

Research Specialties

Invertebrate reproduction and larviculture

Degree Area

Marine Science, Ph.D

Keywords

reproduction and nutrition of marine mollusk, shellfish biology, aquaculture,

Research Habitat

Estuaries

Oceans

Education

Ph.D., D.Sc., University of Bretagne Occidentale, France and University de Marseille, France

Biography

Dr. Aldana's research spans over 30 years in mollusk biology, aquaculture and effect of climate change. After doctoral studies at the Bretagne Occidentale, France, Dr Aldana has been working at Marine resources department of Cinvestav IPN (Mérida) as a research scientist. She is pioneered the study of reproduction and larvae aquaculture of conch mollusks in the Caribbean. Her primary research focus has been on problems of effect of environment on reproductive patten of mollusk and in the early-life cycle of mollusk . Most recently, she has been working in collaboration with University of French West Indies to determine the potential impacts of Apicomplexa spp. on reproduction of conch and skeletogenesis of larvae as a results of global change and abundance of microplastics in marine organisms in the caribbean. She is Ecology National award.