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## The study of stratification and stability of qeshm island west coast water and mangrove forest and effect on the ecology of ornamental fish

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The Persian Gulf is one of the most important bodies of water which has a very difficult and overwhelming dominant ecosystem due to severe environmental conditions such as temperature and salinity. Qeshm island has a fundamental role in the diversity of biological behavior as well as available dispersion. The equation of condition of the sea, the key gnomon of Air and Water and Quantity are the observation in International charts and the coefficient of an equation of sea is the important parameter that limits the circulation of the ocean. At the beginning of hot days, the weather change in the column of water, the Thermocline layer has appeared. The existence of Thermocline layer in Summer in effect of hot water capacity and penetration hot water in Winter into the lower layers. Ocean areas are by nature have a Double-diffusion convection, because of the existing salinity and temperature differences in various depths. As part of the ocean has a temperature inversion (temperature increasing with depth). In the Island, there are two procedures of dual diffusion-convection; including finger and the diffusive regime, which have a conventional role in creating temperature inversion. Effects of bottom topography and coastline drastic changes influence the double-diffusive convection. At the beginning of hot days, due to the temperature change in a column of water, the Thermocline layer appears. The existence of Thermocline layer in summer is the result of hot water capacity and lack of penetration of hot water in winter into the lower layers.

### Biography

Maryam Khoshkhou is graduated from Shiraz University in BA of Nuclear Physics and received MA from Tehran University of Science and Research in the Physical Oceanography. She has worked as a teacher in the Education for 20 years and also 5 years in university. She has rendered 32 Articles in domestic conferences and one Article in domestic and overseas conferences. At present, she is working for one of the Education centers.

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