AdriaMORE project has been approved in the framework of the 1st Call for proposal "Standard+" projects of the Interreg Italy-Croatia CBC Programme and brings together 4 partners from Croatia and Italy.

PROJECT IDENTIFICATION

Acronym:	AdriaMORE
Title:	Adriatic DSS exploitation for MOnitoring and Risk management of coastal Extreme weather and flooding
Funding line:	Priority Axis 2, Specific Objective 2.2
Lead Partner:	Abruzzo Region
Starting date:	January 2018
Duration:	18 months
Total budget:	1.150.000,00 €
Contact:	Avv. Paola Di Salvatore paola.disalvatore@regione.abruzzo.it

FUNDING

AdriaMORE is a project co-funded by the European Union through Interreg Italy-Croatia CBC Programme. More info at http://www.italy-croatia.eu

Interreg Italy - Croatia AdriaMORE
European Regional Development Fund
EUROPEAN UNION

PARTNERS

LP Abruzzo Region (Italy)

P1 Dubrovnik and Neretva Region (Croatia)

P2 Meteorological and hydrological service (Croatia)

P3 National Research Council (Italy)

REGIONE ABRUZZO

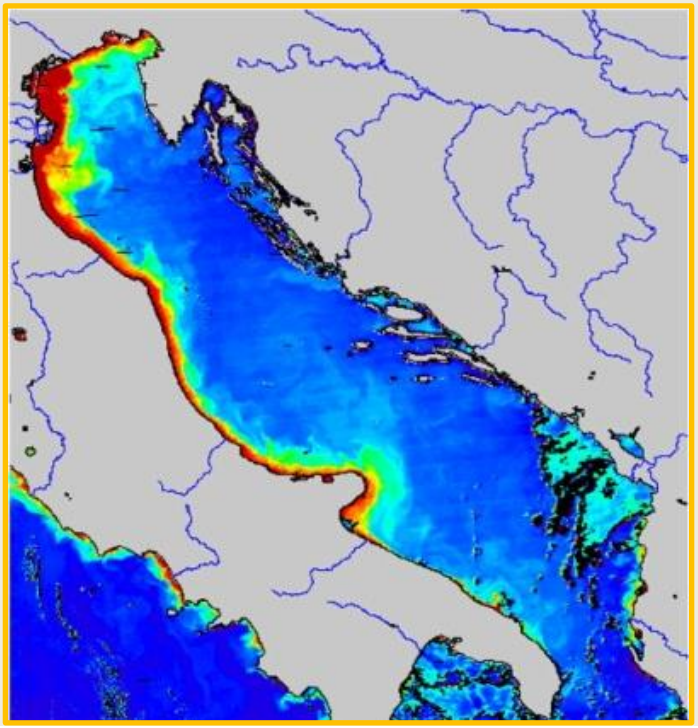
DHMZ

ISMAR

ISAC

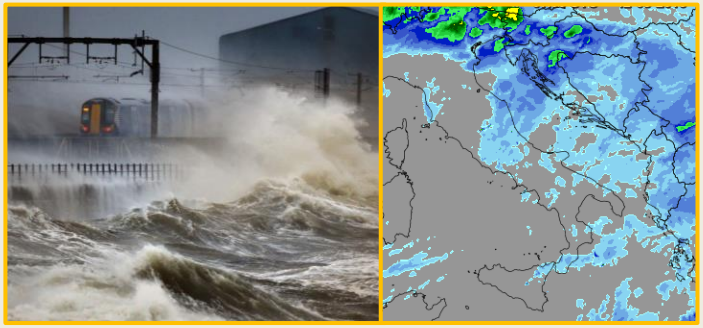
Hazard mitigation and management in Adriatic maritime and coastal environments:

the AdriaMORE project



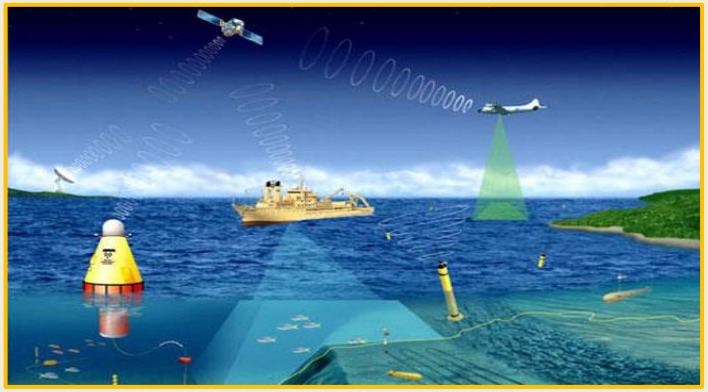
MOTIVATION

Hydro-meteorological and other marine hazards triggered by meteorological events, affecting the Adriatic areas represent a dramatic threat which needs to be faced by enhancing monitoring and forecasting systems. In this respect, **AdriaMORE project** proposes increasing of the management capacity of the response to marine and coastal hazards in the Adriatic basin.



MAIN GOAL

AdriaMORE goal is to improve an existing integrated hydro-meteorological risk management platform focusing on the Adriatic coastal areas of Italy and Croatia capitalizing the major achievements of **ADRIARadNet** and **CapRadNet** projects. The latter, successfully completed under the IPA Adriatic CBC Programme, were devoted to create a cross-border infrastructure of observing and forecasting systems for building real-time risk scenarios for civil protection purpose. To this end, the AdriaMORE project approach is finalized to reach several specific objectives.



SPECIFIC OBJECTIVES

✓ Enhancing the **satellite-based monitoring** with data, such as suspended terrigenous material and chlorophyll concentration that may mark desirable/undesirable effects on the coastal environment.

✓ Improving the **effectiveness of radar measurements** in coastal area by means of the creation of a rain composite utilizing data provided by Italian and Croatian radar network.

✓ **Procurement of a firefighting boat** which will be used mainly for firefighting actions at the sea and coastal area around Dubrovnik.

✓ **Installation of a wind profiler** in the Dubrovnik area for nearly continuously updated vertical profiles of wind, very useful in meteorology and aviation.

✓ Strengthening the **CHyMAdria hydrological model** for coastal flooding prevention taking into account the barrier effect of the sea in the vicinity of rivers' outlets.

✓ Developing of a **meteo-marine modeling chain** coupling high-resolution meteorological and sea-wave models able to ingest local and remote sensing measurements.

✓ Setting up of a modelling framework for **Lagrangian simulations** in coastal areas and open sea for the computation of transport and dispersion properties of environmental sensitive tracers.

✓ **Testing** the risk management platform by means two pilot actions around the estuary of the Pescara and Neretva rivers.