WP5: TASK 5.2.2: COASTAL EROSION AND STORM SURGE MODELLING

File name	Description
MAPS	
Spatial Maps.pdf	• Bathymetry of the model domain. • Spatial maps of mean significant wave height (Hs in m) for present (2010-19) and future climate (2040-49). • Seagrass belt position in the Bellocchio beach. • Time-series comparison of Hs, with & without vegetation • Wave attenuation maps.
Times series location details.docx	• Selected locations (station map) for the time series in the Emilia-Romagna coastal belt during the period 2010-19, and 2040-49 **(8 stations)**. **[Figure 1, Table 1].** • Selected locations (station map) in the Emilia-Romagna coastal belt for the time series comparison **(with and without vegetation)** during the period 2010-19, and 2040-49 **(5 stations)**. **[Figure 2, Table 2].**
POST-PROCESSED WAVE MODEL OUTPUTS	
WW3 _Time Series_2010-19.xlsx **(Present Climate)**	WW3 time series of wave parameters for **8 stations** in the Emilia-Romagna coastal belt (2010-19): ▪ Significant wave height (Hs in metres) ▪ Peak wave period (Tp in seconds) & ▪ Mean wave direction (θm in degrees)
WW3_Time Series_2010-19(with_and_without_veg).xlsx **(Present Climate)**	WW3 time series of significant wave height (Hs in metres) **with and without vegetation** for **5 stations** in the Emilia-Romagna coastal belt (2010-19).

WW3_Time Series_2040-49.xlsx
 	
(Future Climate)
	WW3 time series of wave parameters for **8 stations** in the Emilia-Romagna coastal belt (2040-49):
	
	  ▪ Significant wave height (Hs in metres)
	  ▪ Peak wave period (Tp in seconds) &
	  ▪ Mean wave direction (θm in degree)

WW3_Time Series_2040-49(with_and_without_veg).xlsx **(Future Climate)**	WW3 time series of significant wave height (Hs in metres) **with and without vegetation** for **5 stations** in the Emilia-Romagna coastal belt (2040-49).