

Purpose	Model	Resolution	Coupling–initial conditions data	Domain
Atmosphere	ARPEGE D1	T798 (~ 10 km)	ERA-x	global
	ARPEGE D2	T798 (~ 10 km)	ERA-x + ARPEGE	global
	ALADIN	10 km	ARPEGE D1	Bulgaria
Wave	MFWAM	0.1°	ARPEGE D1/D2	western Europe
	SWAN	0.1°	ALADIN	Bulgaria
Surge	HYCOM	1 km	ARPEGE D1/D2 + bathymetry	ATL
	HYCOM	1 km	ARPEGE D1/D2 + bathymetry	MED
	MF model	0.0333°	ALADIN + bathymetry	Black Sea