

**RELATIONSHIP BETWEEN TROPHOSPHERIC OZONE AND
METEOROLOGICAL PARAMETERS AT TALIARTE (GRAN CANARIA).**

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As it has been pointed out in precedent studies, ozone diurnal variations at Taliarte (Canary Islands) are dominated by two different situations: trade winds and marine breeze. Besides, a well-determined relationship between the presence of trade winds and low values of ozone registered at Taliarte, has been found. Multivariate ARIMA model and Cross Correlation Functions (CCF) have been determined to identify the influence of some meteorological parameters in the measured amount of ozone during several situations without the presence of trade winds.