BioBlitz UTAD '25

Conhecer para preservar!

Learn to preserve!

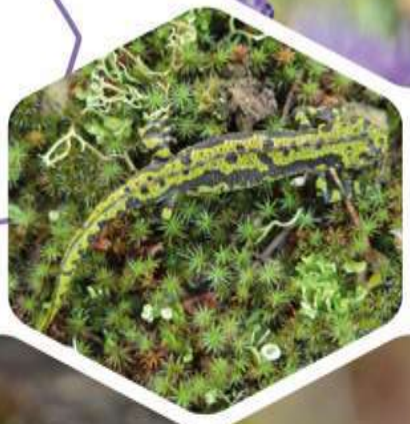
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+ info:

agroverde.utad.pt/bioblitz-utad25/

Juntos por um planeta mais vivo

Together for a more thriving planet

utad | ICA Association for European Life Science Universities | agro @tec verde | PRR | REPÚBLICA PORTUGUESA | Financiado pela União Europeia NextGenerationEU | CITAB | FI IN

BioBlitz UTAD '25

Conhecer para preservar!

Learn to preserve!

As part of the ICA Biodiversity Challenge 2025, UTAD is organizing the BioBlitz UTAD 2025 – Learn to Preserve!, an initiative dedicated to monitoring and recording biodiversity on the university campus and in Parque Corgo. The event takes place from April 30 to June 27, 2025, and invites the entire community — students, faculty, researchers, staff, visitors, and citizens of Vila Real — to explore and appreciate the local ecosystems.

More than a scientific challenge, BioBlitz UTAD 2025 is an invitation to citizen science and environmental awareness, with the support of specialists who will guide participants in species identification and in discovering the nature around us.

Together for a more thriving planet!

Biodiversity Groups

	**Amphibians and reptiles**
	**Aquatic invertebrates**
	**Lepidoptera**
	**Terrestrial invertebrates and pollinators**
	**Mammals**
	**Bats**
	**Birds**
	**fish**
	**Flora and Vegetation (terrestrial and aquatic)**
	**Cryptogamic (microalgae & bryophytes) and lichens**
	**Fungi**

BioBlitz UTAD '25

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Learn to preserve!

Biodiversity inventory area



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Activities*

* No prior registration is required to participate in the activities — you just need to be present at the indicated time and place. If you wish to secure a place or get more specific information about the activity, you may contact the person responsible for it directly.

Abr 30

Online

10H:00-10H:45

Biodiversity Challenge

ICA Biodiversity Challenge Kick-off

MAI 7

Café Concerto

20H00-22H00

Field trip for inventory

Let's discover amphibians in the Corgo River

Responsible Aurora Monzón Capapé . Sílvia Martins . Nazaret Crespo Crotina

Colaboradores Gonçalo Monzón Carneiro . Aitana Martins

MAI 7

UTAD Chapel

11H00-12H00

Activity JBUTAD01

The Botanical Garden: Geography, Landscape and Place

Responsible Frederico Meireles

Contributors Catarina Silva

MAI 7

UTAD Chapel

14H00-17:00

Lecture with field trip to the UTAD Botanical

Floristic diversity of the Botanical Garden and its importance for bees

Responsible António Luís Crespi . Paulo Russo Almeida

MAI 7

UTAD Chapel

14H30-16H30

Field trip

WWTPs, aquatic phyto-wastewaters and natural bioremediation in aquatic ecosystems

Responsible António Pirra

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MAI 7

UTAD Chapel

16H45-18H45

Field trip

Identification of birds, flora, vegetation, and mammals in natural and constructed ecosystems

Responsible António Pirra

MAI 8

ECAV Medical Microbiology Laboratory **

10H00-11H15

Interactive Workshop

"Where do resistant genes come from?": Introduction to environmental health research

***participants must wear lab coats*

Responsible Patricia Poeta , Telma de Sousa , Catarina Silva , Catarina Freitas

MAI 9

Laboratory Complex Atrium

08H30-11H30

Field trip

Fly through UTAD Campus

Responsible Paulo Travassos

MAI 9

Vila Real Science Center

14H30-17H30

Activity

Rivers Project with Escola do Corgo

Registrations closed

Responsible Centro de Ciência de Vila Real

MAI 9, 10 e 17

Informations

Training Course

Douro – Sustainability Laboratory

Registrations closed

Responsáveis Artur Sá

MAI 12

H.01 Polo II ECAV (Ed. Forestry Sciences)

14H30-15H15

Talk

Dating old trees

Responsáveis José Luís Louzada

MAI 13

School of Science and Technology Building - Pole II

(N 41.285893, W 7.743382)

17H00-19H00

Workshop

Get to Know the Trees Around Us at UTAD Campus

Responsible João Paulo Fidalgo Carvalho

MAI 14

UTAD Chapel

11H00-12H00

Ativity JBUTAD02

The landscape and plants of the Botanical Garden

Responsible Frederico Meireles

Contributors Catarina Silva

BioBlitz UTAD '25

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MAI **14**

Entrance of Pole II ECAV (Forestry Sciences Building)

17H30-19H30

Field Trip

Identifying Herpetofauna on UTAD Campus

Responsible Aurora Monzón Capapé . Sílvia Martins . Nazaret Crespo Crotina

Collaborators Gonçalo Monzon Carneiro . Aitana Martins

MAI **14**

Botanical Garden Herbarium

14H00-17H00

Talk and Field Trip

The Legacy of the Meso-Neolithic. Ecological Functioning of Agro-Systems through Flora

Responsible António Luís Crespi

MAI **15**

Vila Real Science Center (Corgo Park)

09H30-16H30

Atividade



Macroinvertebrates: bioindicators of water qualty

Registrations closed

Responsible Centro de Ciência de Vila Real

MAI **15**

Geosciences Auditorium

09H15-11H15

Course (Theory)

Fish Capture Techniques and Biomonitoring

Responsible João Soares Carrola . António Martinho . Rui Cortes . Joaquim de Jesus

MAI **15**

UTAD Lake (next to the Main Entrance)

11H30-13H15

Course (Practical)

Fish Capture in the Corgo River

Responsible Joaquim de Jesus . Vitor Pereira

Collaborators Mónica Pinto . Ondina Ribeiro . Dércia Santos . Simone Varandas . Edna Cabecinha

MAI **16**

Geosciences Auditorium

09H50-10H10

Talk

Red Book of Freshwater and Diadromous Fish in Portugal

Responsible Maria Filomena Magalhães . Susana Amaral

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MAI 16

Geosciences Auditorium

11H30-11H50

Talk

Importance of Native Fish in the Conservation of Freshwater Mussels in Portugal

Responsible Amílcar Teixeira . Simone Varandas

MAI 19

Vila Real Science Center (Corgo Park)

14H30-16H30

Activity



Macroinvertebrates – Bioindicators of Water Quality

Registrations closed

Responsible Centro de Ciência de Vila Real

MAI 19

Geosciences Auditorium

14H00-14H30

Talk

Pollinators in Action – How to Recognize and Value Biodiversity Guardians

Responsible Mónica Pinto

MAI 19

Pedrinhas Atrium – UTAD

14H30-16H30

Field Survey

Pollinator Inventory at UTAD Campus North

Responsible Mónica Pinto

MAI 19

Pedrinhas Atrium – UTAD

16H30-18H30

Field Survey

Pollinator Inventory at UTAD Campus South

Responsible Mónica Pinto

MAI 19

H.01, Pole II ECAV (Forestry Sciences Building)

16H00-16H45

Talk

Biodiversity in Forests with Landscape Potential

Responsible Domingos Lopes

MAI 20

Pousada School Garden, Vila Real

09H30-11H30

Atividade

Pollinators and the treasure hunt

Registrations closed

Responsible Edna Cabecinha. Maria Moreira . Simone Varandas . Mafalda Vaz de Carvalho

Uma parceria entre a UTAD e a Câmara Municipal de Vila Real

MAI 20

Corgo Park

14H30-16H30

Atividade (students of S. Pedro Secondary School, Vila Real)

Urban green spaces as vehicles for promoting biodiversity: The importance of pollinators

Registrations closed

Responsible Edna Cabecinha . Maria Moreira . Simone Varandas . Mónica Pinto. Ondina Ribeiro . Mafalda Vaz de Carvalho

Uma parceria entre a UTAD e a Câmara Municipal de Vila Real

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MAI 21

Botanical Garden (starting at the Chapel)

11H00-12H00

Ativity JBUTAD03

Four Botanical Garden collections

Responsible Frederico Meireles

Collaborators Catarina Silva

MAI 21

Geosciences Atrium

09H00-12H00

Workshop

Climate change effects on plant productivity – mitigation and adaptation strategies

Responsible Eunice Bacelar

MAI 21

Vila Real Science Center (Corgo Park)

14H30-17H30

Activity

Rivers Project with Escola do Corgo

Registrations closed

Responsible Centro de Ciência de Vila Real

MAI 21

UTAD Chapel

14H30-16H30

Field Trip

Wastewater Treatment Plants, constructed wetlands and natural bioremediation in aquatic ecosystems

Responsible António Pirra

MAI 21

UTAD Chapel

16H45-18H45

Field trip

Identifying birds, flora, vegetation, and mammals in natural and built ecosystems

Responsible António Pirra

MAI 22

Vila Real Science Center (Corgo Park)

14H30-17H30

Activity

Rivers Project with Escola do Corgo

Registrations closed

Responsible Centro de Ciência de Vila Real

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MAI **22**

Parque Corgo, espaço junto ao Teatro de Vila Real

09H00-16H00



International Day for Biological Diversity

BIO-Fun Day

Join us for a day of fun and nature at Corgo Park in Vila Real! Bring a picnic, your good mood, something to share, and a desire to learn. We'll have games, hands-on learning activities, and plenty of biodiversity to explore!

Responsible UTAD . CMVR

MAI **23**

Vila Real Science Center (Parque Corgo)

14H30-10H10

Activity

Rivers project with Escola do Corgo

Registrations closed

Responsible Centro de Ciência de Vila Real

MAI **26**

Near the Viaduct

14H30-16H30

Field Survey

Pollinator inventory in Corgo Park – moinhos section

Responsible Mónica Pinto

MAI **26**

Near Café Concerto

17H00-18H30

Field Survey

Pollinator inventory in Corgo Park – Theatre section

Responsible Mónica Pinto

MAI **26**

Near to Café Concerto

14H30-16H30

Field Survey



Inventory of aquatic macroinvertebrates in the Corgo River

Responsible Simone Varandas . João Soares Carrola . Edna Cabecinha. Maria José Saavedra

Collaborators Sofia Tomé . Mónica Pinto . Ana Rita Pinto . Ana Luzio . Dércia Santos . Ondina Ribeiro . Rafael Elosu . Ana Gutiérrez . Paulo Ventura . Eva Morais

BioBlitz UTAD '25

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MAI **27**

Geosciences Atrium

14H00-17H00

Field Trip

UTAD Campus – A geo-botanical garden, Corgo cliffs and Biel Power Station -- Industrial Archaeology Museum

Responsible Elisa Preto

Collaborators Paulo Favas, Pedro Pereira

MAI **27-29**

Geosciences Atrium

09H00-18H00



Mineral Fair

Responsible Museu de Geologia

MAI **28**

H 0.10 classroom - Ciências Florestais

15H45-16H15

Talk

Citizen science tools for biodiversity monitoring

Responsible Ricardo Borges

Collaborators Catarina David de Sousa Quinteira

MAI **28**

AAUTAD study room

15H00-15H30

Talk

Honey buzzard and Asian hornet

Responsible Catarina David de Sousa Quinteira

Collaborators Ricardo Borges

MAI **28**

Botanical Garden (starting at the Chapel)

11H00-12H00

Activity JBUTAD04

Discovering mediterranean plants

Responsible Frederico Meireles

Collaborators Catarina Silva

MAI **28**

Biology and Geology Conferences

10H00-10H45

Talk

The importance of citizen science and molecular methods in fungal diversity mapping

Responsible Guilhermina Marques

BioBlitz UTAD '25

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MAI 30

Entrance of Pole II ECAV (Forestry Sciences Building)

18H00-20H00

Workshop

Monitoring and biosafety

Responsible Aurora Monzón Capapé. Sílvia Martins . Nazaret Crespo Crotina

Collaborators Gonçalo Monzón Carneiro . Aitana Martins

JUN 3

Entrance to Corgo Park, near the main car park

17H00-19H00

Workshop

Discovering the trees around us in Corgo Park

Responsible João Paulo Fidalgo Carvalho

JUN 4

Corgo Park entrance via Timpeira

16H00-19H00

Field Trip

Geological tour of Corgo Park

Responsible Anabela Reis . Elisa Preto

JUN 4

Botanical Garden (starting at the Rectorate)

11H00-12H00

Activity JBUTAD05

Discovering resinous plants

Responsible Frederico Meireles

Collaborators Catarina Silva

JUN 4

Laboratory Complex Amphitheatre

14H30-16H00

Workshop indoor

Mapping invasive plants on the UTAD Campus

Responsible Maria Cristina Seixas M. Morais

Collaborators Elisabete Nascimento-Gonçalves . Catarina Medeiros

JUN 4

UTAD Chapel

14H30-16H30

Saída de campo

WWTPs, aquatic phytotreatment and natural bioremediation in aquatic ecosystems

Responsible António Pirra

JUN 4

UTAD Chapel

16H45-18H45

Field trip

Identification of birds, flora, vegetation, and mammals in natural and built ecosystems

Responsible António Pirra

JUN 4

AAUTAD study room

16H10-16H50

Talk

Impacts of microplastics on aquatic and terrestrial ecosystems: an invisible threat to biodiversity

Responsible Dércia Santos . Sandra Mariza Monteiro

BioBlitz UTAD '25

Conhecer para preservar!

Learn to preserve!

JUN 5

Geosciences Atrium

09H30-12H30

Workshop

The effect of climate change on plant productivity – strategies for mitigation and adaptation

Responsible Eunice Bacelar

JUN 5

Vila Real Science Centre (Corgo Park)

09H30-12H30

Atividade

Macroinvertebrates as bioindicators of water quality

Registrations closed

Responsible Centro de Ciência de Vila Real

JUN 5

Medical Microbiology Lab, ECAV

10H00-10H45

Talk

Antibiotic resistance in wildlife: emerging risks for biodiversity

Responsible Patricia Poeta , Vanessa Silva e Jéssica Ribeiro

JUN 6

Room B1. 31, Campus I ECVA

14H30-15H15

Workshop

Earthworms, more than meets the eye

Responsible Ana Coimbra , Marta Roboredo

Collaborators Tiago Azevedo , Paula Oliveira

JUN 6

ECAV Campus II Entrance (Forestry Sciences Building)

17H00-20H00

Workshop

Identifying mammals of the region – signs of presence on UTAD Campus

Responsible Aurora Monzón Capapé , Armando Pereira , Nazaret Crespo Crotina , Gonçalo Monzón Carneiro

JUN 6

Room B1.31, ECVA Polo I

15H30-16H15

Workshop

Living and healthy soils!

Responsible Marta Roboredo , Ana Coimbra

Colaboradores Henda Lopes , Paula Oliveira

BioBlitz UTAD '25

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Learn to preserve!

JUN 11

Laboratory building, near the bar

08H30-10H00

Activity

Birdwatching on the UTAD campus

Responsible Mário Santos

JUN 11

Laboratory Complex Atrium

14H30-16H00

Field Trip

Mapping Invasive Plants on the UTAD Campus

Responsible Maria Cristina Seixas M. Morais

Colaboradores Elisabete Nascimento-Gonçalves , Catarina Medeiros

JUN 11

Botanical Garden (Entrance, Agricultural Sciences Building)

11H00-12H00

Activity JBUTAD06

Discovering the Fagaceae Collection

Responsible Frederico Meireles

JUN 11

UTAD Lake (next to the Main Ent.)

21H30-22H30

Fieldwork

Bats on the loose, Heroes of the night

Responsible Paulo Barros

JUN 12

classroom 3.15, Polo I ECAV

11H30-12H00

Workshop and fieldwork

Learning to know the main groups of insects and terrestrial arthropods

Responsible Maria de Fátima Magalhães Gonçalves

Collaborators Cristina da Conceição Ribeiro Carlos

JUN 12

Sala H 1.11 Ed. Ciências Florestais, Polo II ECAV

14h15

Workshop

Antibiotic Resistance in Aquatic Ecosystems – The Invisible Link Between Humans and Nature

Responsible Maria José Saavedra , Simone Varandas; Edna Cabecinha , Ana Rita Pinto

JUN 16

Geosciences Auditorium

14H00-14H30

Workshop

Pollinators in Action – How to Recognize and Value the Guardians of Biodiversity

Responsible Mónica Pinto

JUN 16

ECAV Campus II Parking

14H30-16H30

Field Survey

Pollinator Inventory on UTAD Campus (Sports Complex)

Responsible Mónica Pinto

BioBlitz UTAD '25

Conhecer para preservar!

Learn to preserve!

JUN 16

ECAV Campus I Parking

16H30-18H30

Field Survey

Pollinator Inventory on UTAD Campus (Campus I, ECAV)

Responsible Mónica Pinto

JUN 16

UTAD Campus and Lab 1.02, Laboratory Complex

09H30-12H30

Field Survey

Os Invisible Worlds – Introduction and Exploration of Cryptogams and Lichens in the Field

Responsible Ana Sampaio

JUN 16

Corgo Park Entrance (Timpeira)

15H00-18H00

Field Trip

Geological Trail in Corgo Park

Responsible Elisa Preto , Anabela Reis

JUN 17

UTAD Chapel

14H30-15H15

Talk

Plant Genetic Resources – A Heritage for Sustainability

Responsible Isaura Castro

JUN 17

Forest Park Parking, near football field

14H30-16H30

Field Survey

Pollinator Inventory at Corgo Park – Forest Park

Responsible Mónica Pinto

JUN 17

UTAD Rectorate Atrium

20H00-20H30

Talk

The Particularities of Moths – Collection and Identification Methods

Responsible Mónica Pinto

JUN 17

Forest Park Parking, near football field

14H30-16H30

Workshop and fieldwork

Learning to know the main groups of insects and terrestrial arthropods

Responsible Maria de Fátima Magalhães Gonçalves

Collaborators Cristina da Conceição Ribeiro Carlos

BioBlitz UTAD '25

Conhecer para preservar!

Learn to preserve!

JUN 17

UTAD Rectorate Atrium

20H30-23H30

SField Survey

Moth Inventory on the UTAD Campus

Responsible Mónica Pinto

JUN 18

UTAD Chapel

14H30-15H15

Talk

Plant Genetic Resources – A Heritage for Sustainability

Responsible Isaura Castro

JUN 18

Laboratory Complex Atrium

14H30-16H00

Field Trip

Mapping Invasive Plants on the UTAD Campus

Responsible Maria Cristina Seixas M. Morais

Collaborators Elisabete Nascimento-Gonçalves . Catarina Medeiros

JUN 18

UTAD Chapel

14H30-16H30

Field Trip

WWTPs, Aquatic Phytotreatment and Natural Bioremediation in Aquatic Ecosystems

Responsible António Pirra

JUN 18

UTAD Chapel

14H30-16H30

Field trip

Identification of Birds, Flora, Vegetation, and Mammals in Natural and Built Ecosystems

Responsible António Pirra

JUN 20

Room B1. 31, Campus I ECVA

14H30-15H15

Workshop



Earthworms, more than meets the eye

Responsible Ana Coimbra . Marta Roboredo

Collaborator Tiago Azevedo . Paula Oliveira

JUN 20

Room B1.31, Polo I ECVA

15H30-16H15

Workshop



Living and healthy soils!

Responsible Marta Roboredo . Ana Coimbra

Collaborator Henda Lopes . Paula Oliveira

JUN 23

Room B1.31, Polo I ECVA

14H30-15H15

Workshop



Earthworms, more than meets the eye

Responsible Ana Coimbra. Marta Roboredo

Collaborator Tiago Azevedo . Paula Oliveira

BioBlitz UTAD '25

Conhecer para preservar!

Learn to preserve!

JUN 23

Room B1.31, Polo I ECVA

15H30-16H15

Workshop



Living and healthy soils!

Responsible Marta Roboredo , Ana Coimbra

Collaborator Henda Lopes , Paula Oliveira

JUN 25

Entrance, Forestry Sciences Building

11H00-12H00

Activity JBUTAD07

Discovering the Arboretum and Forest Collection

Responsible Frederico Meireles

Collaborator Catarina Silva

JUN 27

Online (closing session link available during the last week of the BioBlitz)

14H00-16H30

Biodiversity Challenge

BioBlitz Closing Session and Announcement of the Biodiversity Photography Contest Winners

Together for a more thriving plane!