



RESISTANCE project School of Advanced Studies - School Superiore -

Deliverable Number D.3.3.3

Final Version of 25/11/2022



Project Acronym RESISTANCE

Project ID Number 10419754

Project Title Raising Awareness of Maritime Spatial Planning Importance

Priority Axis Environmental and cultural heritage

Specific objective 3.3

Work Package Number 3

Work Package Title Clustering thematic activities

Activity Number 3.3

Activity Title Awareness raising and engagement

Partner in Charge University of Ferrara – PP4

Partners involved University of Ferrara – PP4

Status Final

Distribution Public



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Introduction

University of Ferrara (partner of the RESISTANCE project together with the Emilia Romagna Region, the University of Venice, Cetacea Foundation and the Croatian Municipality of Podstrana, Zdravi Grad, National Park Kornati, SEA AND KARST) organized on 16th -17th- 18th November 2022 during Sealogy 2022 event in Ferrara, the *School of Advanced Studies* (Deliverable 3.3.3).

Graduated and Ph.D. students, researchers and technical experts were the principal target of the event. In particular, the School was focused on impacts of social and climate change on the sustainability of economic activities, environment, biodiversity and human health in maritime spaces. The aim was to contribute to overcoming the existing barriers between different subjects thanks to a multidisciplinary approach on the state of the art in the management, enhancement and protection of marine resources of the Adriatic areas, involving experts from universities, research institutions, and managers of public and private bodies.

Good practices and methodologies developed for a sustainable use of marine and coastal resources and to protect the health of the sea and coastal habitats, were discussed.

The Sealogy event

SEALOGY 2022 is the international exhibition event entirely dedicated to the sea universe and its resources. SEALOGY promotes and enhances the marine environment, disseminates trends, innovations, and best practices, in full respect of the protection and preservation of the maritime ecosystem and sustainable development. This year the event was dedicated to the Blue Economy, where all its pivotal sectors are explored and described: fisheries and aquaculture, marine biotechnology, coastal and maritime tourism, marine renewable energy, maritime transport, shipbuilding and offshore activities. In this framework, the *School Of Advanced Studies - School Superiore* was organized.

Main themes chosen to discuss during the school were:

- Capitalization of INTERREG projects in the RESISTANCE cluster
- Using maritime spatial planning (MSP) to ensure the sustainability of economic activities and environment and biodiversity impact of social and climate change on marine and human health
- Tourism and enjoyment of the environmental and archaeological heritage in maritime spaces.



Many experts from Universities, research institutions, and managers of public and private bodies were involved, during the three days of the event. The experts were in presence and online.

The School was opened by Professor Olga Bortolini, Director of Department of Environmental and Prevention Science of University of Ferrara.

• 16th November 2022

- Andrijana DEDIC (Municipality of Podstrana)
- Giulio POJANA (Università CaFoscari Venezia)
- Alice PARI (Fondazione Cetacea)
- Martina MONTICELLI (Fondazione Cetacea)
- Zorana ŠKARE (Healthy City)
- o Piergiorgio VASI (Regione Emilia Romagna)
- o Carmela VACCARO (University of Ferrara)
- Vadis PAESANTI (FEDAGRIPESCA Confcooperative)
- Luca CHIODINI (Regione Emilia-Romagna)
- Barbara Davidde (Soprintendenza Nazionale per il patrimonio culturale subacqueo)
- Tatiana CHENET (University of Ferrara)
- Chiara VISENTIN (University of Ferrara)
- o Toni KEKEZ (University of Split)

• 17th November 2022

- Massimiliano MAZZANTI (University of Ferrara)
- Giuseppe CASTALDELLI (University of Ferrara)
- Barbara MIKAC (University of Bologna)
- o Donata CANU (OGS-Istituto Nazionale di Oceanografia e di Geofisica Sperimentale)
- Giuseppe PESSA (Ente/soggetto attuatore del progetto VEGAL/FLAG del Veneziano)
- Natalija DUNIC (Institute of Oceanography and Fisheries IOF, Split)
- Luca Maria NERI (University of Ferrara)



- Monica BERTOLDO (University of Ferrara)
- o Antonello AQUILANO (University of Ferrara)
- Chiara TELLOLI (ENEA Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile)

• 18th November 2022

- o Giovanna BUCCI (Soprintendenza Nazionale per il patrimonio culturale subacqueo)
- o Salvo EMMA (Soprintendenza del Mare, Palermo)
- o Fabrizio SGROI (Soprintendenza del Mare, Palermo)
- Fabio VALLAROLA (Municipality of Ancona)
- Ursula THUN HOHENSTEIN (University of Ferrara)





















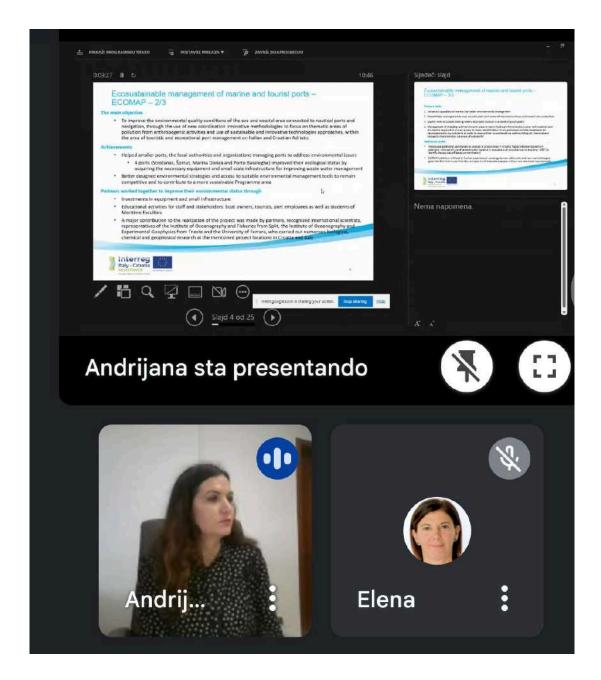










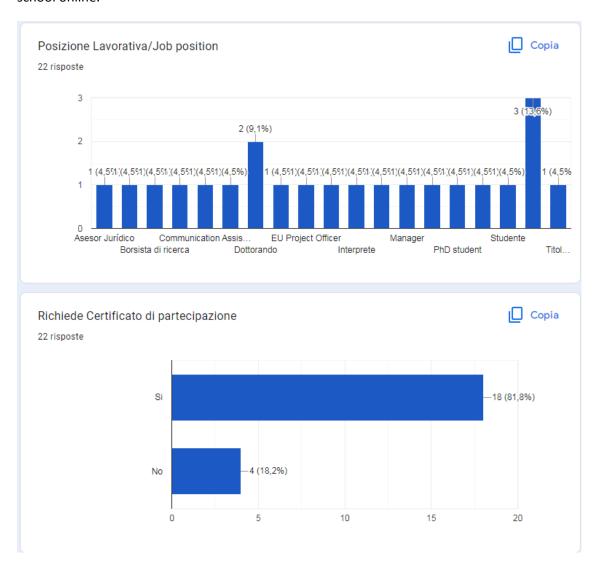




Partecipants

The partecipation to the *School of Advanced Studies* was free. The partecipants were invited to preregister on Google Form (https://docs.google.com/forms/d/e/1FAIpQLScRcbpMghCixQrqWNiR7bG-kGwKZZalumjdV1 9UHsQX2YoBw/viewform).

Twentytwo people were pre-registred. Some of them were in presence and other asked to attend the school online.





The audience people were Universay Stutents, Phd Students, Post Graduate people, general people, representatives of public and private bodies.

Based on signature lists of the event, Sixty-two people in total attended the school in presence during the 3 days.

The secretariat of the school provided to share with partecipants and speakers, the *School of Advanced Studies – School Superiore* certificate of participation.





SEALOGY

CERTIFICATE of PARTICIPATION

Awarded to

Name Surname

In recognition of the participation in

'School of Advanced Studies - School Superiore'

on 17 November 2022

Sealogy 2022 - Ferrara

Supervisor rwela vaccaro

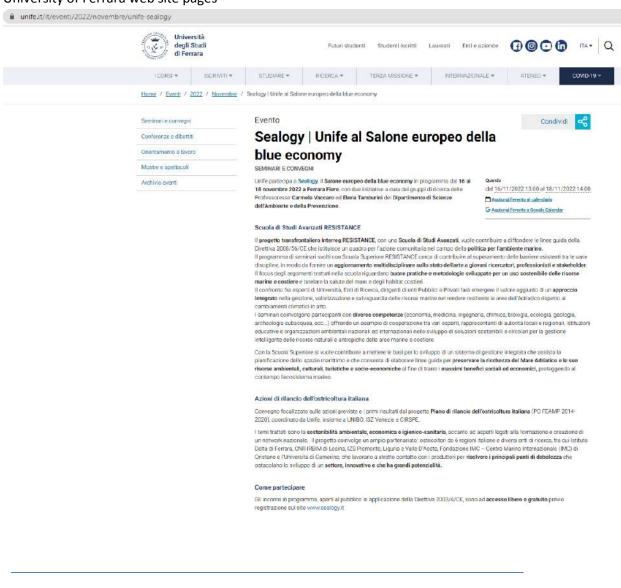
European Regional Development Fund



Visibility

The event, organized by University of Ferrara, was advertised on:

University of Ferrara web site pages



(https://www.unife.it/it/eventi/2022/novembre/unife-sealogy)





Futuri studenti Studenti iscritti Laureati Enti e aziende





I CORSI -

ISCRIVITI -

STUDIARE *

RICERCA *

TERZA MISSIONE .

INTERNAZIONALE *

ATENEO =

COVID-19 -

Home / Studiare / Tirocini e placement / Opportunità di tirocinio / SEALOGY® - Salone Europeo della Blue Economy

SEALOGY® - Salone Europeo della Blue Economy

SEALOGY®, il Salone Europeo della Blue Economy, è l'appuntamento fieristico internazionale interamente dedicato all'universo mare e alle sue risorse, che si terra presso il Quartiere Fieristico di Ferrara dal 16 al 18 novembre 2022.

Ferrara Expo e SEALOGY® invitano studentesse/studenti e neolaureate/i Unife ai congressi e alle iniziative laboratoriali a loro dedicate nell'ambito di Blue Skills&Jobs, che connota tutte le attività dedicate allo sviluppo della conoscenza e delle carriere professionali legate al mare.

Durante la manifestazione , verranno approfonditi e descritti tutti i settori cardine della Blue Economy: pesca e acquacoltura, biotecnologie marine, turismo costiero e marittimo, energie rinnovabili marine, trasporti marittimi, cantieristica e attività offshore. Supportata dalla Commissione Europea e patrocinata, tra gli altri, dal Ministero per le Politiche Agricole, Alimentari e Forestali, dal Ministero per le Infrastrutture e Trasporti e dalla Regione Emilia-Romagna, SEALOGY® sì è affermata da subito come il palcoscenico di confronto e discussione, a tutti i livelli, su temi centrali e fondamentali come la sostenibilità - ambientale, economica e sociale - , la biodiversità marina, i cambiamenti climatici, l'inquinamento, la crescita blu e l'innovazione 4.0.

Stato	CHIUSO
Tipologia di bando	Altro
Destinatari	Laureati Dottorandi Studenti
Ente	Ferrara Expo & Sealogy®
Data di pubblicazione	02/11/2022
Chiusura procedimento	18/11/2022

Consulta gli approfondimenti

Aree espositive, convegni e workshop, dimostrazioni e showcase, laboratori e show cooking legati alla Blue Economy sono i protagonisti dell'evento nel quale, in virtù delle forti sinergie che legano la manifestazione al territorio Regionale, viene data particolare attenzione al seafood e alle produzioni ittiche, allevate e pescate, con particolare visibilità alle eccellenze italiane del Medio e Alto Adriatico. Focus dell'edizione 2022, i settori della pesca e dell'acquacoltura (tracciabilità del prodotto finito, attrezzature per la lavorazione e confezionamento delle produzioni ittiche, refrigerate e surgelate, la logistica, il trasporto e le spedizioni), i trasporti marittimi (trasporto merci, infrastrutture) e le energie rinnovabili marine (ricerca e sviluppo).

Il programma congressuale e dei laboratori previsti durante l'evento sono consultabili nella locandina allegata a questo avviso. In particolare, per le studentesse e gli studenti Unife si segnala il seguente laboratorio

RESISTANCE Raising awarenESs of Maritime Spatial planning importance | Interreg Italy - Croatia

School of Advanced Studies - School Superiore

The school is devoted to Graduated and Ph.D. students, researchers, and technical experts.

The school is focused on the usage of maritime spatial planning (MSP) to ensure the sustainability of economic activities and

Per partecipare alle giornate di incontro, le/gli interessate/i dovranno iscriversi compilando guesto Modulo Google entro le ore 24:00 del giorno 14 novembre 2022.

Per informazioni:

Sito web: https://www.sealogy.it/

AVVISO IMPORTANTE

che vengono pubblicati su questa bacheca sono da verificare a discrezione degli

L'Ufficio Placement ne dà semplice diffusione per opportuna valutazione personale.

Si segnala all'utenza che l'Ufficio Tirocini e Placement del 9 dicembre 2022.

AVVISO IMPORTANTE

Si segnala all'utenza che, in occasione delle festività natalizie.

l'Ufficio Tirocini e Placement rimarrà chiuso dal giorno 24 dicembre 2022 al giorno 6 gennaio 2023. Le attività riprenderanno

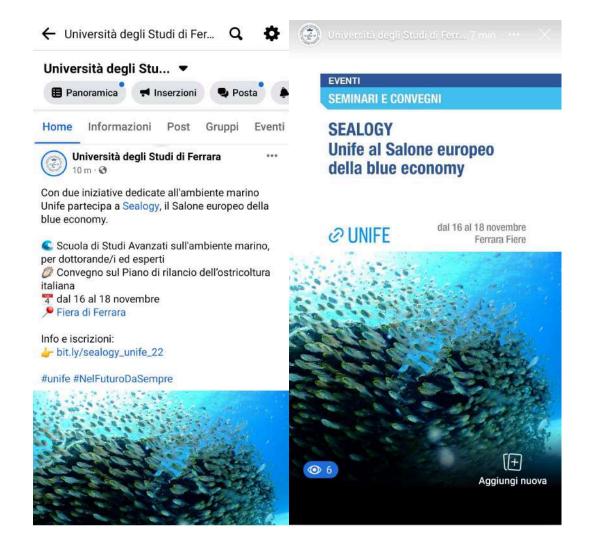
Per i tirocini in partenza dal 27/12/2022 all'11/01/2023. i progetti formativi firmati dovranno essere caricati

il giorno 9 gennaio 2023.

https://www.unife.it/it/studiare/tirocini/opportunita/sealogy-r-salone-europeo-della-blueeconomy

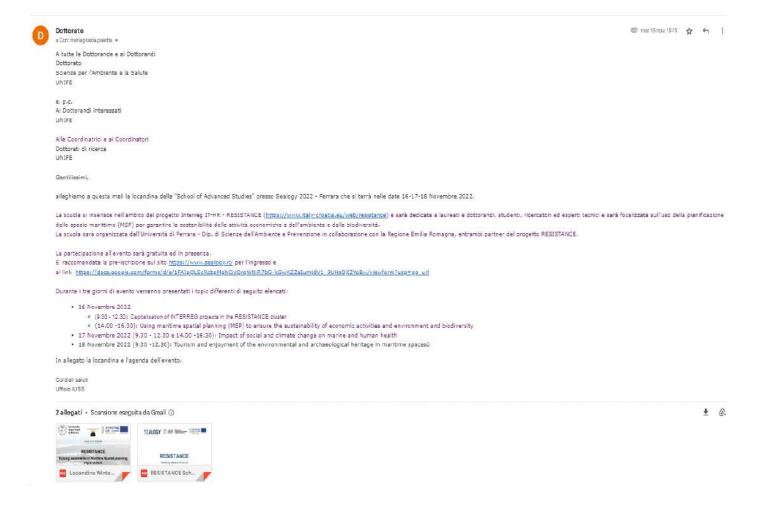


• University of Ferrara social media page





University of Ferrara newsletter directed to students and PhD students





Resistance web site and social media





European Regional Development Fund

About the Project News Events DoctaTools Multimedia Contacts 60TOTHEPPOGRAMME

Home (ITA-CRO) / Projects (ITA-CRO) / RESISTANCE / Events / SEALOGY 20

SEALOGY 2022, SCHOOL OF ADVANCED STUDIES, SCHOOL SUPERIOR

BACK TO ALL EVENTS

SCHOOL OF ADVANCED STUDIES, SCHOOL SUPERIOR 16th TO 18th NOVEMBER 2022 ON SEALOGY

REGISTRATION OPEN

THE SCHOOL OF ADVANCED STUDIES - SUPERIOR SCHOOL IS ORGANIZED AS PART OF THE INTERREGITHIR RESISTANCE PROJECT

The cross-border project Interreg IT-RR RSS(TANCE will organize the "School of Advanced Sucies", and will contribute to spreading the guidelines of Directive 2005/6 / RC that establishes as four-week for community action in the feed of Marine eventroment. The sentence program will be held within "RSS(TANCE School of Advanced Studies" and will contribute to exercising the website barriers between the various despites on event or provide a multiple opinion program will be held within "RSS(TANCE School of Advanced Studies" and will consider the contribute to exercising the website barriers between the various despites on the despite of the authority of the active of the artist young receive the result of the active of the sentence of the active of the

The event will take place in pierum with the following calendar

November 16, 2022 10:30-12:30 / 14:00-16:30 Scirocco Room November 17, 2022 09:30-12:30 / 14:00-16:30 Scirocco Room

Participation is free. To resister https://docs.eocele.com/forms/die/1FAIs/CLScRct pMeh Die/CraWNeR/b-G-KGKZZslumidV1-9U Hs/DKZYs@w/viswform?uso=ge-gri

https://www.italy-croatia.eu/web/resistance/-/sealogy_2022_ferrara





THE SCHOOL OF ADVANCED STUDIES IS ORGANIZED WITHIN THE INTERREG IT-HR RESISTANCE PROJECT

FROM 16 TO 18 NOVEMBER 2022 SEALOGY®

The Interreg IT-HR RESISTANCE cross-border project, with the organization of the "School of Advanced Studies", aims to help disseminate the guidelines of Directive 2008/56/EC which establishes a framework for community action in the field of health policy 'Marine environment, The seminar program that will be held with the "School of Advanced Studies RESISTANCE" will try to contribute to overcoming the existing barriers between the various disciplines, in order to provide a multidisciplinary update on the state of the art to young researchers, professionals and stakeholders. The focus of the topics covered in the school concern good practices and methodologies developed for a sustainable use of marine and coastal resources and to protect the health of the sea and coastal habitats. The comparison between experts from universities, research institutions, managers of public and private entities will bring out the added value of an integrated approach in the management, enhancement and protection of marine resources in making the Adriatic areas resilient to the ongoing climate change. The seminars will involve participants with different skills (economics, medicine, engineering, chemistry, biology, ecology, geology, underwater archaeology, etc...) offering an example of cooperation between various experts, representatives of local and regional authorities, educational institutions and national and international environmental organizations in the development of sustainable and circular solutions for the intelligent management of natural and anthropic resources of marine and coastal areas. With the "School of Advanced Studies RESISTANCE" we will try to help lay the foundations for the development of an integrated management system that assists maritime spatial planning (MSP) and which allows the elaboration of guidelines to preserve the richness of the Adriatic Sea and its environmental, cultural, tourism and socio-economic resources in order to reap the maximum social and economic benefits while protecting the marine ecosystem.

The event will take place face-to-face with the following schedule:

16 November 2022 10.30-12.30/14.00-16.30 Sala Scirocco

17 November 2022 09.30-12.30/ 14.00-16.30 Sala Scirocco

18 November 2022 9.30-12.30 Sala Grecale.

Participation is free. To register https://docs.google.com/.../1FAIpQLScRcbpMghC.../viewform...

Please note that to access SEALOGY® you need to register at the VISITORS link: https://ticket.sealogy.it/



https://www.facebook.com/interregresistance



Sealogy 2022 newsletter and social media



14 novembre 2022 15:37

APERTE LE ISCRIZIONI NELL'AMBITO DEL PROGETTO INTERREG IT.HR RESISTANCE E ORGANIZZATA LA SCHOOL OF ADVANCED STUDIES - SCHOOL SUPERIORE DAL 16 AL 18 NOVEMBRE 2022 SEAL OGY®

NOVE SERVICE VICENSE IN SIMPOSTTO MISSINES TO MERITATIONS IN SOCIOLO OF SIGNACO, I proposto transforcio pilicano (Leatin SERVICE) con reportazione della Siciania di Buthi Avantati", vacio constater a offenderi to lince gado addi Cristina CONTESCIO. Che institucci un quadra prificione comendata sei cango della policia per l'arciente instruir la programma di energi dei cantino sei con si "Scotia di Soudi Avantati RESISTANCI". Contredi di contitura a si septemiento della per l'arciente primi di la vivel discipioni, in modici a primi e aggiornamento intra della primi di la vivel discipioni, in modici a primi e aggiornamento intra discipioni e sulla vida della nel modici a primi prefesiorente e sissante un'attivi perimenti ritati in ella victari i giunitario biami prindire e indicisio più ancie di man e cogli statta conditi i controle i si signati di timi tratta si i saudi dei man e cogli statta conditi i controle i si signati di timi fini di Siocca, progenti si eser filiativa e Prima bial energene in ciare signativi di un' fini di Siocca, progenti si eser filiativa e Prima bial energene in care signativa di un'

Cevento si svolpeni in presenza cun il seguente calenda 16 novembre 2022 10.39-12.30/14.00-16.30 Sala Schor 17 novembre 2022 03.30-12.30/14.03-11.30 Sala Schor 18 Novembre 2022 0.30-12.30 Sala Grecale





• Società Geologica Italiana web page



RESISTANCE: Raising awarenESs of MaritIme Spatial planning imporTANCE - School of Advanced Studies

14/11/2022



Carissimi Soci SGI, Carissimi Soci Società Associate,

su indicazione del **Dott. Dino Di Renzo** (Università di Ferrara), vi segnaliamo la **School of Advanced Studies "RESISTANCE: Raising awarenESs of Maritime Spatial planning imporTANCE".** La scuola si terrà durante l'evento **Sealogy 2022,** nel periodo 16-18 Novembre 2022, presso il quartiere fieristico di Ferrara

La scuola, rivolta a dottorandi, ricercatori ed esperti del settore, si concentrerà su tematiche relative agli impatti dei cambiamenti sociali e climatici sulla sostenibilità delle attività economiche, sull'ambiente, sulla biodiversità e sulla salute umana negli spazi marittimi.

Organizzata dal Dipartimento di Scienze dell'Ambiente e della Prevenzione dell'Università di Ferrara nell'ambito del progetto transfrontaliero Interreg Italia – Croazia RESISTANCE, con il patrocinio delle Amministrazioni Comunali di Ferrara, Goro e Comacchio, la scuola prevede la partecipazione di docenti sia italiani che stranieri.

Cordiali saluti,

La Segreteria

Locandina

https://www.socgeol.it/N4844/resistance-raising-awareness-of-maritime-spatial-planning-importance-school-of-advanced-studies.html



Emilia Romagna Region Order of Biologists web site



https://www.biologiemiliaromagnamarche.it/2022/11/14/sealogy-2022-a-ferrara-dal-16-al-18-novembre-la-school-of-advances-studies-school-superior/



Soprintendenza Nazionale per il Patrimonio culturale subacqueo – Ministry of Culture, web page



https://www.patrimoniosubacqueo.it/resistance/



The "School of Advanced Studies – School Superiore" event was also under the patronage of:

- Municipality of Ferrara
- Municipality of Goro
- Municipality of Comacchio
- Consortium Future in Research (CFR)
- University Consortium for Socio-economic Research and the Environment (CURSA)

High school event

The Resistance Project, its main objectives and some of the activities carried out during the NET4mPLASTIC Project were presented during a dissemination event "Le lezioni del Sisma 2012" organized by "Centro Documentazione Sisma Emilia 2012" (in collaboration with the University of Modena-Reggio Emilia, University of Ferrara, INGV and Emilia Romagna region) in Finale Emilia (RE-Italy) (20-21 october 2022). Two High Schools were involved: "Istituto Tecnico Statale CALVI" and "Liceo Scientifico Statale MORANDI".

The activities of the event were in the framework of the tenth anniversary of the earthquake in Emilia Romagna (2012), during which information event on risk was provided involving students on different environmental risks like microplastics and the management sustainable coastal zones. The dissemination activity of the RESISTANCE project took place with two stands, and several presentations on different environmental issues were performed in the Aula Magna of the institute, while some interactive stands were set up for the children in the Multipurpose Hall.

In particular, inside the stand entitled "Innovative, autonomous and integrated marine vehicles for the monitoring and collection of plastics and microplastics at sea", the functionalities and the characteristics of two important instruments used within the NET4mPLASTIC Project - the marine drone and the mini manta trawl – were presented as well as the main information regarding the NET4mPLASTIC and Resistance IT-HR INTERREG projects.

Indeed, Dr. Marrocchino talked about the sediment analysis methodologies applied in the ECOMAP project and illustrated the results obtained, while in the Multipurpose Room dr. Olivo and Prof. Vaccaro presented the aims of RESISTANCE cluster and in particular NET4mPLASTIC project in one of the



interactive stands organized to involve young students in the use of drones for mapping environmental pollutants, including plastic.



About ten groups of young people (about 300 students) participated to the 2 days events. The high-schools students appeared extremely attentive and interested to environmental problems, in particular regarding the possibility of using new technologies to help study environmental pollution in general and specifically marine pollution. Some students were accompanied by teachers who had previously illustrated the problems, encouraging them to be more involved. The students were very enthusiastic to see and touch the scientific instrumentation and to be able to deal directly with scientists and researchers.

The information regarding the two dissemination days was shared through the main social networks (Facebook and Instagram), while the presentations were recorded by staff and shared on the School's YouTube site at this address: https://youtu.be/ UfL-hFEhC1U

https://www.unife.it/it/eventi/2022/ottobre/centro-documentazione-sisma-giornate-didattiche rev04.pdf

https://www.comunefinale.net/it-it/appuntamenti/lezioni-del-sisma-emilia-2012-un-convegno-per-gli-studenti-al-calvi-e-al-morandi-87778-1-1329a326dd3d75d2ce6c350a9acfa602



https://www.unife.it/it/eventi/2022/ottobre/lezioni-sisma-2012 https://www.liceomorandi.edu.it/pagine/documentazione-sisma-20-21-ottobre-2022

Conclusions

Sixty-two persons attended the school in presence during the 3 days (about 31 academic and 31 cooperatives and economic actors) participated during the school of advanced studies. The event focused on the following issues

- Capitalization of INTERREG projects
- Using maritime spatial planning (MSP) to ensure the sustainability of economic activities and environment and biodiversity impact of social and climate change on marine and human health
- Tourism and enjoyment of the environmental and archaeological heritage in maritime spaces.

The second event involved about 200 high school students, during which a stand was dedicated to "Innovative, autonomous and integrated marine vehicles for the monitoring and collection of plastics and microplastics at sea" used during previous project (Net4mPlastic). In addition, a specific presentation illustrated the methodologies for sediment analysis methodologies used within ECOMAP project.

Annexes

Annexes are:

- the official "School of Advanced Studies School Superiore" poster
- the official "School of Advanced Studies School Superiore" program
- the official Sealogy 2022 program.