

**DETERMINATION OF DISSOLVED / DISPERSED PETROLEUM
HYDROCARBONS IN THE COASTAL ZONE OF MYTILENE**

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ABSTRACT

The concentrations of Dissolved / Dispersed Petroleum Hydrocarbons (DDPH) were determined in the coastal zone of Mytilene. The samples were taken on seasonal basis from spring 1996 to fall 1998 and analyzed by UV/ fluorescence technique.

The concentrations of DDPH in this region were lower from the corresponding values in Greece and Eastern Mediterranean. One-way analysis of variance (ANOVA) showed that were not statistically significant differences both among the stations and seasons.