

Queremos Tornar a Lusófona + Verde

O nosso objetivo enquanto Instituição e comunidade
é tornar o nosso campus UM SÍTIO + SUSTENTÁVEL.

*"O maior de todos os erros é não fazer nada só
porque se pode fazer pouco. Faça o que lhe for possível.*

Sydney Smith



LUSÓFONA
Verde

Relatório 2019-2022

LUSÓFONA VERDE REPORT

SUSTAINABILITY AND COMMUNITY CONNECTION

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Introduction

Over the past few years, Universidade Lusófona and its Faculty of Engineering have organized different activities, on and off campus, with the main objective of raising awareness, alerting, and encouraging changes in behavior in relation to the environment.

Among the activities carried out, we highlight Lectures, Workshops, Seminars, Conferences, Technical Outings and Awareness

Activities that had the purpose of complementing the knowledge acquired by the students of the Faculty of Engineering, and strengthening the connection of the Lusophone University to the community in which it operates, namely, by raising awareness and disseminating good practices that contribute to reducing our ecological footprint.

Lusófona University remains committed to informing and training its community of students, professors and students, as well as all external audiences, on issues related to the impact of climate change in the world, encouraging a change in behavior and informed about responsibility that each one of us has changing mentalities and respect for the planet.

One of the most important activities that the University carries out is the "change of attitudes and behaviors"

We highlight:

Use glass bottles

The University will no longer use plastic bottles and cups in conferences, thesis and dissertation defenses. We use glass bottles that will be filled and reused.

Vending Machines

The vending machines available at the university are being adapted to provide only recyclable cups and straws.

Water Dispensing Machines

We are studying, together with the companies that supply the machines and the demijohns, the best way to use recyclable cups for visitors and encourage employees to use glass bottles or others of equal durability.

Machines connected to the current drinking water have already replaced several demijohns water machines and offered reusable bottles to all employees.

Recycle

The University has several Eco points placed throughout the campus so that everything that cannot be reused can be recycled.

Reduce

University is changing all campus bulbs to LED bulbs.

During 2019, the university placed photovoltaic panels on the campus that will produce all the electrical energy necessary for its operation, making us self-sustainable.

The University continues dematerialization. All students' works, dissertations, theses, etc. must be submitted via Moodle and CD's and DVD's will not be delivered. Also, our services will be started to dematerialize the processes, printing only the tax by law or regulated.

Electric Mobility

The University is central to the entire public transport network, is at the heart of the electric and ecological mobility project in the city of Lisbon and already has two fast charging stations for electric vehicles connected to the MOBI.E network.

Sustainability

The UPAC - production unit for self-consumption - of Universidade Lusófona entered into production on December 30, 2019. This unit for the production of electricity from solar energy represents a major investment by the University in reducing its carbon footprint by guaranteeing the production of almost all electricity consumed on campus through renewable energies, in this case using a solution based on photovoltaic panels. In 2021 and 2022 we implemented two more UPAC units.

Eco-Eschools flag

FE_Lusófona Faculty of Engineering awarded as an ECO-SCHOOL (2021; 2022 and 2023)! The work developed throughout 2021 by the team of the Eco-Schools Council, of the Faculty of Engineering, of Universidade Lusófona, congratulated by ABAE with an excellent evaluation. According to the shared assessment, an excellent work of education and environmental management for sustainability carried out, with great effort, despite the constrictions of the pandemic, fulfilling the proposed goals.

Lusófona University start the academic year with the campaign #Zero Waste don't forget to: Reduce; Recycle; Respect, Accountability; Report and Form.

Example of events related to environment and sustainability hosted or organized by the University in the academic year 2020-2022.

Total number of sustainability/environment related events in:

2020: 23

2021: 4

2022: 6

A total average per annum over the last 3 years of 33 events (e.g. conferences, workshops, awareness raising, practical training, etc.).

Additional evidence link <https://www.ulusofona.pt/en/green-lusofona>

Sustainability Events

Event	Description	Partners	Target	Responsible	Date / Period	Photos
Project in progress	PRIMROSE - Forecasting Risk and Impact of Harmful Events in the Aquaculture Sector (INTERREG EAPA_182 / 2016)			Matthew Mark	2017/2020	
Project in progress	PiscisMod - Roadmap for environmental sustainability and optimization of energy efficiency in fish farming (MAR2020).			Marcos Mateus (at Instituto Superior Técnico)	2018/2020	
Review of an article for publication in a book.	Review of Management Education for a Sustainable World from the book Teaching and Learning Practices that Promote Sustainable Development and Active Citizenship.	IGI Global, eEditorial Discovery		Isabel Abreu dos Santos	2020	

Sustainability and Citizenship	A look at national strategies aimed at converging towards a better society	Synergies Magazine		Isabel Abreu dos Santos, Lia Vasconcelos, Albertina Raposo	2020	
World Wetlands Day	Participation, at the invitation of ICNF, in the activities of the World Wetlands Day, with the promotion of a walking trail in the Lagoas de Santo André e Sancha Nature Reserve with the theme "A story around the Bio and Geodiversity of Lagoa de Santo André . "	ICNF		Anabela Cruces	February 2, 2020	
Communicate the Science	Build a scientific article	MARE-NOVA, FCT		Isabel Abreu dos Santos	June 16, 2020	
sample	Coordination and facilitation of focus groups for Environmental Engineering students; interconnection of two institutions: ULHT, IPBeja.	ULHT, IPBeja		Isabel Abreu dos Santos	July 2020	
Futures of Education	Worldwide consultation by UNESCO: joint action ULHT (Lusophone University of Humanities and Technologies) and IPB (Polytechnic Institute of	ULHT, IPBeja		Isabel Abreu dos Santos	July 2020	

	Beja). Focus Group Environmental Engineering Students, «Let's think about the "Futures of Education"?»					
Education in 2050	A vision co-constructed with Environment students. IV International Congress on Education, Environment and Development.	I Polytechnic Institute of Leiria		Isabel Abreu dos Santos, Anabela Durão, Albertina Raposo	November 11th to 14th, 2020	
siliqua keratonia	Participation in the project Assessment of the bioactive potential of carob products	UNL / FCT		Elisabete Maurício		
	Project in collaboration with FCT / UNL and the company beecaramulo to evaluate the potential of application of national propolis in antimicrobial and sustainable products	Beecaramulus FCT / UNL		Elisabete Maurício		
Valorization and reclassification of Ginja de Óbidos waste into by-products for use in the food and pharmaceutical industry	Project in association with the Municipality of Óbidos, Frutóbidos, Lda food company producing liqueurs and Elisa Câmara, Lda, for submission to the Portuguese Environment Agency, IP of the Ministry of Agriculture, Sea,	Óbidos City Council, Frutóbidos, Elisa Câmara		Elisabete Maurício		

	Environment and Spatial Planning.					
Mobilization of the EU Technical Assistance Mechanism	For a mission to support the Government of Seychelles in the development of a revised and more ambitious 2020 NDC under the Partnership's CAEP, Seychelles	government of Seychelles		Luís Alves		
Development of EDM (Electricity of Mozambique)	Renewable Energy Strategy 2020-2025, Mozambique	Mozambican electricity		Luís Alves		
Preparation of the Program d'appui de l'EU à la Tunisie	Preparation of the EU Support Program for Tunisia and preparation of the ToR for the Technical Assistance that will accompany the programme, Tunisia.	Technical Assistance - Tunisia		Luís Alves		
I Mitigo, and you mitigated today?	Design and production of the digital audiovisual application on the subject of Climate Change "I Mitigo, and today you attenuated?"			Candida Rocha		
Montijo Airport - solution or bad decision?	Organization of the Seminar "Montijo Airport - a solution or a bad decision?"; organization of			Candida Rocha; Anabela Cruces; Isabel		

	integrated activities in the “Climate Week”; Organization of film/environmental debate sessions.			Abreu dos Santos		
Cost and Efficiency of Water Distribution Systems in the AMEGA Geographic Area	Organization of the Seminar / Debate on “Cost and Efficiency of Water Distribution Systems in the Geographical Area of AMEGA” which took place at the Palácio dos Marqueses da Praia and Monforte in Loures.			Adelino Silva Soares		
Project in progress	Mobilization of the EU Technical Assistance Facility (TAF) for a mission to support the Government of Seychelles in the development of a revised and more ambitious 2020 NDC under the CAEP Partnership, Seychelles			Luís Alves		
Project in progress	Development of the EDM Renewable Energy Strategy (Electricidade de Moçambique) 2020-2025, Mozambique			Luís Alves		
Project in progress	Préparation du Program d'appui de l'EU à la Tunisie,			Luís Alves		

	et de rédaction des TDR de l'Assistance Technique d'accompagnement du program, Tunisia.					
Other activities	Organization of the Seminar / Debate on the “Cost and Efficiency of Water Distribution Systems in the Geographical Area of AMEGA” held in the Marqueses da Praia and Palácio Monforte in Loures			Adelino Silva Soares		
European Heritage Days	<p>As part of the European Heritage Days is ours (24th September to 3rd October), the Plastic Arts Seminar/webinar/exhibition was held “Tejo – Cultural Heritage with Meaning - Past and Present Contributions to Economic Sustainability and O</p> <p>Development of the Riverside Territories, on the 2nd of October, where, by invitation, he gave the lecture “Valuing and preserving the natural heritage of the Tagus – past, present, future”,</p>	40		<p>Anabela Cruces</p> <p>Alpiarça City Council</p> <p>Patudos House - Alpiarça Museum</p> <p>AIP Foundation - Portuguese Industrial Association</p> <p>AEBB - Business</p>	10/03/2021	Access

	<p>which took place in Alpiarça – Casa dos Patudos Auditorium – Alpiarça Museum .</p>			<p>Association of Beira Baixa</p> <p>José Relvas Foundation</p> <p>Ernesto Lourenço Estrada Foundation, Children</p> <p>Lusófona University – Faculty of Engineering</p> <p>CIEJD - Jacques Dellors European Information Center (Ministry of Business Foreigners)</p> <p>APCOR - Portuguese Cork Association</p> <p>SOFALCA - Sociedade</p>		
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				<p>Central de Produtos de Cortiça, Lda.</p> <p>TAGUS-PVC, Lda. (PVC Windows and Doors)</p> <p>Alpiarça Parish Council</p> <p>Envolve Association (Rossio to the South of the Tagus – Abrantes)</p> <p>AIDIA - Independent Association for the Integrated Development of Alpiarça</p>		
REALP Meeting-Network for Environmental Studies of Portuguese-Speaking Countries	Oral communication Local responses to global environmental challenges: Water resource management. XXII REALP Meeting-Network for Environmental Studies of Portuguese-Speaking		Cabo verde	<p>REALP</p> <p>Isabel Abreu dos Santos (ULHT)</p>	29 Nov-2 Dec.	

	Countries, Cape Verde, Praia, 29 Nov-2Dec.					
II International Congress Humanism, Human Rights and Citizenship	Oral communication. "Collaborative Constructions for Sustainability: A Critical Reflection", II International Congress Humanism, Human Rights and Citizenship,		Lusophone University of Humanities and Technologies (ULHT)	Isabel Abreu dos Santos (ULHT)	October 28-29.	
participatory session of the "Municipal Waste Plan of the City of Lisbon 2020-30	participatory session of the "Municipal Waste Plan for the City of Lisbon 2020-30: Co-building a vision," Session with CML technicians, February 25, 2021.MARE		NOVA University Lisbon..	Isabel Abreu dos Santos (ULHT) Facilitator, participatory session of the "Municipal Waste Plan of the City of Lisbon 2020-30: Co-building a vision,	February 25, 2021	
11th International Aerosol Conference (IAC 2022)	Joana Lage	Speaker and participant	Online (Athens, Greece)	Presentation of a scientific poster, with a	September 2022	

				<p>short oral presentation.</p> <p>Dissemination of scientific work on the development of methodologies for assessing vertical profiles using UAVs.</p>		
<p>R&D project - To-SEAlert - Overtopping and flooding in coastal and harbour areas: Tools for a forecasting and warning system, emergency</p>	<p>Isabel Abreu dos Santos</p>	<p>Researcher Team member</p>	<p>Portugal - Foundation for Science and Technology (2022-2023)</p>	<p>Overtopping and flooding in coastal and harbour areas/ emergency planning and risk management</p>	<p>2022/2023</p>	

planning and risk management						
Nature Mission 22	Isabel Abreu dos Santos	Participation in group dynamics workshops / participatory and collaborative sessions, Partial Reports and Final Reports	Portugal ICNF. UNL/FCT	Nature Conservation and Biodiversity	May 2022 to May 2023	
12th FORGES conference (Forum for Higher Education Management in Portuguesespeaking Countries and Regions	Isabel Abreu dos Santos	Speaker	University of Cape Verde (online)	Challenges of Higher Education in New Social and Geopolitical Contexts The relevance of	23 to 25 November 2022	

				educating for hope in a better world - reflections based on evidence gathered in a higher education context		
16th International Conference LITTORAL 22 "Adapt our Coast for a Sustainable Future"	Isabel Abreu dos Santos	Speaker Table participation and coordination	Portugal Nova University/ School of Science And Technology	Coastal communities: global citizenship strategies	12-16 September 2022	
14th International Circular Economy Week	Cândida Rocha; Adília Charmie	Participants	Germany	Circular Economy	9 to 13 October 2022	

Campus Activities

Event	Date / Period	Courses	Photos
Lecture - by Eng. João Pedro Serrenho (Águas do Tejo Atlântico SA) entitled: "VIRA" mentalities	01/17/2020	Bachelor's and Master's Degree in Environmental Engineering	Access
Class - taught by Professor Anabela Cruces, (FE-ULHT) entitled: Sampling Methods and Sediment Quality in Lagoon and Estuarine Environments (case studies in Portugal).	01/24/2020	Bachelor's and Master's Degree in Environmental Engineering	Access
Lecture - given by Eng. Celeste Jorge (LNEC) entitled: Assessment of areas contaminated with explosives.	02/14/2020	Bachelor's and Master's Degree in Environmental Engineering	Access
Lecture - given by Dr. Vitor Encarnação entitled: Management of environmentally sensitive areas - classified areas.	04/14/2020	Degree in Environmental Engineering	Access
Lecture - Delivered by Dr. João_Carlos_Farinha, entitled: How to value our Conservation Units? Manage with people!	04/21/2020	Degree in Environmental Engineering	Access
Class - Presentation session of the Order of Technical Engineers (for students and professors of FE - ULHT)	05/26/2020	FE - ULHT	

Film Session - Erin Brockovich	04/17/2020	FE - ULHT	Access
Movie Session - An Inconvenient Sequel to Truth to Power	05/09/2020	FE - ULHT	Access
Film Session - Extraordinary Garbage	05/16/2020	FE - ULHT	Access
Virtual visit to the Lousal mine Talk about the impacts of mining activity and how to proceed with the remediation of former sulfide exploration areas	06/09/2020	Bachelor's and Master's Degree in Environmental Engineering Degree in Civil Engineering	Access
Class taught by Dr. Pedro Duarte (Geologist, Technical Director of Águas das Caldas de Penacova and Environmental Consultant in Portugal and Angola) entitled: Underground Water Resources. The importance of its preservation.	10/01/2020	Bachelor's and Master's Degree in Environmental Engineering	Access
Lecture - by Eng. Diana Loureiro (Azambuja City Council) entitled: Environmental challenges in small municipalities	10/01/2020	Bachelor's and Master's Degree in Environmental Engineering	Access
Lecture on “The importance of the natural values of Paul de Manique and the sustainable management of Geo and Biodiversity resources”. Framework lecture on Paul de Manique do Intendente, where the natural values of Bio and Geodiversity were highlighted, preparing Visual Arts students for Field in Nature classes.	10/11/2021	Lecture for students of the 1st cycle of Visual Arts - ULHT	
Lecture entitled for students of the 2nd year of the Design course at ECATI – ULHT, within the scope of the event Other Delli Week #4: Unnatural 06-10 Dec.2021 Lecture entitled: “O Bunho do, Paul de Manique – nature and art”. Make known the natural values of Paul de Manique do Intendente. Make known the natural values associated with the art of working Bunho.	12/06/2021	Lecture by invitation at the event “Other Delli Week #4 Unnatural (ECATI – ULHT)	Access

<p>Promote the territory through art that works with regional resources.</p>			
<p>The biological garden started in the 2020/2021 school year, in which 76 m2 of a previously abandoned land was revitalized, was recovered and maintained, with the active participation of CEE students and teachers.</p> <p>This space was joined by another flower bed, where it was possible to plant some plant species, which were planted and maintained with the help of students and teachers of the plant biology and physiology chair. The seeds before planting and plants after being harvested were analyzed by the students in class. With this plantation, it is intended to use the plants within the scope of the disciplines and also to instill awareness of the correct use of biological culture techniques.</p>	<p>March 2021_to date</p>	<p>Faculty of Engineering</p>	<p>Access</p>
<p>Replanting of new species in the small organic garden</p> <p>During the months of March to June, the students of the council and the coordination of Eco-Escolas FE had the opportunity to carry out the replanting of new species in the small biological garden on the campus. The plants chosen were mainly aromatic and some legumes, such as sage, lavender, thyme, green beans and tomato.</p> <p>Students also participated in an awareness-raising activity on the identification and use of aromatic plants in pest control in organic farming</p>	<p>March 2021_to date</p>	<p>Faculty of Engineering</p>	<p>Access</p>
<p>Composting at the University</p> <p>Beginning of the composting process at Universidade Lusófona by the Eco-Schools Team of the Faculty of Engineering of Universidade Lusófona.</p> <p>It was possible to implement a composter next to the vegetable garden, which aims to value the organic waste that is produced in large quantities in the campus canteens and transform them into nutrient-rich compost, suitable for fertilizing the organic vegetable garden.</p>	<p>March 2021_to date</p>	<p>Faculty of Engineering</p>	<p>Access</p>

<p>tree planting</p> <p>On the 7th of June, as a result of the celebration of the Environment week, the students of the eco-schools council had the opportunity to plant 5 trees of the <i>Cercis siliquastrum</i> (Olaia) species on the Lusófona University Campus.</p> <p>This action aimed to make students aware of the importance of the diversity of native species and the presence of green areas in the university space.</p>	<p>07 June 2021 to the date</p>	<p>Faculty of Engineering Environmental engineering</p>	<p>Access</p>
<p>Geopath and biodiversity on the university campus</p> <p>The Lusófona University Campus has numerous geological materials within the Campus. In order to know the types of geological resources and how they were applied, a survey was carried out within the University Campus where it was possible to trace a path of 1.1 km.</p> <p>This work was developed by students of Civil Engineering and Environment at within the subject of general geology and applied spatial planning.</p>	<p>March 2021_to date</p>	<p>Faculty of Engineering Civil and environmental engineering</p>	
<p>Biodiversity and identification of trees on the university campus</p> <p>The students developed field research work on the biodiversity of existing trees on campus, in order to quantify and identify the main existing species.</p> <p>With the help of the Google Earth Pro tool, the perimeter of the beds and the points where the trees are located were marked.</p> <p>This work was developed by students of Civil Engineering and Environment at within the scope of the subject general and applied geology and spatial planning</p>	<p>March 2021_to date</p>	<p>Faculty of Engineering Civil and environmental engineering</p>	
<p>Biodiversity and identification of birds on the university campus</p>	<p>March 2021_to date</p>	<p>Faculty of Engineering</p>	

<p>Within the scope of the subject of spatial planning and the Eco-Schools program, a lecture was promoted followed by a visit to identify species and biodiversity on the university campus. The lecture and visit held on April 7th was conducted by ornithologist Vitor Encarnação from the Institute for the Conservation of Nature and Forests</p>		<p>Civil and environmental engineering</p>	
<p>MAPeAR Project</p> <p>In the 2021/2022 school year, participation in the MAPeAR project continued. In this sense, the equipment provided by ASPEA (Portuguese Association of Environmental Education) remains in the same location to obtain a continuous assessment of the quality of the outdoor air in the area with the most exposure to traffic, on the Lusófona campus.</p> <p>Given the atmospheric changes felt, namely the influence of particles from the Sahara desert in the Lisbon region (and at a national level), data obtained by monitoring equipment were analyzed and analyzed/discussed in the context of the classroom, at the UC Pollution (1st cycle) and UC Air Quality Management (2nd cycle)</p>	<p>20/21 to date</p>	<p>Faculty of Engineering Civil and environmental engineering</p>	<p>Access</p>
<p>Seminar “Contribution of geothermal energy to the thermal performance of buildings”</p> <p>lecture organized by the faculty of engineering, open to the entire academic community under the theme “contribution of geothermal energy to the thermal performance of buildings”</p>	<p>3 November 2021</p>	<p>the whole community</p>	
<p>Replacement of conventional fluorescent lamps with LED lighting</p> <p>In order to reduce energy consumption and become more sustainable, Universidade Lusófona started last year to replace high consumption light bulbs with low consumption LED light bulbs, through the relamping process.</p>	<p>March to the date</p>	<p>the whole community</p>	<p>Access</p>

<p>This procedure essentially consists of replacing the fluorescent lamps, maintaining the original lamp, with lamps with more durable LED (Light Emitting Diode) technology, thus contributing to an effective reduction of approximately 90% in total energy consumption.</p> <p>This year we managed to replace the light bulbs in the FE coordination building. This action is intended to apply to all non-efficient light bulbs on campus</p>			
<p>Awareness action on energy saving in Lusófona</p> <p>Awareness-raising action on energy consumption management among college students, where it was possible to demonstrate the operation of the energy consumption measurement equipment and visualize the different consumption profiles of electrical equipment on the FE electrical panel. The students also had the opportunity to watch a small demonstration of consumption with incandescent lamps vs. led lamps.</p>	<p>March to the date</p>	<p>the whole community</p>	

Community Sustainability Services

Action	Description	partners	target	Responsible	Date / Period	Photos
Climate change awareness actions	Actions carried out under the CLIMACT and LIFE INDEX AIR projects, in several schools in the municipality of Loures	Loures City Council	community schools	Joana Lage	2017/2019	
Environmental characterization of Paul de Manique do Intendente	Works associated with the development of the UC Environmental Engineering Project (3rd year).	Municipality of Azambuja - Environment and Urban Services Sub-Unit (SASU of the Infrastructure and Municipal Works Division of the Azambuja City Council - DIOM); Manique do Intendente Parish Union, Vila Nova de São Pedro, Massa; Integrated Basic School of Manique do Intendente; House of the Intendant of the People of Manique; ICNF; 1st Cycle of Biology at the School of Psychology and Life Sciences (ULHT)	Students of the UC Environmental Engineering Project	Anabela Cruces, Elisabete Maurício Environmental Engineering	2nd Semester (2019)	Access

<p>Drought impacts on agriculture in Cape Verde from 1990 to 2018</p>	<p>Works associated with the development of the UC Environmental Engineering Project (3rd year).</p>	<p>Ministry of Agriculture and Environment of Cape Verde; INMG: National Institute of Meteorology and Geophysics of Cape Verde; INECV: National Institute of Statistics of Cape Verde; GTISA: Intermunicipal Technical Office of Santo Antão; Municipalities of the target islands of the study.</p>	<p>Students of the UC Environmental Engineering Project</p>	<p>Luís Alves environmental engineering</p>	<p>2nd Semester (2019)</p>	
<p>Technical Product - Monitoring of water / sediment quality, bio and geodiversity of Paul de Manique do Inendente (Azambuja)</p>		<p>Bachelor's and Master's Degree in Environmental Engineering</p>			<p>05/10/11 2019</p>	
<p>Technical Product - Visit to the Lousal Mine and the</p>		<p>Bachelor's/Master's Degree in Environmental Engineering Degree in Civil Engineering</p>			<p>06/15/2019</p>	<p>Access</p>

Ciência Viva Center						
weather week	Various initiatives in Climate Week		All	Anabela Cruces Candida Rocha	September 20th to 27th / 2019	Access
Production of ecological posters	Activity in partnership with students of the Visual Arts course to prepare posters to be used in the Climate Week march		courses	Anabela Cruces Agnes Marques	09/23/2019	Access
Social and community development projects;	<p>SCIENCE VIVA IN THE SUMMER PROGRAM / 2019</p> <p>1. Between the mountains and the plain, geological aspects in the municipality of Azambuja;</p> <p>2. Bio and Geodiversity of Paúl de Manique do Intendente;</p> <p>3. The importance of SER Rio Tejo (Azambuja - Cartaxo).</p> <p>and accompanies an action proposed by the Knowledge Pavilion - Ciência Viva in partnership with the Portuguese Society for the Study of Birds - "Lagoa de Albufeira - a 5,000-year-old girl"</p>	<p>Lousal Science Center</p> <p>Pavilion of the Portuguese Knowledge Society for the Study of Birds</p> <p>Municipality of Azambuja</p>			September 2019	

Creation of technological platforms, business clubs or other structures that provide cooperation with society	Increase in Mean Sea Level and RISK of Flooding of Coastal Areas	FCUL		Professor Doctor Carlos Antunes	11/22/2019	
	Atmospheric pollution: monitoring and control	FE-ULHT		teacher Dr. Joana Lage	11/29/2019	
	Changing social perceptions - the role of environmental education	FE-ULHT		Prof. Doctor Candida Rocha	12/06/2019	
	STUDY OF A WASTE DEPOSIT IN THE HEAP OF THE FORMER SÃO PEDRO DA COVA MINE Methodology, Procedures and Evaluation	FE-ULHT and LNEC		Eng. Antonio Roque	12/13/2019	
	Environmental Awareness - Valor Sul Eco-events	Southern Value		Engineer Daniela Abreu	12/06/2019	
	Underground Water Resources, the importance of their preservation			Dr. Pedro Duarte	10/01/2020	
	Environmental challenges in small municipalities	Municipality of Azambuja		Engineer Diana Loureiro	10/01/2020	
	"Transform" mentalities, wastewater treatment and use	Aguas do Tejo Atlântico SA		Engineer João Pedro Serrenho	01/17/2020	
	Management of Ecologically Sensitive Areas Classified Areas	ICNF		Dr. Vitor Encarnação	04/14/2020	
	How to value our Protected Areas? Manage with people!	ICNF		Dr. João Carlos Farinha	04/21/2020	
Social and community	Accredited training actions (Continuous Teacher Training)				February to June 2020	

development projects;						
field classes	Field classes with 7th and 8th grade classes from the Azambuja School, to assess the environmental status of the streams next to the school.	Azambuja School Group	7th and 8th grade students	Anabela Cruces	02/13/2020 02/17/2020	Access
Works associated with the development of the UC Environmental Engineering Project (3rd year).	“Identification, environmental characterization and conductivity of the Tagus River, in the sector between Valada do Ribatejo (Cartaxo) and Vila Nova Da Rainha (Azambuja)”.	Partnership with EPAL - Valada do Ribatejo Collection Station	Students of the UC Environmental Engineering Project	Anabela Cruces	2nd Semester	
Social and community development projects;	“Evaluation and reclassification of Ginja de Óbidos waste into by-products for use in the food and pharmaceutical industry.	Óbidos City Council, Frutóbidos				
voluntary action	Voluntary action to remove agricultural plastics from the Manique do Intendente marsh	FE-ULHT; DREAMS-ULHT; Municipality of Azambuja; Parish Union of Manique do Intendente, Vila Nova de São Pedro and Maçussa; Alto de Azambuja School Group; People's House in		Anabela Cruces (Organization) Cristina Guerra, Adília Charmier, Cândida Rocha Students		Access

		Manique do Intendente; loving the planet				
Participation in the summer activities of the Ciência Viva Program	<p>5 actions proposed by the Faculty of Engineering of ULHT, entitled:</p> <ol style="list-style-type: none"> 1. From the pre-Tejo to the current Tagus: the evolution in the last thousands of years. 2. River environments: dynamics, threats to water/sediment quality, quality indicators that define their use for bathing purposes. 3. Bio and Geodiversity in Paul de Manique do Intendente (Azambuja). 4. The importance of SER Rio Tejo (Azambuja - Cartaxo). 5. Valuation of plants in Paul de Manique by the intendant for natural cosmetics. <p>Knowledge Pavilion - Ciência Viva in partnership with the Portuguese Society for the Study of Birds, entitled:</p> <ol style="list-style-type: none"> 1. Lagoa de Albufeira – a young woman with 5,000 years. 	<p>Ciência Viva – Science in the Summer Program, FE – ULHT, Municipality of Azambuja, SPEA</p>	<p>20 participants per activity 120 total</p>	Anabela Cruces	Between 1st and 15th of September 2021	

<p>Ecology day celebrations</p>	<p>Ecology day celebrations</p> <p>To mark World Ecology Day, on the 14th of September, we went to discover Paul de Manique do Intendente, to understand the importance of wetlands in the current context of climate change, revealing their natural values.</p>	<p>Municipality of Azambuja; Anabela Cruces (Geologist, University Professor – Faculty of Engineering, Universidade Lusófona, ULHT); Susana Dias (Biologist, University Professor – Center for Applied Ecology “Prof. Baeta Neves, Higher Institute of Agronomy, University of Lisbon – CEABN/ISA, UL); Vitor Encarnação (Geographer, Ornithologist – CEMPA/ICNF).</p>	<p>All students/teachers from the school grouping in the municipality of Azambuja.</p> <p>General public. (180)</p>	<p>Anabela Cruces</p>	<p>09/14/2021</p>	
<p>European Researchers' Night (NEI/2021)</p>	<p>As part of the partnership established between the Faculty of Engineering (ULHT) and the Knowledge Pavilion, several faculty members will be present at the EUROPEAN RESEARCH NIGHT, on September 24, 2021, at the Knowledge Pavilion (Parque das Nações), in representation of FE - Universidade Lusófona.</p> <p>Our professors promoted demonstration actions on their</p>	<p>Faculty of Engineering - ULHT</p>	<p>200</p>	<p>Professors Anabela Cruces, Cristina Guerra, Elisabete Maurício, Adília Charmier, Joana Lage, Pedro Carmona, Pedro Sampaio</p>	<p>09/24/2021</p>	

	<p>areas of investigation, in very varied topics:</p> <ul style="list-style-type: none"> - Soils and sediments, is this the same after all? Can they naturally constitute problems of environmental contamination? - Use of bioindicators in the detection of toxicity in ecosystems - Microbiological and physical-chemical indicators of surface waters for pollution alert - Do you know the air you breathe? - Smart factories - Development of polymeric membranes for water filtration <p>More information at: https://nei.cienciaviva.pt/2021/</p>				
<p>Short Term Action – Continuing Teacher Training</p>	<p>Short Duration Action – Continuing Teacher Training (6h)</p> <p>Hours: 10am to 1pm and 2pm to 5pm</p> <p>Format: In-person training action</p>	<p>Nature Protection League -LPN)</p> <p>(coordination)</p> <p>FE - ULHT</p> <p>FCUL</p>	<p>12</p>	<p>Anabela Cruces</p>	<p>10/23/2021</p> <p>Access Disclosure News from LPN</p>

	<p>With the aim of promoting environmental education, knowing to value the territory and providing didactic tools for teachers to carry out field trips, the LPN Training Center invited two teachers (Anabela Cruces from FE-ULHT and Conceição Freitas from FCUL) to this field trip training action in Lagoa de Albufeira with a route passing through various points of didactic interest and scientific tourism.</p>					
<p>Technical Output of the Soil Sciences and Environmental Analytical Control Units - FE - ULHT</p>	<p>Within the scope of the Soil Science CUs (2nd year) and Environmental Analytical Control (3rd year) of the Degree in Environmental Engineering, a technical output is carried out in different locations to allow the observation of different soil profiles (indigenous soils). situ and sediments. In these places, the collection of various unconsolidated materials (soil/sediment) and water is carried out, as well as the in situ evaluation of the physical-</p>	<p>FE-ULHT</p>	<p>20</p>	<p>Anabela Cruces Hilda Pablo</p>	<p>10/27/2021</p>	<p>Access</p>

	<p>chemical characterization of the different bodies of water sampled.</p> <p>During this day, students have the opportunity to get in touch with different soil profiles, in continental (Azambuja, Vialonga) and transition environments (Tejo estuary – Seixal Bay) as well as observe different types of sedimentary environments.</p> <p>The materials collected are intended for practical laboratory classes in the aforementioned disciplines, where students carry out various analyzes throughout the semester, which allows them to complement the sampling experience with the laboratory analytical component required in the practical components of the disciplines.</p>					
<p>Invited lecture for Master's students in Geological Engineering, Department of Earth Sciences (DCT), FACULTY</p>	<p>SEDIMENTS SAMPLING AND GEOCHEMISTRY</p> <p>Address the issue of sediments, classifications, textural and compositional characteristics. Sampling plans, sampling</p>	<p>Department of Earth Sciences (DCT), SCHOOL OF SCIENCE AND TECHNOLOGY FCT NOVA FE-ULHT</p>	<p>15</p>	<p>Anabela Cruces</p>	<p>11/11/2021</p>	

<p>OF SCIENCE AND TECHNOLOGY FCT NOVA</p>	<p>techniques, sedimentological and geochemical characterization. Natural geochemical signature and contamination.</p>					
<p>Field class invited by LPN with students from Escola Secundária de Azambuja</p>	<p>Field trip within the scope of the Awakening to Nature project (with support from the LPN) organized by the Biology - Geology disciplinary group of the Azambuja Secondary School.</p> <p>The students went to meet the Geo and Biodiversity of Paul de Manique do Intendente. They visited the salt pans of Rio Maior and we visited magmatic remains of Portela da Teira.</p> <p>Bringing secondary school students closer to the values of Geo and Biodiversity in the territory close to the school.</p> <p>Make known the natural values of Paul de Manique</p> <p>Understand the origin of Sal das Salinas de Rio Maior and understand the artisanal production process of this geological resource.</p>	<p>League for the Protection of Nature (LPN) Azambuja School Group FE - ULHT</p>	<p>45</p>	<p>Anabela Cruces</p>	<p>11/15/2021</p>	<p>Access LPN news</p>

	Recognize and observe traces of magmatic activity existing in Serra dos Candeeiros, in Portela da Teira.					
Live Science Club Project – Alto de Azambuja School Group	<p>Elaboration of the Project 2021/22 – 2024/25 for Clube de Ciência Viva of the Agrupamento de Escolas do Alto de Azambuja</p> <p>Create a Live Science Club in the Alto de Azambuja School Group.</p> <p>Promote experimental teaching in the area of science.</p> <p>Motivate and train teachers to streamline practical activities.</p>	Alto de Azambuja School Group FE - ULHT	All students, faculty and staff in the school cluster	Anabela Cruces	12/30/2021	
Activity at Quinta das Águias	<p>Brief description of the activity:</p> <p>The students and teachers from the Eco-Schools council had the opportunity to make a visit on Biodiversity Conservation to the eagle farm, where they were able to observe various practices that exist on the farm, which does organic farming, seed preservation and is practically self-sustaining. At the end, the students selected seeds to use in practical lessons and to sow in the organic garden. This activity</p>	Quinta das Águias	FE Students	Eco-Escolas	outubro 2022 – junho 2023	Access

Organic vegetable garden	<p>The organic vegetable garden, which began in the 2020/2021 school year, has been restored and maintained with the active participation of CEE students and teachers. This space was joined by three more beds, where it was possible to plant some plant species, which were planted and maintained with the help of the students and teachers of cell biology (Prof Patricia Branco) and plant physiology (Prof Ana Rois). The seeds before planting and the plants after harvesting were analysed by the students in class. The aim of this planting is to use the plants in the context of the subjects and also to raise awareness of the correct use of organic growing techniques. Meanwhile, in the biology laboratory, seeds are being prepared for the corn harvest. These were provided by Quinta das Águias by biologist Joana Soto.</p>		All community	Eco-Escolas	March 2023 - so far	Access
Replanting the organic garden	<p>During the months of March to June, the students of the council and the Eco-Schools FE coordinator had the opportunity to replant new species in the small organic garden on campus. The plants chosen were mainly aromatic and some legumes, such</p>		All community	Eco-Escolas	March 2023 - so far	Access

	as sage, lavender, thyme, green beans and tomatoes.					
Composting at the University	Continuation of the composting process at Universidade Lusófona by the Eco-Schools Team of the Faculty of Engineering of Universidade Lusófona. A composter has been set up next to the vegetable garden, the aim of which is to make the most of the organic waste that is produced in large quantities in the campus canteens and turn it into nutrient-rich compost, suitable for fertilising the organic vegetable garden.		All community	Eco-Escolas	March 2023 - so far	Access
Organic garden - Invasive plants	During the cleaning action in the area destined for the vegetable garden, an invasive plant was identified, called cortadera or erva das pampas, commonly known as plumas. In this area it is important to isolate and dispose of it properly, so as not to encourage the spread of its seeds and prevent it from reproducing.		All community	Eco-Escolas	March 2023 - so far	Access
Geopath on the university campus	The Lusófona University Campus has numerous geological materials within it. In order to find out about the types of geological resources and how they were used, another survey was carried out within the University Campus, where it was		All community	Eco-Escolas	March 2023 - so far	Access

	<p>possible to work with the students.</p> <p>This work was carried out by the Civil Engineering and Environmental Engineering students as part of their general and applied geology course and was supported by Professor Anabela Cruces.</p>					
<p>Biodiversity: identifying flora on campus</p>	<p>As last year, the students carried out field research into the biodiversity of trees on campus, in order to quantify and identify the main species present.</p> <p>Using the Google Earth Pro tool, they marked the perimeter of the flowerbeds and the points where the trees are located.</p> <p>This work was carried out by the Environmental Engineering students as part of their spatial planning course and was supported by Professor Anabela Cruces.</p>		All comunity	Eco-Escolas	March 2023 - so far	Access
<p>Bird Biodiversity and Identification - Lecture</p>	<p>As part of the spatial planning subject and Eco-Schools program, a lecture was held followed by a visit to identify bird species and biodiversity on the university campus. The lecture and visit on May 25 was led by ornithologist Vitor Encarnação from the</p>		All comunity	Eco-Escolas	March 2023 - so far	Access

	Institute for Nature Conservation and Forests and was supported by teacher Anabela Cruces.					
Air pollution and indoor air quality	<p>As part of the Air Quality Management course in FE's master's programme in Environmental Engineering, the students carried out research, critical analysis and processing of real air quality data.</p> <p>In assignment 1, the students were able to understand the importance of assessing outdoor air quality, obtaining a characterisation of air quality in Portugal.</p> <p>In this assignment, the students statistically analysed official databases from monitoring stations in the national network.</p> <p>After individual analysis and discussion, the students produced a scientific poster with the data they had obtained.</p>		Environmental Engineering	Eco-Escolas	March 2023 - so far	Access

Action	Description	Target	partners	No. Participants	Date / Period	Photos
Professor Candida Rocha/ Training	Training: Climate Action in Municipal Policies	Training for technicians in the Municipality of Loulé	ULHT APEMET Municipality of Loulé	25	04/18/2021	Access
Professor Candida Rocha/ Training	Training: Awareness of Climate Change	Training for technicians in the Municipality of Loulé	ULHT APEMET Municipality of Loulé	25	04/19/2021	Access
Professor Candida Rocha/ Training	Training: Awareness of Water Savings	Training for technicians in the Municipality of Loulé	ULHT APEMET Municipality of Loulé	25	04/20/2021	Access
Professor Candida Rocha/ Training	Training: Awareness of Energy Savings	Training for technicians in the Municipality of Loulé	ULHT APEMET Municipality of Loulé	25	04/21/2021	Access
Professor Candida Rocha/	Organizer and trainer of Training on Climate Change for journalists	Train journalists and the	ULHT UNDP	16	7th March 11, 2022	Access

Training	and media, September 2021, Príncipe island. (20 hours)	media on the island of Príncipe on the issue of climate change	TVS National Radio local radios			
Professor Candida Rocha/ Training	Organizer and trainer of Training on Climate Change for journalists and media, September 2021, São Tomé Island. (30 hours)	Train journalists and the media on the island of Príncipe on the issue of climate change	ULHT UNDP TVS National Radio local radios	26	September 13th to 24th, 2021	Photo 1 Photo 2
Professor Candida Rocha/ Open Class for TVS	Open class broadcast on São Tomé and Príncipe TVS on “Climate Changes in STP”	Public awareness of climate change	ULHT UNDP Évora University	--	11/12/2021	Access
Professor Candida Rocha/ STEAM Workshops	São Tomé and Príncipe - 10 STEAM workshops on climate change STEAM (science, technology, engineering, arts and mathematics) workshops at the University of São Tomé and	Training of teachers and students of higher and secondary education	ULHT UNDP	More than 200 participants	From January 2021 to June 2022	Access

	<p>Príncipe and at the secondary school on Ilha do Príncipe.</p> <p>Workshop themes: “Decarbonization is not a bad word, it is a form of action!” and “Biodiversity is REALLY a necessity”.</p>					
<p>Professor Candida Rocha/ Technical Seminars</p>	<p>4 Technical Seminars: “Causes, consequences and solutions of climate change” in São Tomé and Príncipe</p>	<p>Training of teachers and government technicians for climate change</p>	<p>ULHT UNDP</p>	<p>More than 200 participants</p>	<p>From January 2021 to June 2022</p>	<p>Access</p>
<p>Professor Candida Rocha/ Environmental Cinema</p>	<p>10 Environmental Cinema sessions with reflection and debate in São Tomé and Príncipe</p>	<p>Public awareness of climate change</p>	<p>ULHT UNDP</p>	<p>More than 500 participants</p>	<p>From January 2021 to June 2022</p>	<p>Video 1 Video 2 Video 3</p>
<p>Professor Candida Rocha/ edutainment</p>	<p>15 interactive shows about climate change</p>	<p>Sensitization of the younger population to climate change</p>	<p>ULHT UNDP</p>	<p>1000</p>	<p>From January 2021 to June 2022</p>	<p>Video</p>

Participation in International conferences and activities

Project	Description	Target	partners	No. Participants	Date / Period	Photos
Anabela Cruces Trainer	VII International Congress of Environmental Education in Portuguese-speaking Countries and Communities Mini-course: The (IN)sustainability of the use of geological resources - from the field to the classroom.		Maputo, Mozambique.	35	2 a 7/07/2023	
Anabela Cruces Speaker	VII International Congress of Environmental Education in Portuguese-speaking Countries		Maputo, Mozambique		2 a 7/07/2023	

(communication)	and Communities Paul de Manique do Intendente - KNOW to PROTECT!					
Anabela Cruces	Thematic Committee of CPLP Consultative Observers - Environment, Cities and Territories.		Representative of Universidade Lusófona		01/2023	
Hilda de Pablo Speaker	Cleantlantic final conference he conference showed the main results obtained in the cleantlantic project and promoted a discussion on new lines of research June 2023		Vigo, Spain		06/2023	

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<p>Hilda de Pablo</p> <p>Participant</p>	<p>EGU Conference</p> <p>A Regional Lagrangian Model for Assessing the Dispersion of Floating Macroplastics from Different Source Types over the Iberian Peninsula in the North Atlantic Ocean</p>		<p>online</p>		<p>April 2023</p>	
<p>Joana Lage</p> <p>Speaker and participant</p>	<p>11th International Aerosol Conference (IAC 2022)</p> <p>Presentation of a scientific poster, with a short oral presentation.</p>		<p>Online (Athens, Greece)</p>		<p>September 2022</p>	

	Dissemination of scientific work on the development of methodologies for assessing vertical profiles using UAVs.					
Isabel Abreu dos Santos	MediMARE - Mediation in Maritime Disputes Mediation in Maritime Disputes		Portugal. EEA GRANTS - BLUE GROWTH PROGRAMME, PTINNOVATION-0065, FCT-UNL		May-July 2023	
Isabel Abreu dos Santos	Nature Mission 22 Participation in group dynamics workshops / participatory and		Portugal ICNF. UNL/FCT		May 2022 to May 2023	

	collaborative sessions, Partial Reports and Final Reports					
Isabel Abreu dos Santos	III International Meeting "SYNERGIES FOR SOCIAL TRANSFORMATION - Education, social transformation and global citizenship: debates, paths and meanings of the political", Education, social transformation and global citizenship		Portugal Faculty of Psychology and Educational Sciences of the University of Porto		6th and 7th July 2023	
Isabel Abreu dos Santos Member of the	VII International Congress on Environmental Education in Portuguese-speaking Countries and Communities,		Mozambique (online)		Maputo 4 to 7 July 2023	

Scientific Committee Reviewer of scientific articles	Environmental education: governance for the emergence of coastal risks					
Isabel Abreu dos Santos	3rd International Conference on Risk, Security and Citizenship Risk management and governance		Portugal Setúbal		17th and 18th April 2023	
Isabel Abreu dos Santos	12th FORGES conference (Forum for Higher Education Management in Portuguese speaking Countries and Regions) Challenges of Higher Education in New Social and Geopolitical		University of Cape Verde (online)		23 to 25 November 2022	

	Contexts The relevance of educating for hope in a better world - reflections based on evidence gathered in a higher education contex					
Isabel Abreu dos Santos	16th International Conference LITTORAL 22 "Adapt our Coast for a Sustainable Future" Coastal communities: global citizenship strategies.		Portugal Nova University / School of Science And Technolo gy		12-16 September 2022	
Cândida Rocha; Adília Charmier	14th International Circular Economy Week Circular Economy		Germany		9 to 13 October 2022	
Elisabete	VII International Congress of		Maputo,		2 a 7/07/2023	

Maurício, Cristina Guerra, Adília Charmier	Environmental Education in Portuguese-speaking Countries and Communities Valorising orange peel waste to produce essential oil for school communities. Publicising a case study.		Mozambique			
Elisabete Maurício, Cristina Guerra, Adília Charmier POSTER	VII International Congress of Environmental Education in Portuguese-speaking Countries and Communities Reuse and valorisation of food by-products for the production of cosmetic ingredients - Dissemination of some case studies.		Maputo, Mozambique		2 a 7/07/2023	

Cristina Guerra	EASE Spring Conference Physics and Chemistry in STEAM Education: Learning with Integrated Knowledge Strategies. An Exploratory Study Using Computer Programming		Porto, Portugal		22 a 26/05/2023	
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Participation in International Projects

Project	Description	Target	partners	No. Participants	Date / Period	Photos
Professor Candida Rocha/ Participation in international projects	2019-2021. Participation as an expert on climate change in the project “Reducing Climate Vulnerability in São Tomé and Príncipe”, funded by the European Union (EuropeAid/138507/DH/SER/ST)	Reducing climate vulnerability in São Tomé and Príncipe	European Union General Directorate for the Environment of São	---	From 2019 to 2021	

			Tomé and Príncipe			
Professor Candida Rocha/ Participation in international projects	2021-2022. Coordinator of the project “Climate Promise – to raise awareness amongst the whole of society about the country's climate plan and engage stakeholders in its revision process”, funded by the United Nations (UNDP) (RFP15/2020).	Sensitize the population of São Tomé and Príncipe to Climate Change	United Nations General Directorate for the Environment of São Tomé and Príncipe	----	January 2021 to June 2022	Access
Professor Candida Rocha/ International Course Class	International Course: "IMAT NU E-Course: Circular Economy and Zero Emission Systems: Financing Strategies for Resilient Societies". ULHT class entitled “CE in sustainable resource management BIO-WASTE” on the topic “CE in sustainable resource management: from municipal solid waste management to integrated soil and energy protection and support systems.	Convey knowledge, to students from around 20 countries, about urban solid waste management in Portugal and its interaction with climate change	ULHT IMAT	150		Photo 1 Photo 2
(TEACHER TRAINING WORKSHOPS)	/11/2021 - Mini-course: Training of teachers in Environmental Education/Geoscience	Train educational agents based on active	University of Cape Verde, ASPEA	11/3/2021: 21 participants	2-5/11/2021	

<p>VI International Congress of Ed. Environment of Portuguese-Speaking Countries and Communities Cape Verde (São Vicente-Santo Antão)</p>	<p>11/4/2021 - Field activity: North of Baía and Praia Grande or Monte Verde 2021/22 - Follow up on the final proposal of each group during the school year.</p>	<p>methodologies, to explore the environmental education component in educational action with an impact on the formation of critical awareness, on the development and training of young people, with a view to behavioral changes for an environmentally sustainable future</p>		<p>11/4/2021: 125</p>		
<p>Hilda de Pablo Participation in R&D Projects</p>	<p>CleanAtlantic - Tackling marine litter in the Atlantic Area. European Commission (Brussels).</p>				<p>2017-11 to 2023-07</p>	<p>Website</p>

	WP6 Participation and Leader - Modeling					
Hilda de Pablo Participation in R&D Projects	RIVERSEA - Terrestrial sources of marine litter and microplastics. Participation in the modeling WP	Assessment and modeling of transport by rivers and estuaries and implementation of prevention and source reduction strategies. Foundation for Science and Technology (Lisbon) Website: https://riverssea.pt			2018-10 to 2021-10	
Hilda de Pablo Consulting and Data Analyst	AdTA (Águas do Tejo Atlântico of the Águas de Portugal Group) - Environmental monitoring of the Guia submarine outfall. Monitoring Coordination and execution of the Monitoring Plan. ARM (Water and Waste from Madeira) – Analysis of the impact	Consultant and data analyst.			topicality	

	of the rejection of effluents resulting from the treatment of urban wastewater in the marine environment on the island of Madeira.					
Pedro Matias FILMEU project, Report Best Practices – Governance Models. June 2021.	FILMEU, Report Best Practices – Governance Models. June 2021.				June 2021	Access
Collaboration Eco-Escolas FE and Real Colégio de Portugal	In the event as part of an Erasmus + project "Many Cultures, 1 Planet", which focuses its activities on the United Nations Sustainable Development Goals (SDGs) and seeks to promote Sustainability in Schools, the Eco-Escolas FE coordination was invited, by the Real Colégio de Portugal, to share with a group of students from Girona (ESP) and Pavia (ITA) the implementation of the Eco-Schools program at the Faculty of Engineering.				September 2021	
ERASMUS Project	KICK-OFF MEETING		Wroclaw university		26 a 28 /09/2022	

<p>(Number 2021-2-PL01-KA220-VET000050880) "Ugly" fruits and veggies...NOT! An innovative educational programme towards sustainable consumption and food waste reduction</p>			<p>of environmental and life sciences, wroclaw - poland</p>			
<p>ERASMUS Project (2020-1-TR01-KA201-094533) - "The Key Global Life, Digital Change of Nature"</p>	<p>3rd LTT Meeting</p>		<p>Tokat GOP University , Tokat - Turkey.</p>		<p>2 a 9/10/2022</p>	
<p>Cleantlantic final coordination meeting</p>	<p>Partner in the project consortium Progress of the Interreg</p>		<p>Vigo, Spain</p>		<p>June 2023</p>	

	project: Cleanatlantic					
CleanAtlantic Coordination Meeting	Partner in the project consortium Progress of the Interreg project: Cleanatlantic		Madeira, Portugal		November 2022	
ERASMUS Project (2020-1- TR01-KA201- 094533) - "The Key Global Life, Digital Change of Nature"	4nd LTT Meeting		Banská Bystrica, Slovakia		12 a 18/03/2023	
ERASMUS Project (2020-1- TR01-KA201- 094533) - "The Key Global Life, Digital Change of Nature"	5th LTT Meeting		IES Padre Anchieta, Tenerife - Canary Islands (Spain)		7 a 13/05/2023	
R&D project - To-SEAlert -	Overtopping and flooding in coastal and harbour areas/		Portugal - Foundatio n for		2022-2023	

<p>Overtopping and flooding in coastal and harbour areas:</p> <p>Tools for a forecasting and warning system, emergency planning and risk management</p>	<p>emergency planning and risk management</p>		<p>Science and Technology (2022-2023).</p>			
<p>ERASMUS KA2 Climate Change and STEM Education in Classrooms Project (2022-1-SE01-KA220-SCH-000088059).</p>	<p>Climate change training at the 2nd LTTA meeting</p>			<p>Trainer of the group of 35 international participants</p>	<p>8 to 12 May 2023</p>	
<p>ERASMUS KA2 Project Integrated STEM Education</p>	<p>Kick off meeting</p>		<p>Antalya, Turkey</p>		<p>13th and 14th April 2023</p>	

<p>with an Interactive Digital Library for Curious Kids 2022-1-TR01-KA220-SCH-000086836</p>						
<p>UNEP funded project "Reducing Sao Tome and Principe's vulnerability to climate change impacts by strengthening the Country's capacity to implement an integrated approach to adaptation planning"</p>	<p>Climate change adaptation training for journalists and other media organisations</p>		<p>São Tomé and Príncipe</p>		<p>23rd, 24th and 25th May 2023</p>	

<p>UNEP funded project "Reducing Sao Tome and Principe's vulnerability to climate change impacts by strengthening the Country's capacity to implement an integrated approach to adaptation planning"</p>	<p>Climate change adaptation training for parliamentarians and the National Climate Change Committee</p>		<p>São Tomé and Príncipe</p>		<p>4,5,6 and 7 July 2023</p>	
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Courses

Average	Date / Period	Photos	
<p>Preparation for a degree in Environmental Engineering at</p>	<p>30th January to 3rd</p>	<p>Candida Rocha</p>	

<p>the Lusófona University in Cape Verde</p> <p>Collaboration</p>	<p>February</p>		
<p>MAT NETWORK UNIVERSITIES (IMAT NU) E-Course Circular Economy and Zero Emission Systems: Financing Strategies for Resilient Societies</p> <p>ONLINE Summer Semester 2023</p> <p>"Material Flow Management, Zero Emission, Circular Economy and the Race to Net-Zero" lecture on "The role of sustainable resource management for net-zero: MSW and other biomaterials for</p>	<p>13th July 2023</p>	<p>Candida Rocha</p>	<p>Online for several countries</p>

biorefineries"			
<p>Specialised knowledge of the "Green Film" system and guidelines for more sustainable audiovisual productions - Green Consultants</p> <p>This course provides professionals with in-depth knowledge of sustainability applied to film and media production. Through the integration of environmental management systems, restructuring of work processes and adoption of innovations, participants will</p> <p>Read more</p>	<p>1ª edition 2022</p> <p>2ª edition 2023</p>	<p>Dörte Schneider Garcia</p>	
<p>Undergraduate</p> <p>Circular Bioeconomy and Technology</p> <p>This innovative course in Portugal aims to prepare a new generation of qualified professionals with knowledge in the areas of biotechnology, the environment and economics, who will be able to develop a sustainable and circular bioeconomy, a priority area in Europe, creating a symbiosis and fusion between economic models and biotechnological processes that can benefit national and international companies on an environmental, social and economic level. The ERASMUS+ partnership with the University of Applied Sciences of Trier in Germany enables student exchanges.</p>	<p>2021/2023</p>	<p>Adilia Charmier</p>	
<p>Undergraduate</p> <p>Sustainable Fashion Design</p> <p>The Degree in Sustainable Fashion Design is unique in the national context. It is a degree that develops and promotes conscious fashion design. Its nature allows the trainee, on the one hand, to develop his work as a designer for an author's collection, for a brand or for the industry, while at the same time providing students with skills that allow them to think, prepare and carry out various activities that lead to the creation of</p>	<p>2023...</p>		

sustainable fashion products, which reveal an important environmental concern.

It is an innovative training at various levels of approach, at the structural and content level, at the organizational level and at the level of the faculty involved, as it has some big names in the Fashion Sector.

Scientific and cultural production, namely publishing and editing books

Average

Correia, R., Duarte, M. P., Maurício, E. M., Brinco, J., Quintela, J. C., da Silva, M. G., & Gonçalves, M. (2022). Chemical and Functional Characterisation of Extracts from Leaves and Twigs of *Acacia dealbata*. *Processes*, 10(11), 2429. <https://doi.org/10.3390/pr10112429>, IF.3.5-Q2

Franco, S. (Ed.); Raposo, A.; Santos, I.; Santos, M. P.; Mesquita, M.; Gonçalves, P.; Gonçalves, R.; Morais, T. (2022). (Book - Short story). *The curious Pilrito and Polvo*. Seeds of Land and Sea Collection. Independent paperback edition. 18 December, 2022.

J. Lizana, V. Manteigas, S.M. Almeida, R. Chacartegui, J.A. Becerra, J. Lage, P. Blondeau, C. Berthier, A. Barrios-Padura, M. Gil-Baez, A. Serrano-Jimenez, F. Silva, R. Rato, M. Gomes, G. Giorgetti, A.R. Gamarra, Y. Lechon, I. Herrera, A. Fernandez, M. Almeida-Silva, N. Canha, C. Mafra, J.L. Alexandre, K. Gonçalves, E. Maloingne, J. Le Dreau, M. Abadie, A. Santos, E. Bout, H. Rouquette, The Pathway Towards Low Carbon Schools: Criteria, Targets and Solutions, Nova Science Publishers, New York, 2022. <https://doi.org/10.52305/XVSEQ6757>

Pereira, P., Mauricio, E. M., Duarte, M. P., Lima, K., Fernandes, A. S., Bernardo-Gil, G., & Cebola, M. J. (2022). Potential of supercritical fluid myrtle extracts as an active ingredient and co-preservative for cosmetic and topical pharmaceutical applications. *Sustainable Chemistry and Pharmacy*, 28, 100739. <https://doi.org/10.1016/j.scp.2022.100739> IF- 6

S. Santos, P. Barata, A. Charmier, I. Lehmann, S. Rodrigues, M. M. Melosini, P. J. Pais, A. Sousa, C. Teixeira, I. Santos, A. C. Rocha, P. Baylina and R. Fernandes (2022). Cannabidiol and Terpene Formulation Reducing SARS-CoV-2 Infectivity Tackling a Therapeutic Strategy. *Frontiers in Immunology* (2022), V13, Article 841459. <https://doi.org/10.3389/fimmu.2022.841459>

M. Dziejczak, P. R. Gomes, M. A. Abdelghani El Asli, P. Berger, A. J. Charmier, Y-C. Chen, R. Dasanayake, F. Ferro, D. Huising, M. Knaus, F. Mahichi, F. Rachidi, C. Rocha, K. Smith, S. Tsukada (2022). International circular economy strategies and their impacts on agricultural water use. *Cleaner Engineering and Technology*, accepted 3 May 2022, Volume 8, June 2022, 100504. <https://doi.org/10.1016/j.clet.2022.100504>

Rocha, C. (2023). "Climate Change Adaptation for São Tome and Principe". Directorate-General for the Environment and Climate Action. ISBN: 978-989- 33-4877-2

P. Francisco, M. N. Amaral, A. Neves, T. Ferreira-Gonçalves, A. S. Viana, J. Catarino, P. Faísca, S. Simões, J. Perdigão, A. J. Charmier, M. M. Gaspar and C. P. Reis (2023). Pluronic® F127 Hydrogel Containing Silver Nanoparticles in Skin Burn Regeneration: An Experimental Approach from Fundamental to Translational Research. *Gels*, 9, 200. <https://doi.org/10.3390/gels9030200>

Publication of book chapters and articles in international journals

Average

Cloux, S., Pérez-Pérez, P., de Pablo, H., Pérez-Muñuzuri, V., 2022. A Regional Lagrangian Model to Evaluate the Dispersion of Floating Macroplastics in the North Atlantic Ocean from Different Types of Sources in the Iberian Peninsula. Available at SSRN: <http://dx.doi.org/10.2139/ssrn.4306128> de Pablo, H., Sobrinho, J., Nunes, S., Correia, A., Neves, R., Gaspar, M., 2022. Climatology and nutrient fluxes in the Tagus estuary: a coupled model application. *Estuarine, Coastal and Shelf Science*. 279, 108129 <https://doi.org/10.1016/j.ecss.2022.108129>

dos Santos, I.A., Raposo, A., Durão, A., Rocha, C., Vasconcelos, L. (2022). Melting Pot: The New Sustainability in a World of Emerging Pandemics. In: Leal Filho, W., Azul, A.M., Doni, F., Salvia, A.L. (eds). Book chapter. *Handbook of Sustainability Science in the Future*. Springer. https://doi.org/10.1007/978-3-030-68074-9_56-1

Maurício Dzedzic, Priscila Rodrigues Gomes, Marco Angilella, Abdelghani El Asli, Pia Berger, Adilia Januario Charmier, Ying-Chu Chen, Ranahansa Dasanayake, Rebecca Dzedzic, Filipa Ferro, Donald Huising, Michael Knaus, Faezeh Mahichi, Fouad Rachidi, Cândida Rocha, Kevin Smith, Shunso Tsukada, "International

circular economy strategies and their impacts on agricultural water use, Cleaner Engineering and Technology", Volume 8, 2022, ISSN 2666- 7908, <https://doi.org/10.1016/j.clet.2022.100504>

Sobrinho, J., de Pablo, H., Pinto, L., Neves, R. 2023. Upscaling local domains in regional domains: an offline nudging approach. Environmental Modelling & Software. 161, 105626 <https://doi.org/10.1016/j.envsoft.2023.105626>

de Pablo, H., Sobrinho, J., Cloux, S., Neves, R., Gaspar, M., 2023. Modelling chlorophyll a and nutrients fluxes within the adjacent coastal area of the Tagus estuary: the influence of the submarine outfall discharges. Submitted to Marine Pollution Bulletin.

Nogueira, J., Marques, P. C. & Guerra, C. (2023). Integrated Physics Learning using an interdisciplinary Inquiry Learning Space: An exploratory study using computer programming. In B. Cavadas & N. Branco (Eds.). Interdisciplinarity Between Science and Mathematics in Education (176-195), IGI Global. ISBN: 9781668457658

Cordón-Franco, F. F. Lara-Martín, M. J.S. Loureiro, 2023. Lipschitz and Wadge binary games in second order arithmetic. Annals of Pure and Applied Logic (Q1) <https://doi.org/10.1016/j.apal.2023.103301>

Publication of book chapters and articles in national magazines

Average

Lage, Joana; d'Espiney, Ana; Canha, Nuno; Manteigas, Vítor; Alexandre, José Luís; Gonçalves, Karla; Chacartegui, Ricardo; et al. "Mobility Patterns of Scholar Communities in Southwestern European Countries". Sustainability 14 24 (2022): 16704. <http://dx.doi.org/10.3390/su142416704>

Abreu dos Santos, I., Vasconcelos, L., Raposo, A., & Durão, A. (2022). Risk, Sustainability and Humanity - a transformative education. CEIPC-informa@, Centre for Studies and Intervention in Civil Protection, nº94, September 2022, p.4-10

Maurício, E. (2023) "Sustainable beauty" - Interview given to Womens Health Magazine, March 2023. Valente, J., Abreu dos Santos, I., "Gestão e Governância de Risco em Parques de Campismo," CEIPC-informa@, Centre for Studies and Intervention in Civil Protection, nº103, June 2023, p.8-13.

Publication of conference proceedings

Average

Raposo, A., Abreu dos Santos, I., Durão, A., Ferreira, J.C., Vasconcelos, L. (2022) Coastal communities: global citizenship strategies. 16th International Conference LITTORAL22 Book of Abstracts, page 200-202, Portugal, 12-16 September 2022. NOVA School of Science and Technology | FCT NOVA. ISBN: 978-972-99923-6-0.

2023/06/15 and 16 - Presented the conference entitled: "Estuário do Rio Tejo entidade viva e dinâmica com qualidade dependente de afluentes naturais e artificiais (o caso da Vala de Azambuja)" at the "A VALA DE AZAMBUJA: memória e sustentabilidade" Conference Cycle. Azambuja Municipal Auditorium, in Azambuja (https://www.cm-azambuja.pt/images/pdfs/Not%C3%ADcias/Folheto_Ciclo%20de%20Confer%C3%Aancias_Museu.pdf?t=1681912085)

023/07/05 - Cruces, A.G (2023) - Mini-course: The (IN)sustainability of the use of geological resources - from the field to the classroom. Book of Congress Activities. Abstracts. VII International Congress of Environmental Education of Portuguese-Speaking Countries and Communities in Maputo (Mozambique), pp.217 (http://www.ealusofono.org/images/VII_Congresso/documentos/Actividades_congresso-resumos3-7-23.pdf)

2023/07/07 - Cruces, A.G.; Dias, S.M.A.; Marques, I.M.A. (2023) - O Paul de Manique do Intendente - KNOWING to PROTECT! Book of Congress Activities. Abstracts. VII International Congress of Environmental Education of Portuguese-Speaking Countries and Communities in Maputo (Mozambique), pp.149 http://www.ealusofono.org/images/VII_Congresso/documentos/Actividades_congresso-resumos3-7-23.pdf

Coordination and participation in national and international research and development projects

Average

Professor Anabela Cruces

2018/2022 (September) - Participation in the Fciências.ID Project - Project nº PTDC/CTA-GEO/28412/20175: CLIMARES, Long-term assessment of induced regime shifts in coastal zones, taking place in the Earth Surface Processes Research Unit (RG2) of IDL, where she is a collaborator.

2019/current - Participation in the international project: EEA Grants Portugal (local development through the Safeguarding and Revitalisation of Coastal Cultural Heritage) - EEAGrants/Call1/2020/01 - COASTAL MEMORY FORT.

January/2021 - current (January/2023) - Participation in the ERASMUS KA2 Project - The Key to Global Life, Digital Change of Nature, 2020-1-TR01-KA201-094533.

2022/2026 - Participation in the TabMir II Project - The commercial areas of Mirobriga (Chãos Salgados, Santiago do Cacém): urban and ceramological evolution of a city in Roman and Visigothic times (1st-6th centuries AD). Scientific Director: José Carlos Quaresma (FCSH-New University of Lisbon) Lisbon - CHAM (Humanities Centre). Submitted: 12/2021. Approved:11/8/2022.

2022/12/30 (2022/2024) - Preparation of and participation in the application for the CLUBE CIÊNCIA VIVA NA ESCOLA Project - Alto de Azambuja School Group in partnership with COOPERATIVA DE FORMAÇÃO E ANIMAÇÃO CULTURAL CRL (COFAC) - Lusófona University of Humanities and Technologies. Submitted on 30/12/2021 to NOTICE No. 01/C06-i04.02/2021 - Extension of the Network of Ciência Viva Clubs at School. Funding: 9999.50€.

2022/09/28 to 26 - Participation in the KICK-OFF MEETING of the ERASMUS Project (Number 2021-2-PL01-KA220-VET-000050880) "Ugly" fruits and veggies...NOT! An innovative educational programme towards sustainable consumption and food waste reduction, held at WROCLAW UNIVERSITY OF ENVIRONMENTAL AND LIFE SCIENCES, Wroclaw - Poland. 2022/10/2 to 9 - Participation in the 3rd LTT Meeting of the ERASMUS Project (2020-1-TR01-KA201-094533) - "The Key Global Life, Digital Change of Nature", held at Tokat GOP University, Tokat - Turkey.

2023/05/7 to 13 - Participation in the 5th LTT Meeting of the ERASMUS Project (2020-1-TR01-KA201-094533) - "The Key Global Life, Digital Change of Nature", held at IES Padre Anchieta, Tenerife - Canary Islands (Spain).

2022/11/17 (Submitted, pending results) - Exploratory Research Projects under the MIT Portugal Programme - 2022. Project name: PEATMAP - A prototype model for studying the distribution, ecological dynamics and carbon of peatlands in the landscape mosaics of the Iberian Peninsula. Duration: 26 months. Lead institution: University of Lisbon (UL) - Institute of Geography and Spatial Planning of the University of Lisbon - Centre for Geographical Studies of the University of Lisbon

ERASMUS KA2 Climate Change and STEM Education in Classrooms Project (2022-1-SE01-KA220-SCH-000088059).

ERASMUS KA2 Project Integrated STEM Education with an Interactive Digital Library for Curious Kids 2022-1-TR01-KA220-SCH-000086836

ERASMUS KA2 SDG Project - STEAMing up the sustainability with sustainable development goals 2021-1-SE01-KA220-SCH-000023584.

ClimAID Project - funded under Creative Europe Programme. Project Number: 101099776.

CULTURE EXECUTIVE AGENCY (EACEA)

UNEP funded project "Reducing Sao Tome and Principe's vulnerability to climate change impacts by strengthening the Country's capacity to implement an integrated approach to adaptation planning".

Professor Carina Almeida

2022-2025: WaterQB - Integrated web-based platform for supporting irrigation management aiming at coping with climate variability and changes (FCT 2022.04553.PTDC) Participation in WP2, WP5, WP6, WP7 and WP8

Professor Cristina Guerra

2022/10/2 to 9 - Participation in the 3rd LTT Meeting of the ERASMUS Project (2020-1-TR01-KA201-094533) - "The Key Global Life, Digital Change of Nature", held at Tokat GOP University, Tokat - Turkey.

2023/03/12 to 18 - Participation in the 4th LTT Meeting of the ERASMUS Project (2020-1-TR01-KA201-094533) - "The Key Global Life, Digital Change of Nature", held in Banská Bystrica, Slovakia.

2023/05/7 to 13 - Participation in the 5th LTT Meeting of the ERASMUS Project (2020-1-TR01-KA201-094533) - "The Key Global Life, Digital Change of Nature", held at IES Padre Anchieta, Tenerife - Canary Islands (Spain).

Professor Elisabete Maurício

2022/2023 - Research project "Bioactive properties of Acacia dealbata. Project developed in collaboration with the Faculty of Science and Technology, New University of Lisbon.

2023 - Research project "Antimicrobial properties of Voacanga africana. Project under development at the Lusófona University.

2023 - Research project "Study of new natural preservatives as natural ingredients and their action in cosmetic formulations. Project under development at Lusófona University

Professor Hilda de Pablo Leonardo

2020/present - ARM (Águas e Resíduos da Madeira) - Analysing the impact of rejecting effluents from urban wastewater treatment into the marine environment on the island of Madeira. Consultant and data analyst.

2023 - Participation in writing the international project proposal, Interreg Atlantic (EAPA_0009/2022 - Free-LitterAT). This proposal was approved for a

grant on 28 June 2023, with a total budget of 3,765,474 euros.

2023 - Participation in the writing of the FAZER+ project proposal: PLASTIPAV - PLASTic Incorporation in bituminous PAVement.

July 2023: Scientific advisors on the Ulisses project (Interdisciplinary Studies sustainable Environment and Sea).

Professor Isabel Abreu dos Santos

2022-ongoing. Post-doctorate in the fields of Environment and Sustainability of coastal areas, entitled "Risk management and communication and civil protection. A contribution to the empowerment of coastal communities", NOVA University Lisbon, FCT NOVA).

2023. Trainee "MediMARE - Mediation in Maritime Disputes". EEA GRANTS - BLUE GROWTH PROGRAMME, PT-INNOVATION-0065, FCT-UNL, May-July 2023.

2022. Participation in facilitating participatory and collaborative sessions as part of the PLAAC - Arrábida project, Local Climate Change Adaptation Plans, Iceland Liechtenstein Norway grants, 2022. Nova University| School of Science and Technology.

2022 R&D project "To-SEAlert - Overtopping and flooding in coastal and harbour areas: Tools for a forecasting and warning system, emergency planning and risk management", PTDC/EAM-OCE/31207/2017, Foundation for Science and Technology (June to October 2022). Researcher; facilitator

2022. Erasmus + Mobility. Learning Mobility of Individuals Higher Education - Staff Mobility for Training. AMIGO 2019-2022 Consortium. Scientific and pedagogical cooperation between Agostinho Neto University and the Department of Environmental Sciences and Engineering of Universidade Nova de

Lisboa and MARE, classes and lectures, Luanda, Angola, 17 to 29 July 2022.

Professor Joana Lage

2021, ongoing - Loures PAB_LivingLab, EEA Grants; 06/Call#4 [since 2021 - ongoing]

2023-2026, ongoing - IMPact - the road traffic as a microplastic source in the environment, PTDC/CTA-AMB/3600/2022 [2022 - 2026, ongoing]

2021/2025, ongoing - ECF4CLIM - a European Competence Framework for a low carbon economy and sustainability through education, HORIZON 2020. Grant agreement ID: 101036505. Member of the technical team, from Instituto Superior Técnico (2021-2025, ongoing).

2021/2024 - HypnosAIR, FCT project (PTDC/CTA-AMB/3263/2021). Member of the technical team, from Instituto Superior Técnico and Communication Manager of the project.

2021/2025 - ECF4CLIM - a European Competence Framework for a low carbon economy and sustainability through education (participant in the technical team).

2023-2024, ongoing - Citizen Science project RadAR, funded by RadoNorm project - Towards effective radiation protection based on improved scientific evidence and social considerations, under EURATOM Horizont 2020. [2023-2024, ongoing]

Production of audiovisual, electronic or digital content and applications

2022/10/18 - Was part of the technical team that produced the scientific content (texts, signage, videos, ...) for the permanent exhibition and visitor reception area of the Santo André and Sancha Lagoons Interpretation Centre (CILSAS), which opened on 18 October 2022. (<https://natural.pt/protectedareas/reserva-natural-lagoas-santo-andre-sancha/infrastructures/centro-nacional-educacao-ambiental-conservacao-natureza-monte-paio?locale=pt>; <https://www.cm-santiagocacem.pt/atualidade/noticias/novo-centro-interpretativo-na-reserva-natural-das-lagoas-de-santo-andre-e-da-sancha/>; <https://radiosines.sapo.pt/noticias/foi-inaugurado-o-novo-centro-interpretativo-na-reserva-natural-das-lagoas-de-santo-andre-e-da-sancha>).

Cultural creation, namely exhibitions and concerts

2022/10/18 - Was part of the technical team that produced the scientific content (texts, signage, videos, ...) for the permanent exhibition and visitor reception area of the Santo André and Sancha Lagoons Interpretation Centre (CILSAS), which opened on 18 October 2022. (<https://natural.pt/protected-areas/reserva-natural-lagoas-santo-andre-sancha/infrastructures/centro-nacional-educacao-ambiental-conservacao-natureza-monte-paio?locale=pt>; <https://www.cm-santiagocacem.pt/atualidade/noticias/novo-centro-interpretativo-na-reserva-natural-das-lagoas-de-santo-andre-e-da-sancha/>; <https://radiosines.sapo.pt/noticias/foi-inaugurado-o-novo-centro-interpretativo-na-reserva-natural-das-lagoas-de-santo-andre-e-da-sancha>)

2021/2023 - Coordinator of the BIO and GEOdiversity survey of the Lusófona University Campus for the development of the Campus' visitation routes. The work is being carried out as part of the Environmental Engineering course - FE-CUL-UL.

Recognition by the national and international community, namely through the award of prizes for scientific recognition or cultural creativity

2022

Professors Joana Lage and Elisabete Maurício (coordination) - Award of the Eco-Schools Prize to the Faculty of Engineering for the project coordinated by Professors Joana Lage and Elisabete Maurício

Participation in editorial activities, evaluation of programmes and projects and invitations to participate in lectures, competitions and scientific committees of conferences

Anabela Cruces, 2022/09/15 - Lecture at the invitation of the Department of Cinema and Media Arts on the theme of the year ("Sustainability: thinking about the future"), for the 3rd year students of the degree in Cinema, Video and Multimedia Communication. Lecture entitled "Sustainability: thinking about the future", at the Lusófona University, Campo Grande, Lisbon.

Anabela Cruces, 2022/11/30 - Lecture at the invitation of the Department of Geology for the UC Challenges and Emerging Perspectives in Geology, 3rd year Geology degree. Lecture entitled "The role of geologists in defining public policies", at the Department of Geology, FCUL, Campo Grande, Lisbon.

Anabela Cruces - 2022/12/05 - Attended the Technical Session "Technologies for the Remediation of Contaminated Soils" organised by the College of Geological and Mining Engineering of the Order of Engineers, which took place on 5 December 2022 at the OE Auditorium in Lisbon.

Adília Charmier, 2022/12 - "The new life of senior universities", Jornal Notícias do Parque, no. 128, December, 2022. (in Portuguese)

Anabela Cruces, 2023/03/03 - Lecture at the invitation of Colégio Bartolomeu Dias for students in the 10th, 11th and 12th grades. Lecture entitled "The Tagus and its history - VALUES and RESOURCES", given at Colégio Bartolomeu Dias, in Santa Iria de Azóia.

Anabela Cruces, 2023/04/17 - REVICTE - Member of the Editorial Board of REVICTE, Revista de Investigação em Ciências Transdisciplinares EKUIKUI II. REVICTE is a transdisciplinary electronic scientific research journal from the Centre for Interdisciplinary Studies in Educational Innovation (CiiED) at the

Instituto Superior Politécnico de Humanidades e TecnologiasEkuikui II (ISUPEkuikui II).

Anabela Cruces, 2023/04/27 - Opinion article in the Sol newspaper entitled: "Tejo - a river for everyone, but only for 'a few'!"

(<https://sol.sapo.pt/artigo/797959/tejo-um-rio-de-todos-mas-so-para-alguns->)

Cândida Rocha, 2022/10/6-7: "Management of Material Flows". Oral Communication at the Technical Seminar on Circular Economy, 6th and 7th October, Terceira Island, Azores.

Carina Almeida, 2022-2023: Editor of the Special Issue: Water Sustainability: River Basin Management, Water Quality and Quantity Monitoring. MDPI's Sustainability Magazine

Carina Almeida, Scientific reviewer for the following journals: Elsevier journal: Journal of Hydrology: Regional Studies; MDPI journals: Climate; Water; Sustainability.

Isabel Abreu dos Santos, 2023-present. Member of the Scientific and Pedagogical Council of the National Firefighters School

Isabel Abreu dos Santos, May 2022-May 2023: Participation in Workshops on group dynamics / participatory and collaborative sessions, Partial Reports and Final Report, "Missão Natureza 22," promoted by the Institute for Nature Conservation and Forests. Team member NOVA School of Science and Technology | FCT NOVA | Centre for Marine and Environmental Sciences - MARE / Aquatic Research Network - ARNET (May 2022 to May 2023)

Isabel Abreu dos Santos. Participation in the dynamisation of participatory and collaborative sessions within the scope of the PLAAC - Arrábida project,

Local Climate Change Adaptation Plans, Iceland Liechtenstein Norway grants, 2022. Nova University| School of Science and Technology.

Abreu dos Santos, I., Raposo, A., "A network vision for social transformation: Oscar Jara and Fritjof Capra," III International Meeting "SYNERGIES FOR SOCIAL TRANSFORMATION - Education, social transformation and global citizenship: debates, paths and meanings of the political", Gonçalo da Silveira Foundation / Synergies, Faculty of Psychology and Educational Sciences, University of Porto, 6 and 7 July 2023. (communication)

Abreu dos Santos, I. III International Meeting "SYNERGIES FOR SOCIAL TRANSFORMATION - Education, social transformation and global citizenship: debates, paths and meanings of the political", Gonçalo da Silveira Foundation/Synergies, Faculty of Psychology and Educational Sciences, University of Porto, 6 and 7 July 2023. (Rapporteur - Synthesis and closure of the work)

Abreu dos Santos, I., Raposo, A., Durão, A., Ferreira, J.C., Vasconcelos, L., "Educar para o risco- governancia para a emergência de riscos costeiros," VII International Congress of Environmental Education in Portuguese-Speaking Countries and Communities, Maputo 4 to 7 July 2023 (oral communication).

Abreu dos Santos, I., Raposo, A., Durão, A., Ferreira, J.C., Vasconcelos, L., "Educar para o risco- governancia para a emergência de riscos costeiros," VII International Congress of Environmental Education in Portuguese-speaking Countries and Communities, Maputo 4 to 7 July 2023 (Member of the Scientific Committee).

Isabel Abreu dos Santos, 2023. Reviewer/evaluator of papers for the VII International Congress on Environmental Education in Portuguese-speaking Countries and Communities, Maputo, Mozambique, 2022/2023. NOVA School of Science and Technology | FCT NOVA, Mare.Nova.

Valente, J., Abreu dos Santos, I., "Gestão e Governancia de Risco em Parques de Campismo," 3rd International Conference on Risks, Security and

Citizenship, Setúbal 17 and 18 April 2023 (paper and abstract).

Isabel Abreu dos Santos. Lecture, "Risk in the face of Disasters", Initiative "two fingers on science", Polytechnic Institute of Beja, Auditorium of the School of Agriculture, Beja, 19 October 2022. NOVA School of Science and Technology | FCT NOVA, Mare.Nova.

Saúde, S., Raposo, A., Vasconcelos, L., Abreu dos Santos, I., Durão, A., (2022). Being: The relevance of educating for hope in a better world - reflections based on evidence gathered in a higher education context, 12th FORGES conference (Forum for Higher Education Management in Portuguese-speaking Countries and Regions) "Challenges for Higher Education in New Social and Geopolitical Contexts", 23 to 25 November, University of Cape Verde, Cape Verde. Communication

Raposo, A., Durão, A., Abreu dos Santos, I., Durão, A., Ferreira, J., & Vasconcelos, L. (2022). Minimising the vulnerability of coastal communities to environmental problems: The contribution of participatory processes. XXIII REALP Meeting-Network of Environmental Studies in Portuguese-speaking Countries, Polytechnic Institute of Tomar, Portugal, 11-15 October 2022. Poster

Santos, C.J., Ferreira, J.C., Craveiro, J.L., A. dos Santos, I., Duarte, C.M., Libreiro, F., Zózimo, A.C., Fortes, J., Rodrigues, L. (2022). Risk perception of coastal flooding and oceanic overtopping in Costa da Caparica: application of the AHP methodology to a group of local stakeholders. XXIII REALP MeetingNetwork of Environmental Studies in Portuguese-speaking Countries, Polytechnic Institute of Tomar, Portugal, 11 to 15 October 2022. Poster

Raposo, A., Abreu dos Santos, I., Durão, A., Ferreira, J.C., Vasconcelos, L. (2022) Coastal communities: global citizenship strategies. 16th International Conference LITTORAL 22 "Adapt our Coast for a Sustainable Future", 12-16 September, Costa da Caparica, Portugal. Communication

Isabel Abreu dos Santos. Participation and table coordination, 16th International Conference LITTORAL 22, "Adapt our Coast for a Sustainable Future", 12-16 September, Costa da Caparica, Portugal.

Other activities

related to research and cultural creation, with emphasis on the supervision of post-doctoral work and the dissemination and diffusion of scientific and cultural knowledge, namely the organisation of national and international conferences, workshops, festivals and competitions.

Professor Anabela Cruces

PARTICIPATION IN ACADEMIC MANAGEMENT AND COORDINATION ORGANISATIONS

2014-2023: Direction of the 1st Cycle of ENVIRONMENTAL ENGINEERING (FE-ULHT).

2021/2023 - Member of the Scientific Council of FE - ULHT

2021/2023 - Member of the Pedagogical Council of FE - ULHT

2021/2023 - Member of the University Council of Universidade Lusófona

2021/2023 - International Coordinator of FE - ULHT

2023 - Member of the Pedagogical Council of FE - CUL - UL

2023/01: Representative of Lusófona University on the Thematic Committee of CPLP Consultative Observers - Environment, Cities and Territories

PARTICIPATION IN SCIENTIFIC DISSEMINATION AND KNOWLEDGE TRANSFER PROGRAMMES LIVING SCIENCE PROGRAMME/2022

2022/09 - She was the responsible proposer and monitor of four actions proposed by the ULHT Faculty of Engineering, entitled: 2022/09/03 - 1. Bio and Geodiversity in Paul de Manique do Intendente (Azambuja);

2023/09/08 - 2 Valorisation of plants from Paul de Manique do Intendente for natural cosmetics; 2022/09/10 - 3. the importance of SER Rio Tejo (Azambuja - Cartaxo);

2023/11/06 - 4. From the pre-Tejo to the present-day Tagus: evolution over the last few thousand years;

2021/09/30 - Participated in the European Researchers' Night (NEI 2022) at the invitation of the Living Science Centre of the Knowledge Pavilion, with the activity "SOILS AND SEDIMENTS, AFTER ALL IS THIS THE SAME? CAN THEY NATURALLY CONSTITUTE ENVIRONMENTAL CONTAMINATION PROBLEMS?"

ORGANISING/PARTICIPATING IN EVENTS (CONGRESSES, SEMINARS, WORKSHOPS)

2023/04/15 and 16 - Participated in the organisation of and presented the conference entitled "Pollution of tributaries and water quality in the Tagus - the case of the Azambuja Ditch", at the 4th Iberian Tagus Forum, a meeting organised by CIT and the Vila Franca de Xira municipality, with the support of the Lusófona University engineering faculty.

2023/07/2 to 7 (2023/0707) - Participation in the VII International Congress of Environmental Education of Portuguese-speaking Countries and Communities in Maputo (Mozambique), where he co-authored the paper: "O Paul de Manique do Intendente - CONHECER para PROTEGER!"

(http://www.ealusofono.org/images/VII_Congresso/documentos/Programa_EALusofono_2023.pdf)

TRAINING ACTIVITIES 2015

2023 - Anabela Cruces is an ACCREDITED TRAINER in Continuing Teacher Education, by the Ministry of Education's Scientific-Pedagogical Council for Continuing Education, where she participates as a coordinator/trainer in the areas and domains A36 (Geology) and D08 (Environmental Education), with the following registration number: CCPFC/RFO-35819/15).

This academic year, he was responsible - on 2022/12/21 - for the 5-hour Short-Term Training Course entitled "Environmental monitoring of wetlands: evaluation of the water level, the physical-chemical parameters of the hydrosome and the characteristics of the sediments of Paul de Manique" for the teachers of the Alte de Azambuja School Group.

2023/07/2 to 7 (2023/07/05) - Participation in the VII International Congress of Environmental Education of Portuguese-speaking Countries and Communities in Maputo (Mozambique), where he was responsible for the mini-course: "The (IN)sustainability of the use of geological resources - from the field to the classroom". (http://www.ealusofono.org/images/VII_Congresso/documentos/Programa_EALusofono_2023.pdf)

2023/07/17-18-19 - Participation in the VIII International Meeting of the House of Sciences, in Aveiro, with three WORKSHOPS for Teachers (3rd Cycle and Secondary Education - group 520, Biology and Geology) (<https://www.casadasciencias.org/8encontrointernacional/programa.php#>):

- 1) (17/7/2023) - Get to know Microplastics;
- 2) (18/7/2023) - WATER - colourless, odourless, tasteless and odourless! WHAT? Are they all the same or all different?
- 3) (18/7/2023) - Soils and Sediments - criminal investigation (how to know and how to tell if they are polluted);

GUIDING PROJECT WORK

2023/02 to 2023/07 - Co-supervision of work for the Environmental Engineering Project course for student Victor Junqueira Ferreira, on the subject: Characterisation of soil, sediment and water contamination in the Lousal Mine area.

2023/02 to 2023/07 - Co-supervision of work for the Environmental Engineering Project course for student Ângela Miguel Florêncio on the subject: Comparative study of the environmental indicators of the waters and sediments of the Santo André and Sancha lagoons.

MASTER'S DISSERTATION ORIENTATION/Master's and/or Doctoral Examination Jury

2022/11/17 - Tutor for the Master's Degree in Marine Sciences (FCUL) of José Miguel Vaz de Almeida, with the dissertation entitled "Trace Metals in the Sado Estuary and their Implications on the Environmental Quality". Department of Plant Biology, Faculty of Sciences, University of Lisbon.

2023/03/17 - Master's thesis supervised by LUIVANA NAHARY MENDONÇA DE SOUSA, co-supervised by Professor Elisabete Maurício. The thesis entitled "EVALUATION OF THE QUALITY OF THE WATER AND SURFACE SEDIMENTS OF THE FLUVIAL NETWORK OF THE MUNICIPALITY OF AZAMBUJA" was part of the Master's Degree in Environmental Engineering and was defended on 17 March 2023, at the Faculty of Engineering of the Lusófona University of Humanities and Technologies, obtaining a final grade of 19.

2023/04/24 - Tutor for the Master's Degree in Environmental Geology, Geological Risks and Spatial Planning (FCUL) of graduate Elias Miguel Trindade Rodrigues with the dissertation entitled "Palaeoenvironmental evolution of the Tagus estuarine margin in Alcântara". Department of Geology, Faculty of Sciences, University of Lisbon.

Organisation of TECHNICAL OUTPUTS

2023/03/07 - Organisation of a field trip to the Lagoas de Santo André and Sancha Nature Reserve.

2023/03/08 - Promotion of "NATURE DAY - Mission: Discovering Palhota", as part of the Integrated and Innovative Plan to Combat School Failure in Lezíria do Tejo (PIICIE LT) - Positive Education Model in Lezíria do Tejo - Education through Innovation - EDUCATION IN THE NATURAL HERITAGE OF LT. Initiative of the Cartaxo Municipal Education Service. Activity organised for more than 100 7th grade students (<https://www.cmcartaxo.pt/Info/Noticias/Paginas/palota-aulas-natureza.aspx>; <https://omirante.pt/sociedade/2023-03-15-Alunos-do-Cartaxo-tem-aulas-na-natureza480cb514>; <https://omirante.pt/primeiro-plano/2023-03-24-Alunos-do-Cartaxo-tem-aulas-na-natureza-17a8e49e>). 2023/05/20 - Organisation of a technical trip to the Lousal mine: Lousal Mine, from extraction to rehabilitation, the past, present and future.

Organisation of SEMINARS/LECTURES

2022/2023 - Organisation of EVENTS - Lecture cycles for FE - ULHT Environmental Engineering students (1st and 2nd cycles):

2023/05/25 - Organisation of the lecture given by Dr. Vítor Encarnação on the Management of environmentally sensitive areas - Classified Areas (ICNF), as part of the UC Territorial Planning, 3rd year of the degree in Environmental Engineering, FE-CUL-UL.

2023/06/01 - Organisation of the lecture given by João Carlos Farinha (ICNF) entitled "How can we enhance our Protected Areas? Managing with people!", as part of the Spatial Planning CU, 3rd year of the Environmental Engineering degree programme, FE-CUL-UL. 2023/06/07 - Organisation of the lecture given by

Paula Lopes from ISQ (Department of Environment and Safety) entitled: Asbestos - Risks, Health Effects and Prevention, as part of the General and Applied Geology (1st year of the degree in Environmental Engineering and Civil Engineering) and Soil Pollution (3rd year of the degree in Environmental Engineering), FE-CUL-UL.

Professor Adelino Silva Soares

PARTICIPATION IN ACADEMIC MANAGEMENT AND COORDINATION ORGANISATIONS

2016-2023: Sub-Directorate of the 1st Cycle of ENVIRONMENTAL ENGINEERING (FE-ULHT).

2021/2023 - Member of the Pedagogical Council of FE - ULHT

2023 - Member of the Scientific Council of FE - CUL – UL

WORKSHOP ORGANISATION

2022-12-14 - Participation in the organisation of the Workshop "Environmental Management; Life Cycle Assessment" (Discussion of the implementation of ISO 14001 in the Life Cycle Approach: methodology applied, possible difficulties and possible solutions).

MASTER'S DISSERTATION ORIENTATION/Master's and/or Doctoral Examination Jury

2022 - Master's thesis supervision of MATHEUS MAGALHÃES GONÇALVES DA SILVA, entitled "WATER LOSS CONTROL IN WATER DISTRIBUTION SYSTEMS - IMPLICATIONS ON SOCIO-ENVIRONMENTAL SUSTAINABILITY", part of the Master's programme in Environmental Engineering.

PARTICIPATION IN TECHNICAL STANDARDISATION COMMITTEES

2022-2023 - Adaptation to Portuguese standards of "ISO/TS 14074:2022 Environmental management - Life cycle assessment - Principles, requirements and guidelines for normalisation, weighting and interpretation"; within the scope of the normative activity of CT150/SC5 - Technical Committee for Standardisation of Environmental Management - Life Cycle Assessment.

2022-2023 - Adaptation to Portuguese standards of "ISO 14055-1:2017 Environmental management - Guidelines for establishing good practices for combating land degradation and desertification - Part 1: Good practices framework"; within the scope of the normative activity of CT150/SC5 - Technical Committee for Standardisation of Environmental Management - Life Cycle Assessment.

Professor Adilia Charmier

PARTICIPATION IN ACADEMIC MANAGEMENT AND COORDINATION BODIES

2023: Direction of the 1st Cycle of BIOTECHNOLOGY (FE-ULHT).

2021/2023 - Member of the Scientific Council of FE – ULHT

2021/2023 - Member of the Pedagogical Council of FE – ULHT

PARTICIPATION IN SCIENTIFIC DISSEMINATION AND KNOWLEDGE TRANSFER PROGRAMMES

2022/09/30 - Participated in the European Researchers' Night (NEI 2022) at the invitation of the Living Science Centre of the Knowledge Pavilion, with

the activity "Beer production and system monitoring".

ORGANISING/PARTICIPATING IN EVENTS (CONGRESSES, SEMINARS, WORKSHOPS)

2022/09/04 - Organisation of the Colours of Independence event - Embassy of India- Embassy of Bangladesh-ULHT- Bhoomi Association

10 September 2022-. Co-organisation of the "Anniversary of India's Independence" event with the Bhoomi Association in collaboration with the Indian Embassy.

2022/10/22 to 24 - Participation in the 13th International Circular Economy Conference (13th ICEC), Environmental Campus Birkenfeld- IfaS, - Institute for Applied Material Flow Management. Trier University of Applied Sciences, Germany.

2023/07/15 - 11th Convocation Ceremony of IIT Indore, Indian Institute of Technology Indore, virtually through iiti.ac.in/live

2023/05/22 to 26 - Invitation Lecture "PHYSICS AND CHEMISTRY IN STEAM EDUCATION" at the international Spring Conference 2023 EASE - European Association of STEAM Educators.

2023/07/17-18-19 - Participation in the VIII International Meeting of the House of Sciences, in Aveiro, with three WORKSHOPS for Teachers (3rd Cycle and Secondary Education - group 520, Biology and Geology) (<https://www.casadasciencias.org/8encontrointernacional/programa.php#>): 1) (17/7/2023)

- Get to know Microplastics; 2) (18/7/2023) - WATER - colourless, odourless, tasteless and odourless! WHAT? Are they all the same or all different? 3)

(18/7/2023) - "Valorising food by-products for natural cosmetics".

GUIDING PROJECT WORK

2023/02 to 2023/07 - Advising a Biotechnology degree student from the Faculty of Engineering and a Biochemistry degree student on their final degree project.

MASTER'S DISSERTATION ORIENTATION/Master's and/or Doctoral Examination Jury

2022/12/20 - Supervisor of the doctoral thesis of Mr Rishi Ranjan, a PhD Research Scholar of IIT Indore "Studies on Bio-inspired N,O-donor Ligands-Based Cu(II) Complexes in Photocatalysis, DEPARTMENT OF CHEMISTRY INDIAN INSTITUTE OF TECHNOLOGY INDORE.

Professor Cândida Rocha

PARTICIPATION IN ACADEMIC MANAGEMENT AND COORDINATION ORGANISATIONS

2020-2023: Direction of the 2nd Cycle in ENVIRONMENTAL ENGINEERING (FE-ULHT).

2023 - Member of the Scientific Council of FE - CUL – UL

2023 - Member of the Pedagogical Council of FE - CUL – UL

PARTICIPATION IN SCIENTIFIC DISSEMINATION AND KNOWLEDGE TRANSFER PROGRAMMES

2022/09/30 - Participated in the European Researchers' Night (NEI 2022) at the invitation of the Living Science Centre of the Knowledge Pavilion, with the activity "Worms at home to combat climate change".

13 and 14 February 2023. Participation in the Open Day of the Faculty of Engineering of Universidade Lusófona with the theme "Composting and Vermicomposting".

January and February 2023. Awareness-raising and environmental education activities:

Climate change at Sobral de Monte Agraço Secondary School (2 sessions)

Circular Economy at Sobral de Monte Agraço Secondary School

Circular Economy at Sobral de Monte Agraço Town Hall

Climate Change at EPED - Professional School of Development Education

Circular Economy at Escola Profissional do Marquês

ORGANISING/PARTICIPATING IN EVENTS (CONGRESSES, SEMINARS, WORKSHOPS)

6,7/10/2022 - Oral Communication at Technical Seminar on Circular Economy with the theme: "Management of Material Flows". 6 and 7 October, Terceira Island, Azores.

15/12/2022 - Coorganisation, with APEMETA, of the 12th National Meeting on Waste Management: Recovery and Resilience, held on 15 December at the Alto dos Moinhos Metro Auditorium, Lisbon.

23 June 2023. Speaker at the Conference "Entrepreneurship for the Green and Digital Transition", on the theme "Key Areas of Training for Sustainability",

held at ISLA GAIA, in Vila Nova de Gaia.

May-June 2023. Member of the Jury assessing applications for the Injovem II Project on Entrepreneurship for the Green and Digital Transition, organised by APEMETA.

TRAINING ACTIVITIES

20 and 21 September 2022. Training on "Environmental assessment and management" for PO SEUR through APEMETA.

12, 13 and 14 December 2022. Waste Management" training at the ISQ Academy.

16 and 19 December 2022. Training on "Environmental Monitoring" for ALGAR through APEMETA.

23, 24 and 25 May 2023. Training Action: three-day training session for national and local journalists with the aim of improving understanding, news coverage and reporting on climate change adaptation in STP.

4,5,6 and 7 July 2023. Capacity-building action: strengthen the capacities of the National Committee for Climate Change (CNMC) to take on the role of overseeing and coordinating the NAP process in São Tomé and Príncipe and improve its links with the National Assembly through a three-day workshop and the development of the CNMC's work plan for the NAP process.

2023/07/17 - Participation in the 8th International Meeting of the House of Sciences, in Aveiro, with a WORKSHOP for Teachers (3rd Cycle and Secondary

Education - group 520, Biology and Geology) on the theme "Worms at home to reduce the impacts of climate change".

GUIDING PROJECT WORK

2023/02 to 2023/07 - Work supervision for the Environmental Engineering Project course for student Julia Coimbra on the topic: Environmental Education and Awareness Raising within the scope of Climate Change Capacity Building in São Tomé and Príncipe.

MASTER'S DISSERTATION ORIENTATION/Master's and/or Doctoral Examination Jury

2023/03/17 - President of the Jury for the Master's Thesis by LUIVANA NAHARY MENDONÇA DE SOUSA, supervised by Professor Anabela Cruces and cosupervised by Professor Elisabete Maurício. The thesis entitled "EVALUATION OF THE QUALITY OF THE WATER AND SURFACE SEDIMENTS OF THE FLUVIAL

NETWORK OF THE MUNICIPALITY OF AZAMBUJA" for the Master's Degree in Environmental Engineering. It was defended on 17 March 2023, at the Faculty of Engineering of the Lusófona University of Humanities and Technologies, obtaining a final grade of 19.

23 February 2023. Supervisor of the dissertation by Ana Carolina da Cunha Mendes, for the Master's Degree in Human Ecology and Contemporary Social Problems, FCSH, entitled "Environmental Citizenship and the Public Participation of Young People".

Professor Carina Almeida

PARTICIPATION IN ACADEMIC MANAGEMENT AND COORDINATION ORGANISATIONS

2021/2023 - Member of the Scientific Council of FE - ULHT

2021/2022 - Chairman of the Electoral Commission of FE – ULHT

GUIDING PROJECT WORK

2023/02 to 2023/07 - Co-supervision of work for the Environmental Engineering Project course for student Tiago Pinto Portela on the topic:
Anthropogenic influence and climate change - quantifying the impacts of a new project.

MASTER'S DISSERTATION ORIENTATION/Master's and/or Doctoral Examination Jury

21-09-2022: Tutor for the Master's Degree in Ecology and Environmental Management (FCUL) of student Beatriz Ladeira de Faria with the dissertation entitled "Assessing the Effectiveness of SLM Measures in Restoring Forest Ecosystem Services Disturbed by Forest Fires: A case study in the Odiáxere catchment using OpenLISEM".

Organisation of SEMINARS/LECTURES

22-05-2023 to 26-05-2023: Organisation and lecturer at the Advanced Course "Climate Change Adaptation" FCUL.

Professor Cristina Guerra

PARTICIPATION IN ACADEMIC MANAGEMENT AND COORDINATION ORGANISATIONS

2018/2023 - Director of the Faculty of Engineering - CUL - UL

2022/2023 - Member of the UL University Council

2022/2023 - Member of the Scientific Council of Universidade Lusófona

2022/2023 - Member of the Pedagogical Council of Universidade Lusófona

2023 - Member of the Scientific Council of FE - CUL – UL

ORGANISING/PARTICIPATING IN EVENTS (CONGRESSES, SEMINARS, WORKSHOPS)

2023/05/22 to 26 - Oral communication entitled "Physics and Chemistry in STEAM Education: Learning with Integrated Knowledge Strategies. An Exploratory Study Using Computer Programming", at the EASE Spring Conference, Porto, Portugal

TRAINING ACTIVITIES

2023/07/17-18-19 - Participation in the VIII International Meeting of the House of Sciences, in Aveiro, with two WORKSHOPS for Teachers (3rd Cycle and Secondary Education - group 520, Biology and Geology) (<https://www.casadasciencias.org/8encontrointernacional/programa.php#>): 1) (17/7/2023) - Get to know Microplastics; 2) (18/7/2023) - WATER - colourless, odourless, tasteless and odourless! WHAT? Are they all the same or all different?

Professor Elisabete Maurício

PARTICIPATION IN ACADEMIC MANAGEMENT AND COORDINATION BODIES

2021/2023 - Member of the Scientific Council of FE - ULHT

2021/2023 - Member of the Pedagogical Council of FE - ULHT

2022-2023 - Coordinator of the free course and micro-credentials "Training in Community and Domestic Composting".

PARTICIPATION IN SCIENTIFIC DISSEMINATION AND KNOWLEDGE TRANSFER PROGRAMMES

LIVING SCIENCE PROGRAMME/2022

2022/09 - Monitored an action proposed by the ULHT Faculty of Engineering, entitled:

2023/09/08 - 1 Valorisation of plants from Paul de Manique do Intendente for natural cosmetics

TRAINING ACTIVITIES

2023/07/17-18-19 - Participation in the 8th International Meeting of the House of Sciences, in Aveiro, with an WORKSHOP for Teachers (3rd Cycle and Secondary Education - group 520, Biology and Geology) (<https://www.casadasciencias.org/8encontrointernacional/programa.php#>): 1) Valorisation of food by-products for natural cosmetics.

GUIDING PROJECT WORK

2023/02 to 2023/07 - Co-supervision of work for the Environmental Engineering Project course for student Victor Junqueira Ferreira, on the subject: Characterisation of soil, sediment and water contamination in the Lousal Mine area.

2023/02 to 2023/07 - Co-supervision of work for the Environmental Engineering Project course for student Ângela Miguel Florêncio on the subject: Comparative study of the environmental indicators of the waters and sediments of the Santo André and Sancha lagoons.

2023/02 to 2023/07 - Guiding 6 project students from the Biotechnology and Biochemistry courses.

MASTER'S DISSERTATION ORIENTATION/Master's and/or Doctoral Examination Jury

2022/11/17 - Tutor for the Master's Degree in Marine Sciences (FCUL) of José Miguel Vaz de Almeida, with the dissertation entitled "Trace Metals in the Sado Estuary and their Implications on the Environmental Quality". Department of Plant Biology, Faculty of Sciences, University of Lisbon.

2023/03/17 - Master's thesis supervised by LUIVANA NAHARY MENDONÇA DE SOUSA, co-supervised by Professor Elisabete Maurício. The thesis entitled "EVALUATION OF THE QUALITY OF THE WATER AND SURFACE SEDIMENTS OF THE FLUVIAL NETWORK OF THE MUNICIPALITY OF AZAMBUJA" was part of the Master's Degree in Environmental Engineering and was defended on 17 March 2023, at the Faculty of Engineering of the Lusófona University of Humanities and Technologies, obtaining a final grade of 19.

2022/12/14 - Tutor for the Master's Degree in Food Technology and Safety of José Edgar Lima with the dissertation entitled "Characterisation of bioactive properties of medicinal plants from the Autonomous Region of Madeira". Faculty of Science and Technology, New University of Lisbon.

2022/12/20 - Tutor for the Master's Degree in Food Technology and Safety of Inês Catarina Bairos Filipe with the dissertation entitled "Review and development of consumer information on foodstuffs handled in a retail company's shop". Faculty of Science and Technology, New University of Lisbon

Organisation of SEMINARS/LECTURES

2022/2023 - Organisation of FE - CUL - UL EVENTS:

2022/10 - Organisation of the workshop and lecture "Valorisation of by-products for cosmetics", presented at the freshmen reception.

2023 - Technical and scientific organisation of event: Environment & Sustainability webinar cycle. Eco-schools 2023 programme.

2023 - Organisation / Promotion of various projects as part of the application for eco-schools (2023): Organic vegetable garden, tree planting, waste separation, promotion of recycling and implementation of ecopoints on the university campus.

2023/05 - Organisation of the lecture "Energy Efficiency for a More Sustainable University Campus" by the speaker Researcher and Professor Rui Neto.

2023/05 - Organisation of a talk on "raising awareness of water and sand quality" by the speaker João Brandão; Ricardo Jorge Institute.

2023 - Organisation and moderation of training for the Lusophone community on waste separation "WHERE YOU ARE RECYCLE ALWAYS" (2023) - Sociedade Ponto Verde. Contribution to internal training for Lusófona University staff. June 2023.

Professor Hilda de Pablo

PARTICIPATION IN ACADEMIC MANAGEMENT AND COORDINATION ORGANISATIONS

2021-2023 - Member of the Scientific Council of FE - CUL - UL

GUIDING PROJECT WORK

2023/02 to 2023/07 - Co-supervision of work for the Environmental Engineering Project course for student Tiago Pinto Portela on the topic:
Anthropogenic influence and climate change - quantifying the impacts of a new project.

MASTER'S DISSERTATION ORIENTATION/Master's and/or Doctoral Examination Jury

July 2023: Tutor for the Master's Degree in Ancient Engineering (IST - University of Lisbon) of student Duarte Martins with the dissertation entitled "Study of the influx of plastics into an urban stream".

ORGANISING/PARTICIPATING IN EVENTS

July 2023: Talk at the Educa a Brincar school on "Plastics in the Sea".

June 2023: Cleantlantic final coordination meeting. Vigo (Spain)

June 2023: Cleantlantic final conference. Vigo (Spain)

Professor Isabel Abreu dos Santos

PARTICIPATION IN SCIENTIFIC DISSEMINATION AND KNOWLEDGE TRANSFER PROGRAMMES

2022/2023 - Isabel Abreu dos Santos. "Researchers from Universidade Nova de Lisboa are developing more effective ways of communicating coastal risk to the authorities and the population," 90 Segundos de Ciência, Antena 1, Episode 1926, 26 January 2023, <https://www.rtp.pt/play/p2936/e666802/90-segundos-ciencia> .

ORGANISING/PARTICIPATING IN EVENTS

2022/2023 - Member of the coordination committee of the Scientific Organising Committee of the VII International Congress of Environmental Education of Portuguese-Speaking Countries and Communities, Maputo, Mozambique, 2022/2023. NOVA School of Science and Technology | FCT NOVA, Mare.Nova.

Reviewer/evaluator of papers for the VII International Congress on Environmental Education in Portuguese-speaking Countries and Communities, Maputo, Mozambique, 2022/2023. NOVA School of Science and Technology | FCT NOVA, Mare.Nova.

MASTER'S DISSERTATION ORIENTATION/Master's and/or Doctoral Examination Jury

Supervision of a master's student, from the Master's in Environmental Engineering, Lusófona University, on sustainability and risk management in campsites, in the academic years 2022/2023, 2023/2024 (ongoing).

Supervision of a master's student, Master of Environmental Engineering, Lusófona University, on the importance of Education for Sustainability in the context of the Angolan Education and Teaching System, in the academic years 2021/2022, 2022/2023 (ongoing).

2022/2023 - Member of the jury for the Master's Degree in Information Management - Specialisation in Knowledge Management and Business Intelligence, with the title "How to Leverage Artificial Intelligence for Sustainable Business Development", Nova Information Management School, 14 April 2023.

2022/2023 - Member of the jury for the Master's Degree in Information Management - Specialisation in Information Systems and Technologies Management, with the title "Translating Knowledge Into Actions. An Evaluation Tool to Measure and Improve the Readiness and Use of Green IT and Green IS Initiatives in Companies", Nova Information Management School, 27 January 2023.

Professor Joana Lage

ORGANISING/PARTICIPATING IN EVENTS

Organisation of 3 cycles of seminars (webinars) on the Eco-Schools programme for the entire academic and scientific community. May/June 2021, 2022, 2023.

Organisation of and participation in the 4th ECF4CLIM project meeting in Lisbon, Portugal, May 2023.

GUIDING PROJECT WORK

Co-supervision of two undergraduate Electrical Engineering students at the Instituto Superior Técnico, in their final degree projects, in the area of developing methodologies for assessing air quality, in the academic years 2022/2023, 2023/2024 (ongoing).

MASTER'S DISSERTATION ORIENTATION/Master's and/or Doctoral Examination Jury

Co-supervision of a master's degree student in Environmental Engineering at the Instituto Superior Técnico, in the area of developing methodologies for assessing air quality using UAVs - academic year 2022/2023 (ongoing).

Supervision of Henrique Joaquim's Master's dissertation on occupational exposure to atmospheric pollutants in the construction sector, as part of the Master's programme in Environmental Engineering, Faculty of Engineering, Lusófona University

In the media

Total: 04

Average	Date / Period		Photos
Opinion article in Jornal SOL: "Worms at home to reduce the impacts of climate change?"	11/10/2021	Candida Rocha	Access
Interview on the program Diálogo à Tarde on TVS, São Tomé and Príncipe television Public awareness of climate change	09/21/2021	Candida Rocha	Access
Contents for website	From January	Candida Rocha	Website

<p>Production of technical-scientific content for the website of the CNMC – National Committee for Climate Change. Conception of more than 90 news.</p> <p>Public awareness of climate change</p>	<p>2021 to June 2022</p>		
<p>Content production for social networks:</p> <p>Public awareness of climate change</p>	<p>From January 2021 to June 2022</p>	<p>Candida Rocha</p>	<p>Promessa Climatica Facebook in São Tomé and Príncipe</p> <p>Climate Promise YouTube in São Tomé and Príncipe</p> <p>Instagram of Promessa Climatica in São Tomé and Príncipe</p> <p>YouTube of the CNMC – National Committee for Climate Change</p>
<p>90 Seconds of Science, Antena Risk communication</p>	<p>26 January 2023</p>	<p>Isabel Abreu dos Santos</p>	<p>Access</p>
<p>iTechStyle Green Circle</p> <p>Universidade Lusófona had five students at the 'iTechStyle Green Circle' exhibition, making it the most represented university.</p>			<p>Access</p>
<p>Research Receives Distinction from “Microorganisms Journal”</p> <p>The article, "Applications of Essential Oils as Antibacterial Agents in Minimally Processed Fruits and Vegetables - A Review", has taken centre stage in the academic and scientific community worldwide.</p>			<p>Access</p>

<p>Dörte Garcia highlights ULusófona Training</p> <p>In an interview with the 'Mutim' association, the professor, a pioneer in cinematographic sustainability, emphasised the importance of the university's Sustainable Management course for the national scene.</p>			<p>Access</p>
<p>Project developed by Universidade Lusófona gains international visibility</p> <p>Led by members of EIGeS, the Catcher project is the subject of an article in The Guardian and BBC newspapers</p>			<p>Access</p>
<p>SCAR SC-HASS Conference 2023</p> <p>A biennial scientific event organized by the Scientific Committee on Antarctic Research</p>			<p>Access</p>
<p>III Bio.Natural 2023</p> <p>Bioactive Natural Products Research Conference</p>			<p>Access</p>
<p>New study conducted by the Institute of Behavioral Technology at Lusófona University</p> <p>Income inequalities worsened, especially on the coast and in large municipalities</p>			<p>Access</p>
<p>Study the Impact of Climate Change on Infrastructure</p> <p>Research projects in development and awareness of this issue</p>			<p>Access</p>
<p>Volunteer Space</p> <p>Lusófona University opens its doors to Solidarity Associations</p>			<p>Access</p>

<p>Climate Change, Sustainable Development and Lusophony</p> <p>Conference co-organized with the Institute of Military Studies marks World Environment Day</p>			Access
<p>SOS Climate Waterfront Project</p> <p>Researchers participate in a workshop organized by Universidade Lusófona</p>			Access
<p>Innovative technologies for monitoring of heritage buildings and infrastructures</p> <p>iTech4Monitoring promote workshop</p>			Access
<p>Webinar - Coastal Engineering in Portugal and in the World</p> <p>Lusófona University Association - Porto University Center in a PIANC Webinar</p>			Access
<p>Kennels in Aquatic Environment</p> <p>Specialists from various areas gathered on May 5th, at Universidade Lusófona, for an event on Canis-lobos and dogs in an aquatic environment.</p>			Access
<p>"Ugly" fruits and veggies... NOT!</p> <p>An innovative educational program for sustainable consumption and reduction of food waste.</p>			Access
<p>Civil Protection - Conditions and Challenges</p> <p>Reflect the organization and coordination of assistance and the roles of municipal services.</p>			Access
<p>Articulation of land management and emergency planning</p> <p>Engineer André Rodrigues, will teach a session in the Emergency, Protection and Help Course (CEPS)</p>			Access

<p>ULusófona Coordinates the Kick-Off Meeting of the EWALD Project</p> <p>Use space for early warning of land degradation at the borders of the European Union.</p>			<p>Access</p>
<p>ULusófona Coordinates Aqua Synapse Project Meeting</p> <p>Study in depth the potential positive health effects of deuterium-poor water.</p>			<p>Access</p>
<p>"Ugly" fruits and veggies... Not!</p> <p>Innovative educational program for sustainable consumption and reduction of food waste.</p>			<p>Access</p>
<p>Award-winning Sustainability Project Coordinated by ULusófona</p> <p>Project resulting from the protocol with Infrastructures of Portugal awarded in the Circularity category.</p>			
<p>BIAL Foundation finances Lusófona University project</p> <p>The project is being developed by the Human-Environment Digital Interaction Laboratory at Lusófona University.</p>			
<p>A Road for Adaptation of Bridges to Climate Change – Report</p> <p>Understand the impacts of climate change on the structural condition of bridges.</p>			
<p>ULP Professor Participates in Pilot Project Presentation</p> <p>Municipality of Machico presents a Pilot Project "Risk Management Plan for Bathing Waters".</p>			

<p>be-READY REsilient roAD pavements for sustainability</p> <p>An international project signed by Lusófona University.</p>			<p>Access</p>
<p>Webinar: Innovation & Technology in Coastal and Port Engineering</p> <p>Nature-Based Solutions</p> <p>On May 20, 2022, the second Webinar organized by young professionals from PIANC, which aimed to bring together and bring together Portuguese professionals working in Portugal and abroad, focusing, this edition, on the theme of Innovation & Technology in Coastal and Port Engineering ("Working with Nature" & "Nature-based Solutions").</p>			<p>Access</p>
<p>Beginning of the Composting Process at Lusófona University</p> <p>And replanting of the organic vegetable garden by the Eco-Schools Team of the Faculty of Engineering.</p>			<p>Access</p>
<p>Tree Planting by the Lusófona Eco-Schools Team</p>			<p>Access</p>
<p>CBIOS researcher wins Egon Stahl Award 2022</p> <p>Award distinguishes innovation and originality in Pharmacognosy and Chemistry of Natural Products.</p>			<p>Access</p>
<p>Students from the Faculty of Engineering were present at Rock In Rio Lisboa 2022</p>			<p>Access</p>

<p>The Eco-Escolas da Faculdade de Engenharia was present at the Rock in Rio Lisboa 2022 festival. The students of the Eco-Escolas Council were invited by Ponto Verde Serviços (PVS) to participate in the event's waste management program.</p>			
<p>Conversations about... AQUA Project</p> <p>What are the potential positive health effects of water low in deuterium?</p>			<p>Access</p>
<p>Project "The Empathic Heart"</p> <p>HEI-Lab research unit project aims to "study the processes underlying empathy in humans".</p>			<p>Access</p>
<p>Conversations about... Project EWALD</p> <p>The EWALD project has as its main focus the observation of the planet earth through space for early warning of land degradation at the borders of the European Union, and its objective is to develop an innovative structure of the Early Warning System (Early Warning System) , using ground observation data from multiple sources and scales, to assign a more effective response to threats at the external border of the European Union. The project is based on the argument that land degradation is one of the main global challenges, intensified with climate change, and that it poses a risk to the security of the European Union, for example, due to the socioeconomic tensions that are felt in the its borders.</p>			<p>Access</p>
<p>Investigation of Renewable Energy with Andriy Lyubchik</p> <p>Exploring atmospheric moisture and converting it directly into electricity.</p>			<p>Access</p>

<p>EP32 - A.I. regulation, Statement at the UN, Autonomous weapons w/ Luis Campani</p> <p>In this new episode, meet Luis Campani, the first student to make a statement at a UN meeting.</p>			<p>Access</p>
<p>EP25 - Clothing Production and Environmental Concerns w/ Alexandra Cruchinho and Luíz Sanchez</p> <p>Reflect on the fast-fashion industry and hyper-consumerism, as well as their implications for the sustainability of the planet</p>			<p>Access</p>
<p>EP21 - Resource Management, Water Consumption and Agricultural Sector w/ Carina Almeida and Hilda de Pablo</p> <p>Understand how resource management could impact society in the future and what solutions are needed to use them more efficiently.</p>			<p>Access</p>
<p>EP20 - Climate Change, Impacts and Raising Awareness w/ Cândida Rocha</p> <p>Reflect on climate change, the impact of our decisions on sustainability and the importance of raising awareness about this issue</p>			<p>Access</p>
<p>EP7 - Trip to Ukraine, Animals and Solidarity w/ Filipe Pereira</p> <p>Find out more about Filipe Pereira's solidarity trip to support Ukrainian citizens and their pets</p>			<p>Access</p>
<p>P22 - Extreme Phenomena, Civil Engineering and Vulnerable Structures w/ Elói Figueiredo</p>			<p>Access</p>

Reflect on the ecological footprint, the multidimensional and comprehensive impact that our daily actions have on different sectors of activity.			
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More events and evidences [Lusófona Verde | Lusófona University \(ulusofona.pt\)](#)