

Lab Journal: analysis of an Atlantic clay sediment sample near the Canary Islands

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First, we shall discuss the points we are to research before starting our research plan. In literature, we shall attempt to find:

- the precipitation rate for this portion of the Atlantic, to determine the time resolution in our sample;
- Concentration of microplastics, as an indication of the increase;
- Perturbation of the ocean floor through

natural or human mechanisms;

- Protocols for extraction of the plastics from the clay;
- Amounts of detritus, and whether this would contaminate the measurement

From this, we shall construct a protocol for our measurements and from there, we shall find the tools we may need to acquire.