



CHARACTERIZATION OF INVASIVE SPECIES POSITION IN THE FOOD WEB

IDEA / PROPOSAL:

We are looking for motivated students to join the Benthic Ecology and Environmental Solutions research team at CIIMAR and contribute to the X-IAS Project. The X-IAS Project aims to assess the ecological impacts of systems affected by multiple biological invasions by isolating and evaluating the effects of key high-impact estuarine invaders. Field sampling campaigns will take place in the Minho Estuary.

Research Topic:

Characterization of invasive species position in the food web: this study aims to determine the trophic position of selected invasive species using stable isotope analysis. A year-long monitoring program will be carried out, including two seasonal sampling campaigns: - one at the end of winter (to represent high river discharge conditions), and - one at the end of summer (to represent low discharge conditions). The student will be involved in field sampling, sample preparation, and data analysis to characterize the food-web structure and species interactions.

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