



**São Paulo School of Advanced Science on Scenarios and Modelling on Biodiversity and Ecosystem Services to Support Human Well-Being**

## **Aurora Marrón-Becerra**

Posgrado en Ciencias del Mar y Limnología, Universidad Nacional Autónoma de México  
auro13@hotmail.com

I am a biologist (UNAM), M.Sc. in Marine Sciences and Limnology (UNAM) and first-grade Ph.D. student in Marine Sciences and Limnology at the Universidad Nacional Autónoma de México (UNAM). My main interests include the freshwater and marine environment conservation. I have experience in the identification of marine and freshwater macroinvertebrates, especially crustaceans, also I have been involved in the elaboration of Environmental Impact Assessments in marine ecosystems in Mexico. I started working with sinkholes fauna then, I have been describing several species in a freshwater species complex of amphipods of *Hyaletta* genus, the diversity in this genus is unknown and underestimated, a real concern because inhabits environments highly threatened. My goal in the Ph.D. is to describe and understand the evolutionary history of these freshwater crustaceans, and use them, to know the conservation state of the freshwater ecosystems, explain the connectivity, fragmentation, or isolation of these environments and identify threats and its vulnerability state, assuming limited distribution due to their direct life cycle and K reproductive strategy. I am interested in topics that involve evolutionary biogeography, systematics, and ecology in aquatic invertebrates, in particular, the peracarids crustaceans.