



A multi-model ensemble analysis of the possible development of tropical-like cyclones over the Mediterranean Sea in a future climate change scenario

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The possible development of tropical-like cyclones over the Mediterranean Sea under climate-change scenario conditions is analyzed. Present climate and climate change scenario simulations performed with several regional climate models within the european project PRUDENCE are used to this effect. Various characteristics of late summer cyclones are analyzed to discuss changes between present and future climate, including the appearance of tropical features. The uncertainty of these changes is assessed with the help of the multi-model ensemble.