

## **Teleconnections between the Indian Ocean Dipole Mode and climate variability over the Eastern Mediterranean Sea, as simulated by a coupled General Circulation Model**

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Role of the Indian Ocean Dipole Mode in influencing the Eastern Mediterranean Sea climate variability is examined using simulations from a coupled atmosphere ocean general circulation model (INGV-SXG). The dynamical processes involved in the teleconnection between the two regions, as captured by the model simulations are investigated. The study is then validated using the ERA-40 reanalysis. The new findings here indicate that a combination of regional meridional circulations and planetary wave motions are involved in the observed teleconnection.