

## Models from HCMR used in the SEPRISE demonstration

<b>Institution</b>	Hellenic centre for Marine Research
<b>Model Name</b>	Offshore wave forecasting model - WAM
<b>Characteristics</b>	3rd generation-cycle 4 wave model. Utilizing one-way nesting technique, two different model configurations are available one for the Mediterranean Sea and the other for the Aegean Sea.
<b>Area Covered</b>	Sea Area: Mediterranean and Aegean Sea
<b>Variables Predicted</b>	Wave parameters (significant wave height, mean wave direction, mean wave period)
<b>Operational / Pre-operational</b>	Operational
<b>Source of Atmospheric Forcing</b>	POSEIDON weather forecasting model
<b>Length of Forecast</b>	72 hours
<b>How many forecast cycles per day, i.e. how often is the model run?</b>	Once per day

<b>Additional Information</b>				
<b>Numerical basis of the model</b>	Model Area	Lon	Lat	
		Lon	Lat	
	Number of grid points in X-Y axis			
	Number of vertical levels			
<b>Resolution (° or km)</b>	Mediterranean domain: 0.25° Aegean domain: 0.05°			
<b>Computer used</b>	POSEIDON weather forecasting model			
<b>Validation method</b>	Against buoy measurements			
<b>Use of model</b>	X	Research	X	Public
		Governmental		Commercial
		Private		