

## **Attached fauna population on artificial reef in north west of the Persian Gulf costal water**

Eskandari, Gholam Reza; Esmaili, Foziyeh; Dehghan Madiseh, Simin; Sabzalizadeh, Sara

*South Aquaculture Research Center, Ahvaz*

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### **Abstract**

This study was carried out during two years study from oct. 2005. to sep. 2007 in Bahrekan coastal waters in Northwest of the Persian Gulf. Sampling was done Seasonally from 5 stations (4 stations in artificial reef site and one station in muddy soft bottom area as a control site). Generally 14 and 74 groups of attached fauna were observed in the first and second year of study respectively, and the most dominant groups were barnacles, anthozoa, spongs, bryozoans, echinodermata, isopoda, polychaets and gastropods. 42 species of decapods crustacean and coelenterate only in reef site and 12 species of mollusk only in control site were observed. 18 species were common between two sites. Biomass variations were observed in different seasons and the highest biomass were found in winter due to barnacle abundance.

*Keywords: Artificial reefs, Bahrekan, Attached animals, Identification, Biomass.*

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