

2014 - 2020 Interreg V-A
Italy - Croatia CBC Programme
Call for proposal 2019 Strategic

CoAStal and marine waters integrated monitoring systems for ecosystems proteCtion AnD managemEnt

CASCADE

Project ID: 10255941

Priority Axis: Environment and cultural heritage

Specific objective: Improve the environmental quality conditions of the sea and coastal area by use of sustainable and innovative technologies and approaches

D5.4.3

Local events (about a total of n. 10 guided tours and scuba diving for general public for scientific, tourist and recreational purposes; n. 10 Laboratories and didactical activities for schools)

PP in charge: all PPs

Report of the n. 10 laboratories and didactical activities – part 3

Final version

Public document

June, 2023

Project acronym	CASCADE
Project ID number	10255941
Project title	CoAStal and marine waters integrated monitoring systems for ecosystems protection AnD managemEnt
Priority axis	3 - Environment and cultural heritage
Specific objective	3.2 - Contribute to protect and restore biodiversity
Strategic theme	3.2.1 - Marine environment
Word Package number	WP5
Word Package title	Pilots for endangered species restoration and Integrated coastal/marine management system
Activity number	Activity 5.4
Activity title	Ocean literacy toolkit and events
Partner in charge	All PPs
Partners involved	All PPs

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Priority Axis: Environment and cultural heritage
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Event follow up report

Work Package:	<i>5. Pilots for endangered species restoration and Integrated coastal/marine management system</i>
Activity	<i>5.4 - Ocean literacy toolkit and events</i>
Deliverable:	<i>5.4.3 - Local events (guided tours and scuba diving for general public for scientific, tourist and recreational purposes; Laboratories and didactical activities for schools)</i>

Project Partner:	<i>LP- Regione Puglia</i>
Name of event:	You are what You Sea - Workshop-excursion in the pilot area of the Torre Guaceto Reserve
Date:	27 October 2022
Event type:	<i>Organized event - Workshop-excursion</i>
Event venue:	<i>In presence event</i>
Short description of the event:	YOU ARE WHAT YOU SEA continued with the workshop-excursion in the Torre Guaceto Reserve that led secondary school students to discover the importance of the sustainable use of marine and coastal environments and to understand that the conservation of biodiversity coincides with the protection of ecosystem diversity. This is a process that begins with the establishment of areas, such as Torre Guaceto, suitable for preserving endangered species and habitats, and ends with the proper management of both the territory in which we live and the planet.
Speakers speeches, brief summary and conclusion:	<p>It was a great event the one that took place in Torre Guaceto on October 27th. It was important because of the involvement of young people and an opportunity to raise a more attentive generation and closer to Nature, aware of territory preservation positive effects.</p> <p>This was the core of the third event of CASCADE Project "YOU ARE WHAT YOU SEA", a workshop-excursion that involved the students of both "Antonio Galateo" and "Ascanio Grandi" 1st Grade Secondary Schools in discovering the Torre Guaceto Reserve, a great heritage for every one of us.</p> <p>Walking through the different habitats, having a snack under the holm oak wood, and taking part in the biodiversity workshop have been all moments during an educational pathway aiming to be both transmissive and transformational, capable of raising awareness and change.</p> <p>Later, during the SeaLab, Dr. Franca Sangiorgio of the University of Salento guided the students in deepening their understanding of scientific aspects related to our planet's marine and coastal areas, environmental vulnerability and fragmentation, and ecosystems.</p>
Role of CASCADE partner in the event:	Maria Nilla Miccoli, CASCADE communication manager for the Regione Puglia, introduced the event to the participants explained the objectives and activity of the project.

Type of audience/target groups involved:	Students and teachers
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Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public		
Local, regional and national public authorities		
Associations		
NGOs		
Education and training organizations as well as universities and research institutes	2	1) Scuola Secondaria Di I Grado "A. Grandi" (Lecce) 2) Scuola Secondaria Di I Grado "A. Galateo" (Lecce)

Annexes:

- Agenda;
- Photos from events;
- Video of the events;
- Screenshot and links to websites, media relations and press releases issued;
- Participation list.

CASCADE

CoAStal and marine waters
integrated monitoring systems
for ecosystems proteCtion
AnD managemEnt



YOU ARE WHAT YOU SEA
Ore 8:00 - 27 ottobre 2022
Riserva di Torre Guaceto (BR)

 **TOUR GUIDATO**
LABORATORIO-ESCURSIONE

 **DURATA**
6 ORE CIRCA (8:00 - 14:00)

 **PARTECIPANTI**
23 PERSONE

Iscrizioni entro il **15 ottobre 2022**

Laboratorio-escursione nella Riserva di Torre Guaceto, modello di fruizione sostenibile degli ambienti marini e costieri dell'Adriatico. L'obiettivo è far comprendere come il mare influenza noi e come noi possiamo influenzarlo. Aumentare questa consapevolezza è un approccio per incoraggiare i più giovani a un comportamento più responsabile e informato nei confronti del mare e delle sue risorse.

ORE 8:00 RITROVO
Partenza da Lecce
Trasferimento in pullman

ORE 9:00 ESCURSIONE
"Sulla via della Torre" - Escursione guidata all'interno della Riserva.
Il percorso che attraversa la macchia mediterranea e raggiunge la spiaggia consente l'osservazione dei diversi habitat costieri, della zona umida dell'Area Marina Protetta e della Torre Aragonese con allestimento archeologico.

ORE 11:30 COFFEE BREAK offerta da CASCADE nella Lecceta

ORE 12:00 SEALAB AL CENTRO VISITE
"Servizi ecosistemici e fragilità degli ecosistemi marino-costieri"
a cura della Dott.ssa Franca Sangiorgio (UniSalento)

ORE 14:00 RIENTRO A LECCE





Video of the event

<https://www.youtube.com/watch?v=FH5dpeN-BY0>



Laboratorio - Escursione nella riserva di Torre Guaceto_27 ottobre 2022



CASCADE_Regione Puglia

Iscriviti

0



Condividi



Screenshot and links of communication pre-event

<https://www.regione.puglia.it/web/ambiente/you-are-what-you-sea-terzo-evento-del-progetto-cascade-27-ottobre-2022>



REGIONE PUGLIA > AMBIENTE

AMBIENTE
REGIONE PUGLIA

Home > Bianco notosa > "YOU ARE WHAT YOU SEA" - TERZO EVENTO DEL PROGETTO CASCADE - 27 OTTOBRE 2022

"YOU ARE WHAT YOU SEA" - TERZO EVENTO DEL PROGETTO CASCADE - 27 OTTOBRE 2022

LABORATORIO-ESCURSIONE NELL'AREA PILOTA DELLA RISERVA DI TORRE GUACETO

Continua "YOU ARE WHAT YOU SEA" con il laboratorio-escursione nella Riserva di Torre Guaceto che porterà i ragazzi delle scuole secondarie di primo grado a scoprire l'importanza della fruizione sostenibile degli ambienti marini e costieri e a comprendere che la conservazione della biodiversità coincide con la tutela delle diversità ecosistemiche. Questo è un processo che inizia dall'istituzione di aree, come Torre Guaceto, idonee a preservare specie e habitat a rischio di estinzione, per arrivare alla corretta gestione del territorio in cui viviamo e del pianeta.

L'evento è realizzato dalla Regione Puglia nell'ambito del progetto CASCADE – "CoAStal and marine waters integrated monitoring systems for ecosystems protection and management" finanziato dal Programma di Cooperazione Interreg V-A Italia-Croazia 2014-2020.

Ambiente Dipartimento Ambiente, Paesaggio e Qualità urbana
Pubblicato il 24 ottobre 2022

[Ascolta](#)

<https://www.regione.puglia.it/web/ambiente>

<https://europuglia.regione.puglia.it/web/europuglia/you-are-what-you-sea-terzo-appuntamento-con-il-laboratorio-escursione-del-progetto-cascade>



REGIONE PUGLIA > POLITICHE EUROPEE E COOPERAZIONE INTERNAZIONALE > EURO PUGLIA

EURO PUGLIA
growing with cooperation

Home Chi siamo Cooperazione territoriale europea Cooperazione internazionale Macroregione adriatico-ionica Contatti Ricerca

Home > Dorsale notosa > "YOU ARE WHAT YOU SEA, terzo appuntamento con il laboratorio-escursione del progetto CASCADE

YOU ARE WHAT YOU SEA, terzo appuntamento con il laboratorio-escursione del progetto CASCADE

Il 27 ottobre nella Riserva di Torre Guaceto

Continua "YOU ARE WHAT YOU SEA" con il laboratorio-escursione nella Riserva di Torre Guaceto che giovedì 27 ottobre porterà i ragazzi delle scuole secondarie di primo grado a scoprire l'importanza della fruizione sostenibile degli ambienti marini e costieri e a comprendere che la conservazione della biodiversità coincide con la tutela della diversità ecosistemiche.

Questo è un processo che inizia dall'istituzione di aree, come Torre Guaceto, idonee a preservare specie e habitat a rischio di estinzione, per arrivare alla corretta gestione del territorio in cui viviamo e del pianeta.

L'evento è realizzato dalla Regione Puglia nell'ambito del progetto CASCADE – "CoAStal and marine waters integrated monitoring systems for ecosystems protection and management" finanziato dal Programma di Cooperazione Interreg V-A Italia-Croazia 2014-2020.

Europa Politica Europea e Cooperazione Internazionale Ambiente Interreg Italia-Croazia
2014-2020
Pubblicato il 26 ottobre 2022

[Ascolta](#)

Valuta questo sito

REGIONE Area riservata

2014 - 2020 Interreg V-A
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Event follow up report

Work Package:	5. Pilots for endangered species restoration and Integrated coastal/marine management system
Activity	5.4. Ocean literacy toolkit and events
Deliverable:	D.5.4.3 local events (about a total of n. 10 guided tours and scuba diving for general public for scientific, tourist and recreational purposes; n. 10 Laboratories and didactical activities for schools)

Project Partner:	RBi Rudjer Boskovic Institute
Name of event:	Workshop with the school students in the pilot area 8 CASCADE
Date:	14. 02. 2023
Event type:	Lecture and discovery of plankton biodiversity on microscope
Event venue:	In presence – Center for marine research, Rudjer Boskovic Institute, Rovinj, Croazia
Short description of the event:	30 participants from elementary school Vladimira Nazora participated in workshop on biodiversity in pilot area 8 (pilot 8) and had lecture on biodiversity Rovinj where CASCADE project was presented and later had a workshop on plankton biodiversity where they looked at live samples of phytoplankton and zooplankton
Speakers speeches, brief summary and conclusion:	Daniela Maric Pfannkuchen gave them a lecture on February 14 2023 for teachers and students. Students Ivan Vlašićek, Mia Knjaz, Lana Grižančić helped students with samples and microscopes.
Role of CASCADE partner in the event:	The lecture was aimed at publicizing the Institute history, local research themes and presentation of international project the INTERREG project CASCADE. Focus was on biodiversity. With te emphasis on plankton. The workshop was on mikrosopes and the students were looking at sea water and net plankton samples. Kids had to
Type of audience/target groups involved:	The event involved teachers and students.

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
Education and training organizations as well	1	27 kids (9-10 years old) from the school Vladimir Nazor Rovinj 3 teachers

as universities and research institutes		

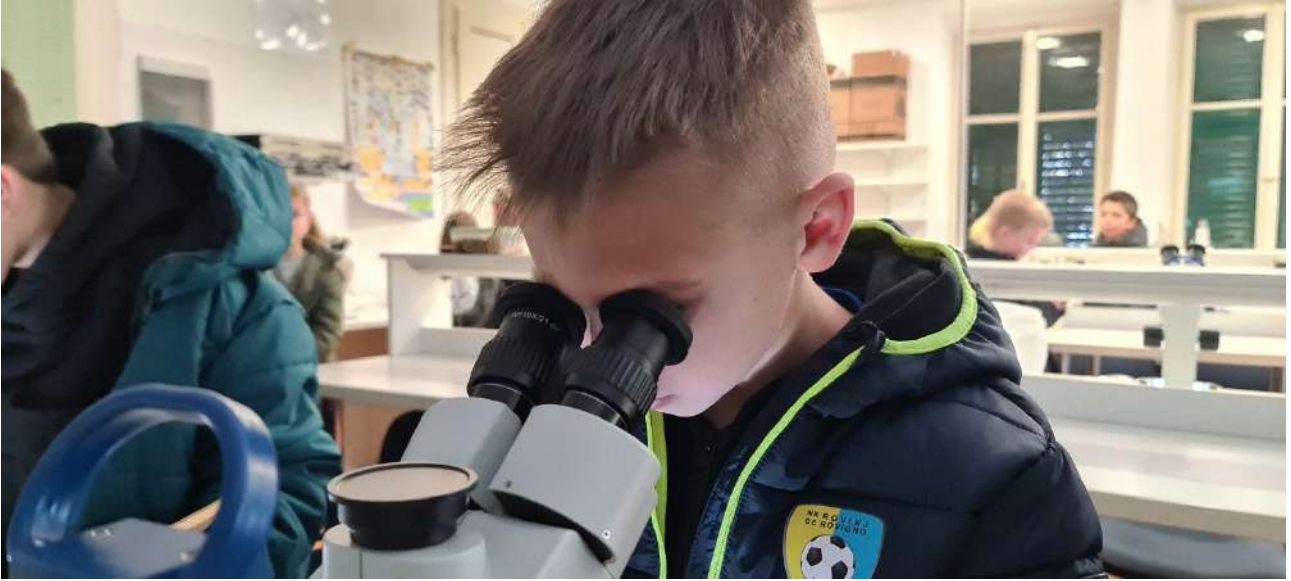
Annexes:

- 1_Photos of the lecture and workshop
- 2_Presentation;
- 3_list of the participants

Annex 1 Photos









Annex 2

Presentation



1



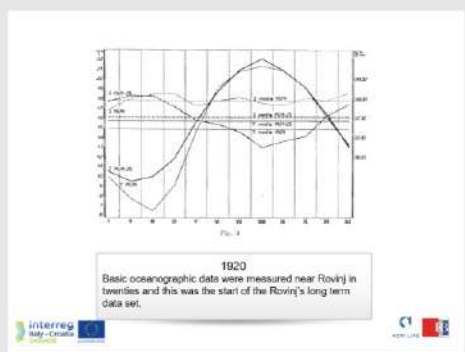
2



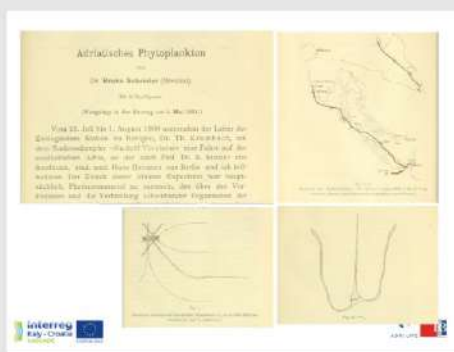
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5



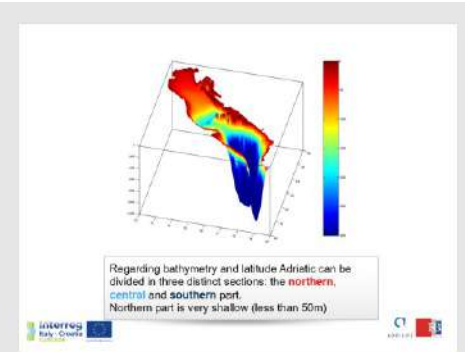
6



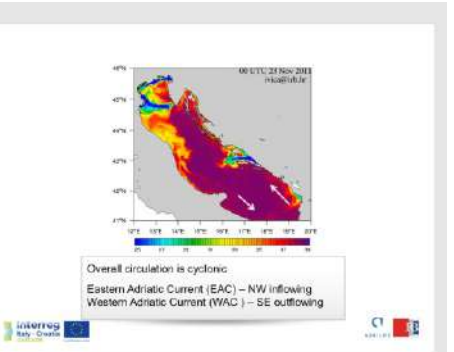
7



8



9



10

2014-2020 INTERREG V-A ITALY - CROATIA CBC PROGRAMME - STRATEGIC PROJECTS



- CASCADE = Coastal and marine waters integrated monitoring systems for ecosystems protection and management
- Priority Axis 5: Environment and cultural heritage
- S.O. 3.2: Contribute to protect and restore biodiversity
- Strategic theme 3.2.1 - Marine environment: improve the environmental quality conditions and biodiversity of coastal, marine, and inland waters and ecosystems consolidating sustainable and innovative technologies and approaches related to integrated monitoring, modelling systems and restoration

TOP-COPIED APPROACH to identify 11 strategic themes which represent the main challenges identified during the implementation of the Programme

36 months (01.01.2020 - 31.12.2022)
Total contribution: 5.817.547,00 €

11

TERRITORIAL CHALLENGES

Adriatic Sea = one the most vulnerable natural ecosystems of the programme area

↓

semi-enclosed basin which exacerbates the impacts of natural and man-made hazards on ecosystems and socio-economic activities

FACTORS

- ↑ increased coastal population and their lifestyle changes
- ↑ intensive economic activities
- ↑ fluvial inputs from large drainage basins
- ↑ discharges from urban and transportation activities
- ↑ eutrophication
- ↑ alien species invasions
- ↑ climate change effects
- ↑ etc.

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PROJECT DESCRIPTION

CASCADE will develop a set of concerted and coordinated actions

MONITORING

- observing
- modeling

MANAGEMENT

- Maritime Spatial Planning - MSP
- Integrated Coastal Zone Management - ICZM
- Land-Sea Interaction - LSI

- to enhance the knowledge
- to evaluate the quality and assess the vulnerability of inland, coastal and marine ecosystems in Italy and Croatia

FINAL OBJECTIVES

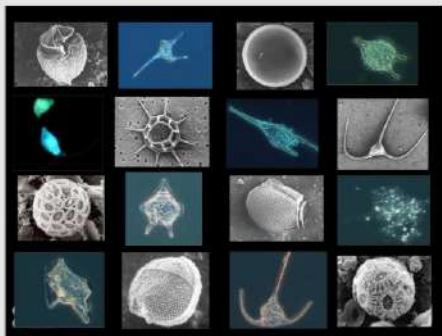
- restore endangered species
- support integrated management



13



14



15

U Jadranskom moru su prisutne četiri vrste morskih cvjetnica: Posidonija ili oceanski porost (*Posidonia oceanica*), morska svišina (*Zostera marina*), patuljasta svišina (*Zostera noltii*) i čvorasta morska resa (*Cymodocea nodosa*).



16



Livade posidonije su „vrtnice“ mora i područja velike biološke raznolikosti. U njima živi više od 20% poznatih sredozemnih vrsta. Na svakom metru posidonije se može naći preko tisuću vrsta gljiva, a livade su obitavalište, proplatište, pastirski i hranilište za više od 100 vrsta riba, od kojih većina ima gospodarski značaj. Sviđaju se i proplatišnim položajnim stavljkama i uspravnim izdancima korijenu odloženim sedimenta (isplojavom morskih snijega, a imaju i važnu ulogu u kruženju hranjivih soli u moru).



17

#Pratiti
ČUVAR
POSIDONIJE



Vidiš li na slikama trlje?
Uočavaš li razliku kroz godine?



Kakva nas budućnost očekuje?



18

Plemenita periska (*Pinna nobilis*) i masovna smrtnost



Plemenita periska (*Pinna nobilis*) je najveći mediteranski školjčak, endem Sredozemnog mora. Uglavnom nastanjuje sedimentna čina s livadama morskih cvjetnica, a zabilježena je na dubinama od 0,5 m do 60 m. Može narasti do 120 cm te se pojavljuje u cijelom Jadranu. Ima važnu ulogu u ekosustavu kao filtrator mora, a na njenim ljusčurama obilježuju brojne vrste.

Plemenita periska (*Pinna nobilis*) je stogo zaštićena vrsta u Hrvatskoj sukladno Zakonu o zaštiti prirode (Narodne novine, broj 80/18, 15/18, 14/19, 127/19) i Pravilniku o stogo zaštićenim vrstama (Narodne novine, broj 144/13, 73/16).



19



Tijekom jeseni 2016. godine na obali Španjolske zabilježene su pojave masovnog pomora plemenitih periski. Zaraza se vrlo brzo proširila i zahvatila cijeli hrvatski dio Jadrana u kojem bilježimo masovna uginuća plemenite periske uzrokovana bolešću.

Mogući uzročnik masovnog pomora periske je *Haplosporidium pinnae*, parazit iz skupine truskovaca (Sporozoa) koji parazitira u tkivu periske, no nije potvrđeno radi li se jedinom uzroku smrtnosti.

U 2020. godini pojava masovnog pomora periske zahvatila je sve zemlje Mediterana sa smrtnošću populacija i do 100 %.



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Annex 3

List of participants

CASCADE PROJECT | PHYTOPLANKTON IN THE NORTHERN ADRIATIC SEA REVEALING HIDDEN BIODIVERSITY
WORKS, ACTIVITIES AND RESULTS OF THE CASCADE INTERREG PROJECT
SEMINAR | WORKSHOP ON 14TH FEBRUARY

A new appointment for presentation of the project and results of the CASCADE Interreg Project. On February 14th, at 8.15am, it will take place a seminar about Phytoplankton Biodiversity in the northern Adriatic for students from elementary school Vladimira Nazora Rovinj-Rovigno. The workshop is organized by IRB which is working in P8 pilot area (Northern Adriatic) on CASCADE Interreg Project.

The seminar will be followed by a workshop where students have the possibility to look at the live samples that they collected in the morning on microscopes.

SEMINAR

8:15 am – February 14th, 2023

Welcome words from dr.sc. Martin Pfannkuchen

8:25 am Seminar: Phytoplankton in the Northern Adriatic Sea revealing the hidden biodiversity- dr.sc. Daniela Maric Pfannkuchen

WORKSHOP

9:00 pm – 10:00 am February 14th, 2023

Workshop with the microscopes for introduction on plankton in Adriatic Sea

Mia Knjaz, Ivan Vlašićek and Lana Grižancic prepared the samples for the students and help them with the work on microscopes.

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Event follow up report

Work Package:	<i>Indicate if: 5 - Pilots for endangered species restoration and Integrated coastal/marine management system</i>
Activity	<i>Indicate if: 5.4 Ocean literacy toolkit and events</i>
Deliverable:	<i>D.5.4.3 [PP in charge: all PPs, delivery: M1-M36] local events (about a total of n. 10 guided tours and scuba diving for general public for scientific, tourist and recreational purposes; n. 10 Laboratories and didactical activities for schools)</i>

Project Partner:	<i>pp4_ArpaFVG</i>
Name of event:	Event – Laboratory for schools: CASCADE and biodiversity
Date:	20.4.2022; 29.4.2022; 5.5.2022
Event type:	<i>Laboratory for schools</i>
Event venue:	Strada di Guardiella, Trieste TS
Short description of the event:	<i>Three-days laboratory for schools. The laboratory included an introduction about biodiversity and ecosystem services, an explanation of CASCADE and Interreg projects and a fieldwork experience. During the fieldwork, students learned how to use simple sampling tools and techniques.</i>
Speakers speeches, brief summary and conclusion:	Federico Pittaluga, Marilyn Carletti, Lisa Faresi, Paolo Fedrigo, Giada Quaino
Role of CASCADE partner in the event:	-
Type of audience/target groups involved:	Laboratories and didactical activities for schools

Annexes:

Video of the event, available at <https://youtu.be/4LnY0Kvqd8k>

Photos

Emails with the schools for joining the events







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Event follow up report

Work Package:	<i>5. Pilots for endangered species restoration and Integrated coastal/marine management system</i>
Activity	<i>5.4 - Ocean literacy toolkit and events</i>
Deliverable:	<i>5.4.3 - Local events (guided tours and scuba diving for general public for scientific, tourist and recreational purposes; Laboratories and didactical activities for schools)</i>

Project Partner:	Institute of oceanography and fisheries
Name of event:	Extraction of lipophilic toxins from soft tissues of mussels
Date:	29.04.2022
Event type:	<i>Laboratories Organized event</i>
Event venue:	<i>In presence</i>
Short description of the event:	At the Institute of Oceanography and Fisheries (IOR) in the Laboratory for plankton and shellfish toxicity, on April 29, 2022, students from the University of Split (University Department of Marine Studies and Natural Science) participated in laboratory activities within the framework of the Interreg project Cascade.
Speakers speeches, brief summary and conclusion:	Dr.sc. Ivana Ujević from IOR showed the students a method for preparing shellfish to determine lipophilic toxins that can cause digestive disorders after consumption. After preparation of shellfish, the determination of lipophilic toxins was monitored using a liquid chromatogram mass spectrometer.
Role of CASCADE partner in the event:	Organisation and presentation of laboratory activities
Type of audience/target groups involved:	Students

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public		
Local, regional and national public authorities		
Associations		
NGOs		
Education and training	8	Students from the University of Split (University Department of Marine Studies and Natural Science)

organizations as well as universities and research institutes		
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Annexes:

- Photos from events (it is preferable to have few photos where CASCADE logo is visible - on presentation, poster, roll-up, promotional materials etc.),
- Screenshots, Invitation, Agenda, Minutes, Participation list (if available), Abstract, etc.

Explanation:

By the end of project, in LIBRARY and TOOL section of project website must upload:

- Reports of all meetings,
- Reports of all events organized (local events, etc.),
- Reports of participation in external events,
- PDF versions of promotional materials,
- Reports with links to websites, media relations and press releases issued.

Annexe 1:

- Photos from scientific training



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Work Package:	<i>5. Pilots for endangered species restoration and Integrated coastal/marine management system</i>
Activity	<i>5.4 - Ocean literacy toolkit and events</i>
Deliverable:	<i>5.4.3 - Local events (guided tours and scuba diving for general public for scientific, tourist and recreational purposes; Laboratories and didactical activities for schools)</i>

Project Partner:	PP13: University of Molise
Name of event:	Gli scenari futuri di oceani, mari e coste: le risorse per l'alimentazione e la fruizione turistica
Date:	March 2022
Event type:	<ul style="list-style-type: none"> - Laboratory for schools - Organized event
Event venue:	P7: <ul style="list-style-type: none"> - Termoli (Molise) - Campobasso (Molise)
Short description of the event:	The laboratories involved students in the fifth grades of secondary schools in a discussion on the topics of knowledge of marine and coastal environment.
Speakers speeches, brief summary and conclusion:	The main topic discussed during focus group (coordinated by prof. Maria B. Forleo and Dr. Marilena Bredice) and contained in the survey completed by the students was: the oceans and their values, the resources of oceans and seas for human consumption, and the tourism that marine/coastal resources allow them to enjoy.
Role of CASCADE partner in the event:	The initiative aimed to raise awareness and create consciousness in young people on the topics of Ocean Literacy, sustainable development and preservation of our planet's resources.
Type of audience/target groups involved:	<ul style="list-style-type: none"> - Students - Teachers

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public	582	Students in the fifth grades of secondary schools
Local, regional and national public authorities		

Associations		
NGOs		
Education and training organizations as well as universities and research institutes		

Annexes:

- Photos from events





- Invitation letter

d'Istruzione Superiore "Pertini – Montini – Cuoco" di Campobasso; Liceo Scientifico Statale "A. Romita" di Campobasso; Liceo Statale "G.M. Galanti" di Campobasso; Istituto d'Istruzione Superiore "M. Pagano" di Campobasso.

- Number of survey respondents



Survey scuole CASCADE_scuole Campobasso

Domande Risposte 456 Impostazioni

456 risposte

Accetta risposte

Riepilogo Domanda Individuali

< 1 di 456 >

Le risposte non possono essere modificate

GLI SCENARI FUTURI DI OCEANI, MARI E COSTE: LE RISORSE PER L'ALIMENTAZIONE E LA FRUIZIONE TURISTICA

Gentili studenti,
nell'ambito di un progetto europeo dal nome CASCADE, l'Università degli Studi del Molise sta conducendo un'indagine sull'opinione dei giovani circa il valore attribuito agli oceani e alle loro prospettive future.
Il questionario è strutturato in diverse sezioni che riguardano:

- la conoscenza degli oceani e dei loro valori
- le risorse di oceani e mari destinate all'alimentazione umana

22 risposte

Accetta risposte

Riepilogo Domanda Individuali

1 di 22

Le risposte non possono essere modificate

GLI SCENARI FUTURI DI OCEANI, MARI E COSTE: LE RISORSE PER L'ALIMENTAZIONE E LA FRUIZIONE TURISTICA

Genili studenti,
nell'ambito di un progetto europeo dal nome CASCADE, l'Università degli Studi del Molise sta conducendo un'indagine sull'opinione dei giovani circa il valore attribuito agli oceani e alle loro prospettive future.
Il questionario è strutturato in diverse sezioni che riguardano:

- la conoscenza degli oceani e dei loro valori
- le risorse di oceani e mari destinate all'alimentazione umana

104 risposte

Accetta risposte

Riepilogo Domanda Individuali

1 di 104

Le risposte non possono essere modificate

GLI SCENARI FUTURI DI OCEANI, MARI E COSTE: LE RISORSE PER L'ALIMENTAZIONE E LA FRUIZIONE TURISTICA

Genili studenti,
nell'ambito di un progetto europeo dal nome CASCADE, l'Università degli Studi del Molise sta conducendo un'indagine sull'opinione dei giovani circa il valore attribuito agli oceani e alle loro prospettive future.
Il questionario è strutturato in diverse sezioni che riguardano:

- la conoscenza degli oceani e dei loro valori
- le risorse di oceani e mari destinate all'alimentazione umana

- Event poster



FOOD AND TOURISM FROM THE OCEANS

Laboratorio con i giovani



Marzo 2022

Laboratorio rivolto alle classi quinte delle scuole secondarie di secondo grado del Molise.

Il laboratorio si propone di affrontare i seguenti temi:

- la conoscenza degli oceani e dei loro valori
- le risorse di oceani e mari destinate all'alimentazione umana
- il turismo che le risorse marino/costiere consentono di fruire.

I laboratori saranno coordinati dallo staff CASCADE (prof.ssa Maria B. Forleo e dott.ssa Marilena Bredice) con la collaborazione dei docenti degli Istituti coinvolti.

Per ulteriori informazioni è possibile rivolgersi a m.bredice@studenti.unimol.it

Partner di Progetto:



UNIVERSITÀ
DEGLI STUDI
DEL MOLISE

Partner Associati:



Torre
del Cerrano
Area Marina Protetta

Progetto CASCADE (CoAStal and marine waters integrated monitoring systems for ecosystems protection AnD management) - INTERREG V-A Italy-Croatia CBC 2014-2020 European Regional Development Fund



Interreg
Italy - Croatia
CASCADE



- Press release

<http://envixlab.unimol.it/laboratorio-cascade/>

<https://www.facebook.com/107837484810983/photos/a.116800057248059/284232523838144/>

Explanation:

By the end of project, in LIBRARY and TOOL section of project website must upload:

- Reports of all meetings,
- Reports of all events organized (local events, etc.),
- Reports of participation in external events,
- PDF versions of promotional materials,
- Reports with links to websites, media relations and press releases issued.

2014 - 2020 Interreg V-A
Italy - Croatia CBC Programme
Call for proposal 2019 Strategic

**CoAStal and marine waters integrated monitoring systems for
ecosystems proteCtion AnD managemEnt
CASCADE**

Priority Axis: Environment and cultural heritage
Specific objective: Improve the environmental quality conditions of the sea and coastal area by
use of sustainable and innovative technologies and approaches

Event follow up report

Work Package:	<i>5. Pilots for endangered species restoration and Integrated coastal/marine management system</i>
Activity	<i>5.4 - Ocean literacy toolkit and events</i>
Deliverable:	<i>5.4.3 - Local events (guided tours and scuba diving for general public for scientific, tourist and recreational purposes; Laboratories and didactical activities for schools)</i>

Project Partner:	PP13: University of Molise
Name of event:	Gli scenari futuri di oceani, mari e coste: le risorse per l'alimentazione e la fruizione turistica
Date:	21-22/04/2022
Event type:	<ul style="list-style-type: none"> - Laboratory for schools - Organized event
Event venue:	P10: <ul style="list-style-type: none"> - Pineto and Atri - Teramo
Short description of the event:	The laboratories involved students in the fifth grades of secondary schools in a discussion on the topics of knowledge of marine and coastal environment.
Speakers speeches, brief summary and conclusion:	The main topic discussed during focus group (coordinated by prof. Maria B. Forleo and Dr. Marilena Bredice) and contained in the survey completed by the students was: the oceans and their values, the resources of oceans and seas for human consumption, and the tourism that marine/coastal resources allow them to enjoy.
Role of CASCADE partner in the event:	The initiative aimed to raise awareness and create consciousness in young people on the topics of Ocean Literacy, sustainable development and preservation of our planet's resources.
Type of audience/target groups involved:	<ul style="list-style-type: none"> - Students - Teachers

Target groups (AF Section F)	Target groups reached in this event	Details of involved target
General public	86	Students in the fifth grades of secondary schools
Local, regional and national public authorities		

Associations		
NGOs		
Education and training organizations as well as universities and research institutes		

Annexes:

- Photos from events





- Invitation letter

- Number of survey respondents

Survey scuole CASCADE_Abruzzo AMP     

Domande Risposte **86** Impostazioni

86 risposte  

Accetta risposte

Riepilogo Domanda Individuali

< 1 di 86 >  

Le risposte non possono essere modificate

GLI SCENARI FUTURI DI OCEANI, MARI E COSTE: LE RISORSE PER L'ALIMENTAZIONE E LA FRUIZIONE TURISTICA

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GUIDED TOURS AND LABS WITH STUDENTS

Gli scenari futuri di oceani, mari e coste



21 e 22 aprile 2022 ore 9:00 – 13:00



Area Marina Protetta Torre Cerrano

Laboratorio rivolto alle classi quinte delle scuole secondarie di secondo grado dell'Abruzzo.

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UNIVERSITÀ
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DEL MOLISE

In collaboration with:



Torre
del Cerrano
Area Marina Protetta

Partner:



Progetto CASCADE (CoAStal and marine waters integrated monitoring systems for ecosystems protection and management) - INTERREG V-A Italy-Croatia CBC 2014-2020 European Regional Development Fund



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- Press release

<http://envixlab.unimol.it/eventi-cascade-a-torre-del-cerrano-aprile-2022/>

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