



PhD Students Coffee Time

JUEVES 19/12/2019

Sala de Reuniones SEMISOTANO

15:00

Olga Novillo Sanjuan

Zoología Marina

She says:

Pollutants and marine megafauna: microplastics, pesticides and other horror stories.

Microplastics are an emergent pollutant that have colonised every environmental compartment, disrupting nurturing processes and being potentially dangerous at the cellular level. Their abundance in different organisms depends largely on their trophic ecology, their proximity to the coasts and the type of industries in these coasts. Nowadays, it looks like microplastics have monopolized the marine pollution discourse, but not only them pose a threat to marine fauna. Other pollutants, such as heavy metals and pesticides also play a role in marine ecosystem's health. We explore the presence of a range of contaminants in several wild and non-commercial species (loggerhead turtles, striped dolphins, mictophids and some rays) with the aim of picturing contaminant distribution in the Mediterranean Sea and highlight the need of integrating different disciplines to know how to properly address mitigation measures.