

**SEASONAL VARIATION OF HYDROBIOCHEMICAL PARAMETERS IN A  
COASTAL AREA OF AN ICHTHYOCULTURE**

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**ABSTRACT**

As the cultivation of marine organisms is completed in the natural water environment, there is not possible method to control the influent and perhaps purify it before entering the environment. This study examines the environmental impact of a given ichthyoculture to the hydrobiochemical parameters (temperature, salinity, dissolved oxygen, nutrients, suspended particulate matter, phytoplankton biomass and zooplankton community structure) at the coastal are of Galatas bay, near to Poros island (Greece). Not important spatial differences and clear pattern of quantitative differentiation seems to exist between studied stations whereas the most of the parameters show important seasonal fluctuations.