



Università
Ca'Foscari
Venezia

PROJECT ACRONYM AND TITLE: ADRACLIM - Climate change information, monitoring and management tools for adaptation strategies in Adriatic coastal areas

FUNDING PROGRAMME: Interreg Italia-Croazia

CALL: STRATEGIC CALL 2019_Asse 2 - 2.1 Climate change adaption

SCIENTIFIC FIELDS: Climate change

HOST DEPARTMENT: DAIS – Department of Environmental Sciences, Informatics and Statistics

SCIENTIFIC RESPONSIBLE: Andrea CRITTO

FINANCIAL DATA:

Project total costs	Overall funding assigned to UNIVE
€ 8.823.415,00	€ 100.000,00

ABSTRACT:

The Mediterranean Sea and specifically the Adriatic coastal and marine areas are particularly vulnerable to climate-related risks. The sea surface temperature of the Adriatic Sea will increase of about +1.5/1.6°C in 2050 and sea level will increase of +7 cm with consequent negative impacts on coastal areas and marine ecosystem services. In Italy and Croatia climate monitoring, modelling and adaptation are necessary to face this crucial climate challenge and to turn potential threats into economic opportunities. AdriaClim will develop accurate information able to support the development of regional and local climate change adaptation plans. In particular coastal adaptation planning, for a sustainable blue economy, will be developed based on reliable and accurate information on local sea level rise, sea temperature and salinity, coastal erosion, etc. AdriaClim will consolidate the climate change monitoring (observing and modelling) and planning of measures for strengthening the adaptation capacity in Italy and in Croatia also building upon cross-border cooperation. AdriaClim will develop consolidate and enhance climate monitoring systems and innovative data handling for fostering knowledge and cooperation for adaptation strategies planning in coastal and marine environment.

Planned Start date	Planned End date
06.10.2022	31.12.2022

PARTNERSHIP:

1. ARPA Emilia Romagna	Italy	Coordinator
2. AGENCY FOR DEVELOPMENT OF ZADAR COUNTY ZADRA NOVA	Croatia	Partner
3. DUBROVNIK NERETVA COUNTY	Croatia	Partner
4. Sibenik-Knin County	Croatia	Partner
5. HYDROGRAPHIC INSTITUTE OF CROATIA	Croatia	Partner
6. Regione Puglia	Italy	Partner
7. EMCC Foundation (Euro-Mediterranean Center on Climate Change)	Italy	Partner
8. UNIVERSITA' DI BOLOGNA	Italy	Partner
9. ARPA FVG	Italy	Partner
10. AUSLL Veneto	Italy	Partner
11. COMUNE DI VENEZIA	Italy	Partner
12. ISPRA	Italy	Partner
13. CNR-ISMAR	Italy	Partner
14. ARPA VENETO	Italy	Partner