, Bragança, Pará – Brazil.



Figure 1. Water samples from the Ajuruteua Peninsula, Bragança, Pará – Brazil. © Dayene S Mendes



Figure 2. Use of Ultrapure Water for all phases of the research. © Dayene S Mendes.



Figure 3. Assembly of material for the vacuum filtration process inside the laminar flow hood. © Dayene S Mendes.



Figure 4. Filtering water samples. © Dayene S Mendes.



Figure 5. Analysing, under a stereoscopic microscope, the presence of plastic particles in water samples. © Dayene S Mendes.