Geophysical Research Abstracts Vol. 14, EGU2012-4680, 2012 EGU General Assembly 2012 © Author(s) 2012



## Long term properties of monthly atmospheric pressure fields

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We assess the statistical properties of atmospheric pressure time series retrieved from a large database of monthly records. We analyze the short and long term properties of the time series including possible trends, persistence and antipersistence. We also analyze times series of climatic indices which are based on the atmospheric pressure fields, such as the North Atlantic oscillation index and the El Niño-Southern Oscillation index.

Acknowledgment: This research is conducted within the frame of the undergraduate course "Stochastic Methods in Water Resources" of the National Technical University of Athens (NTUA). The School of Civil Engineering of NTUA provided financial support for the participation of the students in the Assembly.