



11TH ANNUAL SEMINAR

PHD PROGRAMME IN ENVIRONMENT AND SUSTAINABILITY

ORGANISED BY:

Department of Environmental Sciences and Engineering (DCEA)

NOVA School of Science and Technology (NOVA FCT)

NOVA University Lisbon



NOVA SCHOOL OF
SCIENCE & TECHNOLOGY
DEPARTMENT OF ENVIRONMENTAL
SCIENCES AND ENGINEERING





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ABOUT THE 11TH PDAS

ANNUAL SEMINAR



AIM AND SCOPE

The main objective of PhD in Environment and Sustainability (PDAS) is the formation of doctors able to apply a scientific approach to environmental issues and sustainability. PDAS' vision aims to empower change agents to support society and their organisations in achieving the necessary transformations to build a more sustainable future. Leadership in business, industry, government, and society in general require a high degree of technical and scientific knowledge, as well as a mature understanding of the human dimensions of sustainable development.

PDAS is built on a strong research base anchored in two recognized research centers of excellence of the School of Science and Technology, NOVA University Lisbon (NOVA FCT): CENSE – Centre for Environment and Sustainability Research – and MARE – Marine and Environmental Sciences Centre. The learning model adopted in the PDAS is entirely student-centred, based mainly on the development of autonomous but supervised research, the attendance of interactive courses that enable them to develop soft skills or add specific skills, and the presentation of their work in conferences, international scientific meetings and scientific publications.

In this context, PDAS students should develop a solid horizontal scientific culture in the field of environmental and sustainability sciences and engineering, as well as gain the ability to integrate knowledge in a inter, multi, and transdisciplinary approach to develop innovative solutions to society challenges. The aim is to enable graduates to be able to join international research teams, promote their integration into the global



network of top scientists in their field, and develop entrepreneurial skills that enable them to develop new businesses, promoting the articulation between their R&D activities and the economic and business fabric.

The Annual PDAS Seminar is held annually, lasting three days, with the mandatory participation of all students enrolled in the doctoral program, regardless of the stage of their work. This seminar includes the participation of guest speakers, the presentation and discussion of the work of all students, and the realization of interactive co-learning activities.

The parallel sessions will be held for individual discussions of each student's ongoing research. The objective is to facilitate a constructive exchange of ideas regarding the progress and achievements thus far, as well as the proposed plans for future developments. Each student will present their research to their colleagues and the academic staff, followed by a discussion with two assigned discussants (one professor and one doctoral student), complemented by questions from the audience and the track chair. These sessions are organized according to thematic tracks, thus facilitating joint discussions between students working on related topics.

The 2026 edition of the seminar will feature a Collaborative Sustainability Research Workshop, culminating in an Analogue Presentation, with both teaching staff and students present, along with a selected jury of examiners. In this presentation, students working in interdisciplinary teams are challenged to synthesize their individual PhD backgrounds to formulate a cohesive research project addressing an environmental or sustainability challenge. To prioritize conceptual clarity and direct communication, students must deliver a compelling 5–7-minute funding pitch supported exclusively by physical, analogue materials. They are invited to exercise their creativity and structural logic through hand-drawn graphical abstracts using whiteboards and flipcharts, strictly without the use of electronic media. Driven entirely by human dialogue rather than digital automation, this will allow students to fully demonstrate their



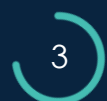
interdisciplinary integration, structural logic, and communication skills. A prize will be awarded for the most impactful analogue presentation.

HOST INSTITUTION – DCEA, NOVA FCT

The NOVA School of Science and Technology (NOVA FCT) is located at the Campus of Caparica. It is one of the most prestigious Portuguese public schools of engineering and science and is part of the NOVA University Lisbon. The campus is engaged in extensive research activity conducted in 14 departments and 16 research centers, involving a total enrolment of about 8 500 students (600 PhD students), 430 academic staff and 530 researchers. NOVA FCT has several key foreign universities partners, such as the Massachusetts Institute of Technology (MIT), the University of Carnegie Mellon and the University of Texas at Austin, to offer some of its advanced study programs.

The Department of Environmental Sciences and Engineering (DCEA) at NOVA FCT was created in 1976, being a pioneer in the graduation of Environmental Engineers in Portugal. Over the last 40 years, DCEA has followed the extraordinary evolution in this area, expanding the scope and tools that it provides to tackle the environmental and sustainability challenges of the 21st century. DCEA offers bachelor's, master's and doctoral programs in environment and sustainability which are of high scientific and technical quality, preparing students for the national and international market, in a wide range of roles and responsibilities.

DCEA assumes research as a key pillar of the learning processes that it promotes, supported by national and international research projects, and by an extensive collaboration network with industry and public bodies. The faculty, researchers, and collaborators, around 140 people, work daily to achieve its mission.





ORGANISING COMMITTEE

SCIENTIFIC COMMITTEE



PROFESSOR TOMÁS B. RAMOS

Department of Environmental Sciences and Engineering
NOVA School of Science and Technology
NOVA University Lisbon

PDAS Coordinator



PROFESSOR ALEXANDRA RIBEIRO

Department of Environmental Sciences and Engineering
NOVA School of Science and Technology
NOVA University Lisbon

PDAS Scientific Committee



PROFESSOR GRAÇA MARINHO

Department of Environmental Sciences and Engineering
NOVA School of Science and Technology
NOVA University Lisbon

PDAS Scientific Committee



PROFESSOR MARTA MARTINS

Department of Environmental Sciences and Engineering
NOVA School of Science and Technology
NOVA University Lisbon

PDAS Scientific Committee



STUDENTS COMMITTEE



DIOGO SOUSA

PhD Student
MARE NOVA – Integrated in Coastal Systems and Ocean Research
Department of Environmental Sciences and Engineering
NOVA School of Science and Technology
NOVA University Lisbon

CATARINA SANTOS

PhD Student
MARE NOVA – Integrated in Coastal Systems and Ocean Research
Department of Environmental Sciences and Engineering
NOVA School of Science and Technology
NOVA University Lisbon



INÊS PEREIRA

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SALOMÉ BESSA

PhD Student
CENSE - Integrated in Energy and Climate
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NOVA School of Science and Technology
NOVA University Lisbon



CAROLINA CASTRO

PhD Student
CENSE - Integrated in Energy and Climate
Department of Environmental Sciences and Engineering
NOVA School of Science and Technology
NOVA University Lisbon





PDAS ADMINISTRATIVE ASSISTANT



SANDRA FERREIRA

Department of Environmental Sciences and Engineering
NOVA School of Science and Technology
NOVA University Lisbon

INVITED SPEAKERS



Valentina Bosetti

Universidade Bocconi | RFF-CMCC European Institute on
Economics and the Environment

Valentina Bosetti is a Professor of Environmental and Climate Change Economics at Bocconi University and a senior researcher at the RFF-CMCC European Institute on Economics and the Environment. Her research focuses on the economics of climate change, the energy transition, uncertainty, and the design of public policies. She was a Lead Author for the IPCC WGIII AR5 and AR6 reports and was selected as a Lead Author for the AR7 WGIII, Chapter 3 on projected futures, sustainable development, and climate change. She was also the PI [Principal Investigator] of two ERC grants: ICARUS, on innovation and clean technologies, and RISICO, on uncertainty and climate policies.



Massimo Tavoni

Politecnico di Milano | CMCC/EIEE

Massimo Tavoni is a Professor of Climate Change Economics at the Politecnico di Milano and director of the RFF-CMCC European Institute on Economics and the Environment. His research focuses on climate mitigation policies, integrated energy-economy-climate modeling, uncertainty, financing, and the robustness of transition pathways. He was a Lead Author in the IPCC AR5 and AR6 reports and is a Review Editor for the AR7 WGIII, Chapter 7, dedicated to climate finance. He received two ERC grants: COBHAM, on consumer behavior and heterogeneity in integrated models, and EUNICE, on uncertainties in climate stabilization scenarios.



ANA DE JESUS

NOVA FCT | CENSE

Ana de Jesus is a social sciences researcher with a distinguished career focused on bridging the gap between academia and policymaking. Throughout her professional journey, she has held multiple key roles in research projects centered on the circular economy, eco-innovation, sustainability transitions, and digital transformation. Driven by a commitment to translating scientific knowledge into tangible societal benefits, her career is also marked by significant contributions to the academic community, including publishing research, organizing events, and co-supervising MSc theses and PhD dissertations.



JOÃO BRINCO

NOVA FCT | CENSE

João Brinco holds a PhD in Environment and Sustainability, completed in 2025, where he worked on novel analytical methodologies for assisting electrokinetic remediation of contaminated soils. Previously, he completed an MSc in Bioorganic Chemistry and a BSc in Applied Chemistry. Currently, he is a researcher at CENSE, working on the EU-funded project ISLANDR - Information-Based Strategies for Land Remediation. He works mostly in the area of Analytical Chemistry, namely chromatography and mass spectrometry.



NAIARA CASAGRANDE

3drivers (Quadrante Group)

Naiara Machado Casagrande is a Sanitary and Environmental Engineer with a PhD from NOVA University Lisbon, specializing in Life Cycle Assessment (LCA) and plastic pollution. With over a decade of experience, she has participated in international projects funded by the ERC, FCT, and Sociedade Ponto Verde, and currently works as a Senior Consultant in ESG and circular economy at 3drivers, while also serving as an Editor for the Next Sustainability journal.



PROGRAMME



DETAILED PROGRAMME AND DAY-TO-DAY AGENDA

DAY 1 – MONDAY 29TH JUNE

Time: 8:45 – 9:00 | 📍 **Sala Ágora**

Arrivals & Welcome desk

Sandra Ferreira | Administrative Assistant of the PDAS

Time: 9:00 – 10:00 | 📍 **Sala Ágora**

Welcome & Opening

José Paulo Santos | Vice-Dean for Scientific Affairs, NOVA FCT

Information and Updates about the PhD Programme

Tomás B. Ramos | Coordinator of the PDAS, NOVA FCT

Time: 10:15 – 11:00 | 📍 **Sala Ágora**

Ethics in the Research

Pedro Viana Batista | NOVA FCT

Students Committee

Diogo Sousa | PDAS Students Committee

Time: 11:00 – 11:30 | 📍 **Library Bar**

Coffee and Tea Break

Time: 11:30 – 13:00 | 📍 **Departmental Building**

Parallel Session I

Track 1 – Sustainability Transformations | 📍 Room 105 | Chair: **Tomás B. Ramos**

Track 2 – Environmental Quality and Ecotoxicology | 📍 Room 115 | Chair: **Alexandra Ribeiro**

Track 3 – Ocean and Coastal Management | 📍 Room 117 | Chair: **Leonor Amaral**

Track 4 – Models, Data and AI | 📍 Room 114 | Chair: **Joanaz de Melo**

Time: 13:00 – 14:30 | 📍 **Library Bar**

Lunch Break

Time: 14:30 – 16:00 | 📍 **Sala Ágora**

PhD Group Work: Collaborative Sustainability Research Workshop

Tomás B. Ramos | Coordinator of the PDAS, NOVA FCT

Alexandra Ribeiro | Scientific Committee of the PDAS, NOVA FCT

Marta Martins | Scientific Committee of the PDAS, NOVA FCT

Graça Martinho | Scientific Committee of the PDAS, NOVA FCT

Time: 16:00 – 16:15 | 📍 **Library Bar**

Coffee and Tea Break

Time: 16:15 – 18:00 | 📍 **Sala Ágora**

Keynote Speakers

Chair: Lara Reis | NOVA FCT

Valentina Bosetti | Universidade Bocconi, RFF-CMCC European Institute on Economics and the Environment

Massimo Tavoni | Politecnico di Milano, CMCC/EIEE

Time: 18:00 – 18:30 | 📍 **Garden in front of the Library**

Networking@PDAS Seminar | Social gathering with drinks



DAY 2 – TUESDAY 30TH JUNE

Time: 8:45 – 9:00 | 📍 Sala Ágora

Arrivals & Welcome desk

Sandra Ferreira | Administrative Assistant of the PDAS

Time: 9:00 – 11:00 | 📍 Departamental Building

Parallel Session I

Track 5 – Sustainability Transformations | 📍 Room 105 | Chair: **Tomás B. Ramos**

Track 6 – Water Use, Recycling and Reuse | 📍 Room 115 | Chair: **Marta Martins**

Track 7 – Ocean and Coastal Management | 📍 Room 117 | Chair: **Alexandra Ribeiro**

Time: 11:00 – 11:30 | 📍 Library Bar

Coffee and Tea Break

Time: 11:30 – 12:00 | 📍 Sala Ágora

PhD Group Work: Collaborative Sustainability Research Workshop

Tomás B. Ramos | Coordinator of the PDAS, NOVA FCT

Alexandra Ribeiro | Scientific Committee of the PDAS, NOVA FCT

Marta Martins | Scientific Committee of the PDAS, NOVA FCT

Graça Martinho | Scientific Committee of the PDAS, NOVA FCT

Time: 12:00 – 13:00 | 📍 Sala Ágora

Students Committee Session

Chair: **Carolina Castro, Catarina Santos, Diogo Sousa, Inês Pereira and Salomé Bessa**

Clarification Regarding Training Sessions Offered by the Library, the Psychological Support and Vocational Counseling Office, and IRIS Research Support Office - NOVA FCT

Time: 13:00 – 14:30 | 📍 Library Bar

Lunch Break

Time: 14:30 – 16:00 | 📍 Sala Ágora

Pitch Presentation Collaborative Sustainability Research Workshop

Chair: **Marta Martins** | Scientific Committee of the PDAS, NOVA FCT

Jury: **Lara Reis** | NOVA FCT

Miguel Martins | IRIS Research Support Office - NOVA FCT

Time: 16:00 – 16:15 | 📍 Library Bar

Coffee and Tea Break

Time: 16:15 – 18:00 | 📍 Sala Ágora

Pitch Presentation Collaborative Sustainability Research Workshop

Chair: **Alexandra Ribeiro** | Scientific Committee of the PDAS, NOVA FCT

Jury: **Lara Reis** | NOVA FCT

Miguel Martins | IRIS Research Support Office - NOVA FCT

Time: 18:00 – 18:30 | 📍 Garden in front of the Library

Networking@PDAS Seminar | Social gathering with drinks



DAY 3 – WEDNESDAY 1ST JULY

Time: 8:45 – 9:00 | 📍 **Sala Ágora**

Arrivals & Welcome desk

Sandra Ferreira | Administrative Assistant of the PDAS

Time: 9:00 – 11:00 | 📍 **Departamental Building**

Parallel Session I

Track 8 – Ecosystem Services | 📍 Room 105 | Chair: **Rosa Paiva**

Track 9 – Circular Economy and Waste Management | 📍 Room 115 | Chair: **Tomás B. Ramos**

Track 10 – Energy and Climate | 📍 Room 117 | Chair: **Alexandra Ribeiro**

Time: 11:00 – 11:30 | 📍 **Library Bar**

Coffee and Tea Break

Time: 11:30 – 12:15 | 📍 **Sala Ágora**

After the PhD - Talk

Chair: **Catarina Santos** | Students Committee

Speakers: **Ana de Jesus**

João Brinco

Naiara Casagrande

Time: 12:15 – 12:45 | 📍 **Sala Ágora**

How to engage with CENSE and MARE: Research Hubs of the PhD Program

Francisco Ferreira | CENSE

Rita Maurício | MARE

Time: 12:45 – 13:00 | 📍 **Garden in front of the Library**

PDAS Group Photo — PhD Annual Seminar 2025

Time: 13:00 – 14:30 | 📍 **Library Bar**

Lunch Break

Time: 14:30 – 14:45 | 📍 **Sala Ágora**

Prize for the best Collaborative Sustainability Research

Chair: **Alexandra Ribeiro** | Scientific Committee of the PDAS, NOVA FCT

Time: 14:45 – 15:00 | 📍 **Sala Ágora**

Closing and evaluation

Tomás B. Ramos | Coordinator of the PDAS, NOVA FCT



DETAILED PROGRAM – PARALLEL SESSIONS

PARALLEL SESSIONS 1

TRACK 1 - SUSTAINABILITY TRANSFORMATIONS

📍 Room: 105 | 🧑 Chair: Tomás Ramos

Student	Title	Discussants	Supervisors
Arthur Barbosa Friedrich	<i>A System Dynamics-Based Value Network and Scenario Analysis Framework for Circular Economy Implementation in Organisations</i>	Alexandre Silva Francisco Ferreira	Nuno Videira
Thiago Tolentino Muniz	<i>Exploring New Paths for City Regeneration. A roadmap for Urban Innovation Ecosystems using the SDG-11 target compass</i>	Carla Fortuna Ana de Jesus	Rita Lopes Giulia Sonetti
Carla Patrícia Melo Fortuna	<i>The Influence Of Multi-Level Governance On The Effectiveness Of Strategic Environmental Assessment: The Case Of Municipal Master Plans In The Autonomous Region Of The Azores</i>	Thiago Muniz Lara Reis	Helena Calado Tomás Ramos
Alexandre Rodrigues Silva	<i>Towards a Circular Lifestyle: Advancing Circular Economy Assessment and Reporting at the Household Level</i>	Arthur Friedrich Ana de Jesus	Tomás Ramos

TRACK 2 - ENVIRONMENTAL QUALITY AND ECOTOXICOLOGY

📍 Room: 115 | 🧑 Chair: Leonor Amaral

Student	Title	Discussants	Supervisors
Bernardo Malongo José	<i>Assessment Of Plastic Pollution In Namibe Bay, Angola</i>	Inês Pereira Monica Mesquita	Marta Martins Agostinho Cachapa
Carin Caka Emilia Karlsson	<i>Ecosystem Impacts of Sea-Level Rise on the Sado Estuary: How Changes in Tidal Flats Drive Biological Responses and Pollutant Interactions</i>	Pedro de La Patelliere Marta Martins	Carlos David Santos José Alves
Inês Lopes Pereira	<i>Interaction between microplastics and mercury: Impacts on Hg methylation, toxicity and health of aquatic organisms</i>	Carin Karlsson Nazaré Couto	Marta Martins Neusa Figueiredo
Pedro de La Patelliere	<i>Securing Shark Populations: A Collaborative Approach to Mitigating Bycatch and Enhancing Sustainable Fisheries in Portugal</i>	Bernardo José Marta Martins	José Carlos Ferreira Gonçalo Silva

TRACK 3 - OCEAN AND COASTAL MANAGEMENT

📍 Room: 117 | 🧑 Chair: Alexandra Ribeiro

Student	Title	Discussants	Supervisors
Carlos Diniz Calhaz Fonseca	<i>Collaborative governance in co-management. Identifying the role of formal institutions in processes aimed at fisheries co-management, based on the history and emerging legislation in this area.</i>	Reginaldo Siteo José Gonçalves	Lia Vasconcelos
Reginaldo Manuel Siteo	<i>From participation to co-construction of the resilience of coastal communities: Socio-cognitive infrastructure and climate adaptation in living laboratories in Maputo Bay</i>	Elódia Miguel André Nouri	José Carlos Ferreira
Elódia Júlia Miguel	<i>Co-Designing Living Maps With Fishing Communities. From Tokenism Towards Participation in Ka Tembe, Mozambique</i>	Carlos Fonseca Vanessa Correia	Mónica Mesquita Jörn Seemann

TRACK 4 - MODELS, DATA AND AI

📍 Room: 114 | 🧑 Chair: Joana de Melo

Student	Title	Discussants	Supervisors
António Galvão	<i>Data and Algorithms Written for Nature</i>	Theo Fernandes Gonçalo Silva	João Joana de Melo
Cristina Loureiro Reis	<i>Eco-Agency Human-nature relations amid ubiquitous technologies</i>	Anacrista Milcinho João Pedro Gouveia	António Câmara
Anacrista Milcinho	<i>Technologies in the Service of Environmental Education – Video Editing and Its Role in the Protection of Marine and Coastal Environments in Sofala Mozambique</i>	Cristina Reis João Brinco	José Carlos Ferreira
Theo Rangel Fernandes	<i>Hybrid Artificial Intelligence Systems for Decision Support in Water Services: Integrating Generative AI, Machine Learning and Deterministic Validation in Regulatory and Operational Contexts</i>	António Galvão Miguel Sequeira	António Camara



PARALLEL SESSIONS 2

TRACK 5 - SUSTAINABILITY TRANSFORMATIONS

📍 Room: 105 | 🗑️ Chair: Tomás Ramos

Student	Title	Discussants	Supervisors
Leonilde Fernando Matlombe	<i>Sustainability and Resilience in Local Disaster Risk Management Committees in Mozambique: Institutional, Financial, and Social Challenges</i>	Ana Santos Vieira Katherine Mahoney	Lia Vasconcelos
Shervin Hamedani	<i>Assessing the Societal Impacts of Sustainability Reporting. A Study of Internal and External Stakeholder Responses in the Private Sector</i>	Michael Israel Joanaz de Melo	Tomás Ramos
Michael Israel	<i>A Novel and Smart Solution for Energy Reduction in Service Buildings: Effects at Micro and Macro levels in Cairo Megacity</i>	Shervin Hamedani Miguel Sequeira	Shenouda Mekhael Patrícia Fortes
Ana Rita Mota Martinho	<i>Future sustainable roles of hydrogen in Iberian Energy System: flexibility and hard-to-abate sectors</i>	Leonilde Matlombe André Nouri	Patrícia Fortes
Ana Santos Vieira	<i>Women Fish Processor In Tâmbwa. Weaving Knowledge Nets To Strengthen The Local Sociocultural & Ecological Relations</i>	Ana Martinho Paulo Diogo	Monica Mesquita

TRACK 6 - WATER USE, RECYCLING AND REUSE

📍 Room: 115 | 🗑️ Chair: Marta Martins

Student	Title	Discussants	Supervisors
Carlos Rodrigues	<i>Circular Performance Evaluation with 4 R Model in Treatment Systems: From Wastewater Treatment Plants to Bio-Factories</i>	Sandra Duarte Eduardo Mateus	Leonor Amaral
Sandra Duarte	<i>Resilience of public water supply systems in the Mediterranean - Aportadura Case Study</i>	João Pequeno José Gonçalves	Rita Maurício
Diogo Borges Sousa	<i>Upcycling Of Water Treatment Sludge - A low-cost adsorbent barrier for the removal of Pollutants of Emerging Concern in wastewater</i>	Tomás Cristina João Brinco	Rita Maurício Marta Bernardo
Tomás de Oliveira Cristina	<i>Electrochemical Strategies for Pesticide Removal from Municipal Wastewater: From Environmental Monitoring to Pilot-Scale Implementation</i>	Carlos Rodrigues Leonor Amaral	Nazaré Couto Eduardo Mateus
João Daniel Pequeno	<i>Cold Plasma for Safe Water Reuse and Disinfection: Reactor Engineering, Scalable Microbial Inactivation and Antibiotic Degradation</i>	Diogo Sousa Nazaré Couto	José Gonçalves Rita Maurício

TRACK 7 - OCEAN AND COASTAL MANAGEMENT

📍 Room: 117 | 🗑️ Chair: Alexandra Ribeiro

Student	Title	Discussants	Supervisors
Fernando Momade	<i>Sustainable Livelihood Alternatives with Coastal Communities in Namputa, Mozambique</i>	Benvindo Reis Mário Ramos	Monica Mesquita
Felipe Alvarado	<i>Fishing Discards into Arte-Xávega in Costa da Caparica, Portugal. A transdisciplinary study</i>	Rogério Cuinhane Gonçalo Silva	Monica Mesquita
Rogério Cuinhane	<i>Sustainable Coastal Adaptation of the City of Beira</i>	Fernando Momade Laurent Drouet	José Carlos Ferreira
Benvindo Marques dos Reis	<i>Sustainable management of marine species in Cabo Verde: The linkages among fishing, tourism and nature conservation</i>	Felipe Alvarado José Carlos Ferreira	Yorgos Stroudakis Francisco Ferreira



PARALLEL SESSIONS 3

TRACK 8 - NATURAL SYSTEMS AND ECOSYSTEM SERVICES

📍 Room: 105 | 🗑️ Chair: Rosa Paiva

Student	Title	Discussants	Supervisors
Luisa Jordão Nascimento	<i>Socio-technical resilience of coastal critical infrastructures: an integrated model for multisectoral assessment and adaptive planning under climate change</i>	Evanilton Pires Paulo Dlogo	José Carlos Ferreira Zara Teixeira
Maria Conceicao Santos	<i>The blue economy and the sustainable development of coastal communities: a conceptual model for analysis based on Ocean Accounts</i>	Catarina Santos Katherine Mahoney	Rui Santos
João Silva Campôa	<i>Past, Present and Future of Pine Forest Dynamics: Disturbances caused by Climate Change and Defoliation</i>	Luisa Nascimento Gonçalo Silva	Teresa Calvão Carla Pimentel
Evanilton Pires	<i>From Detection to Remediation of Organic Contaminants in Agricultural Soils: A Case Study in Angola</i>	João Campôa Leonor Amaral	Nazaré Alves Alexandra Ribeiro
Catarina Jôia Santos	<i>Nature-based Solutions for Coastal Protection</i>	Maria Santos Laurent Drouet	José Carlos Ferreira Michael Beck

TRACK 9 - CIRCULAR ECONOMY AND WASTE MANAGEMENT

📍 Room: 115 | 🗑️ Chair: Tomás Ramos

Student	Title	Discussants	Supervisors
Ana Vanessa Alves	<i>Development Of An Integrated Model For Managing Agricultural Plastic Waste</i>	Rui Soares Vanessa Correia	Graça Martinho
João Ana	<i>Municipal Solid Waste Management Planning with Special Focus on the Collection Stage</i>	Sandra Lopes Mário Ramos	Ana Silveira
Sandra Isabel Candeias Lopes	<i>Circular Economy in Impact Assessment: Operationalizing Circularity in EIA Follow-Up</i>	Maria Correia Miguel Sequeira	Ana de Jesus Tomás Ramos
Maria José Correia	<i>Biodegradability of bioplastics in composting conditions</i>	João Ana João Brinco	Ana Silveira
Rui Soares	<i>Evasive methods for assessing the content of metal waste and electrical and electronic waste at waste disposal sites</i>	Ana Alves Eduardo Mateus	Ana Silveira

TRACK 10 - ENERGY AND CLIMATE

📍 Room: 117 | 🗑️ Chair: Alexandra Ribeiro

Student	Title	Discussants	Supervisors
José Rodríguez Algeciras	<i>Cultural heritage and climate change: Holistic approach on urban thermal bioclimate and adaptive strategies in World Heritage Cities</i>	Inês Valente Francisco Ferreira	André Nouri
Paul Yohanna	<i>Multidimensional Analysis of Energy Poverty and Its Impacts on Climate Change Across Nigeria's Six Geopolitical Zones: Towards Sustainable Energy Solutions and Climate Resilience.</i>	Evandro Ferreira Joanaz de Melo	João Pedro Gouveia
Evandro Cesar Ferreira	<i>Renewable Energy Communities: A Roadmap of How CERs Can Act to Mitigate Energy Poverty and Increase Citizen Participation in the Transition in All the 7 Regions of Portugal</i>	Paul Yohann Francisco Ferreira	João Pedro Gouveia
Inês Monteiro Valente	<i>Empowering Tomorrow's Generation: Exploring early life experiences of energy poverty and thermal comfort at school in Portugal</i>	José Algeciras André Nouri	João Pedro Gouveia Hugo Silva



NETWORKING@PDAS SEMINAR

Meet other PDAS students and the academic staff for a chat at the after-seminar gathering, taking place from around 18:00h onwards in the outdoor spaces of NOVA FCT Campus – Garden in front of the Library. Drinks will be provided.

VENUE AND LOCAL INFORMATION

VENUE ADDRESS & TRAVEL DETAILS

Sala Ágora, Library Building

NOVA School of Science and Technology, NOVA University Lisbon

NOVA School of Science and Technology is accessible via public transport from Lisbon by either catching the tram (Metro Sul do Tejo) from Pragal train station to the university station. Alternatively, the Carris bus 3711 also runs between Lisbon and the faculty.

Please check the websites below, for detailed information on how to get to NOVA School of Science and Technology or Google Maps for specific travel routes and times.

<https://www.fct.unl.pt/faculdade/como-chegar-fct>

<https://www.mts.pt/mts/>

<https://www.carrismetropolitana.pt/>



INFORMATION DESK

The information desk will be staffed by Mrs. Sandra Ferreira and is located in the entrance of the venue, Sala Ágora (Library Building) and it will remain open for the duration of the workshop for any queries related to the workshop.

SESSIONS

The plenary sessions will take place in “Sala Ágora”, library building, and parallel sessions in rooms 105, 114, 115 and 117 at Departamental Building, Environmental Sciences and Engineering ward.

Please check the following image to guide you through the campus.

- Library building – red box;
- Departamental building – green box





COFFEE BREAK/LUNCH

The coffee breaks, as well as the lunch, will take place in the library restaurant. Vegetarian options will be included in the lunch.

SUPPORT SERVICES

For any specific queries about the seminar please contact:

Mrs. Sandra Ferreira

PDAS Administrative Assistant

Email: sf@fct.unl.pt

Tel: 212949670

Department of Environmental Sciences and Engineering

NOVA School of Science and Technology

NOVA University Lisbon

CALENDAR 2025-2026 – IMPORTANT DATES

1st Year Students: Submission and Discussion of PhD Plan

For students enrolled in the 1st semester:

- Submission of the Thesis Plan: 31st of July 2026
- Presentation and discussion with Thesis Advisory Committee (TAC): 30th of September 2026

2nd and 3rd Year Students: Annual TAC meeting

Presentation and discussion with TAC: 30th of September 2026



ACKNOWLEDGEMENTS

Keynote Speakers, Track Chairs and Discussants

We would like to thank the Keynote Speakers, Track Chairs, Discussants for presenting, chairing, and reviewing the scientific works at the PDAS annual event. We wish you all a warm welcome and hope that you enjoy the Seminar.

NOVA FCT Services

We would like to thank to all the NOVA FCT services that provided support for the organization of the 11th Annual Seminar of the PhD Programme in Environment and Sustainability Studies.