



University of Cyprus
Department of Biological
Sciences

Postgraduate Seminars

Seminar Series 2018 - 2019

Dr. Paraskevi K. Karachle

**Institute of Marine Biological Resources and Inland Waters
Hellenic Centre for Marine Research**

“Feeding ecology of marine organisms”

**Wednesday, 20 February 2019, at 17:00
Building CTF 01, Room 110, Panepistimioupoli Campus**

This seminar is open to the public

Feeding ecology and ecomorphology of fishes is gaining more and more attention from the scientific community worldwide, as it is incorporated in recent modelling, management and conservation planning of aquatic ecosystems. In this lecture, an end-to-end approach on the feeding habits and ecomorphology of marine fishes will be given. The various feeding strategies of fishes are presented in detail. The feeding habits of fishes, grouped in various functional trophic groups, are linked to morphological characteristics related to feeding. Those characteristics are mouth area, gut length and tail area. Moreover, the trophic level theory will be analysed. Methodology and state-of-the-art ecological applications will be presented and discussed.