



## **Teleconnections between the Indian Monsoon and the Mediterranean**

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Raicich et al. (2003) provided evidence that the Indian Monsoon Index is linked with atmospheric pressure in the Mediterranean. In particular they have shown that the eastern Mediterranean basin is significantly anti-correlated with the index and that during late summer and autumn the western Mediterranean becomes significantly correlated. We reassess this relationship using tide gauge data and a sea level barotropic model with a spatial resolution of  $1/4^\circ \times 1/6^\circ$ . A marked signal is found in the barotropic model in the Ionian Sea. However the correlations stated by Raicich et al. (2003) only appear for particular periods of time and are considered as transient.