

## **ANNEXES\_Description**

## **Annexes**

- ANEXO 1\_2025 Article Response of soil biota to agricultural management practices Soil Biology & Biochemistry (Q1)
- ANEXO 2\_2025 Article Tucupitermes, the largest Apicotermitinae from Amazon Zootaxa (Q2)
- ANEXO 3\_2025 Article Morphological and DNA-based identification of earthworms Ecology & Evolution (Q1)
- ANEXO 4\_2025 Book Chapter Soil biology, soil health and ecosystem services —
   Measuring and assessing the biological health of soils
- ANEXO 5\_2025 Technical Guideline BENCHMARKS soil sampling protocol Agricultural & Forest sites — Natural Resources and Bioeconomy Studies 39/2025
- ANEXO 6\_2025 Technical Guideline BENCHMARKS soil sampling protocol Urban systems — Natural Resources and Bioeconomy Studies 41/2025
- ANEXO 7\_2025 Technical Guideline BENCHMARKS soil sampling protocol Agricultural & Forest systems — Natural Resources and Bioeconomy Studies 40/2025
- ANEXO 8\_2025 Preprint Coping with extremes: epigenetic and molecular adaptations in volcanic soils bioRxiv
- ANEXO 9\_2025 Conference Abstract Soil health through macrofauna diversity EGU General Assembly 2025
- ANEXO 10\_2025 Conference Abstract Integrating morphological & molecular approaches to soil biodiversity EGU General Assembly 2024
- ANEXO 12\_2025 MSc Jury Irene Marques Agroecological Transition University of Coimbra
- ANEXO 13\_2025 MSc Jury Isabella Castro-Rebello Environmental DNA metabarcoding University of Coimbra
- ANEXO 14\_2025 MSc Jury Joana Dias Post-fire forest recovery University of Coimbra
- ANEXO 15\_2025 MSc Jury Mariana Sousa Urban soils biodiversity University
  of Minho
- ANEXO 16\_2025 MSc Jury Guilhem Boyer Batdiversity & PPP exposure University of Coimbra
- ANEXO 17\_2025 MSc Jury & MSc Supervision Enrico Chiesa Soil structure complexity University of Trento
- ANEXO 18\_2025 Invited Talk The BENCHMARKS Project Annual Soil Sciences Meeting, Porto
- ANEXO 19\_2025 MSc Supervision Elisabeth Steiner Soil macrofauna intensification gradient University of Coimbra
- ANEXO 20\_2025 MSc Supervision Carolina Santos Bacterial communities & contaminants University of Coimbra

- ANEXO 1\_2024 Article Amazonian earthworm biodiversity & human disturbance
   Science of the Total Environment (Q1)
- ANEXO 2\_2024 MSc Jury Luísa Fraga Soil macrofauna evaluation University of Coimbra
- ANEXO 3\_2024 MSc Jury & Supervision Luísa Fraga Soil macrofauna evaluation
   University of Coimbra
- ANEXO 4\_2024 MSc Jury Mariana Nunes Adaptations of soil organisms University of Coimbra
- ANEXO 5\_2024 MSc Jury Mariana Nunes Adaptations of soil organisms University of Coimbra
- ANEXO 6\_2024 MSc Jury & Supervision Sofia Ramos Mastomys natalensis differentiation University of Coimbra
- ANEXO 7\_2024 Pedagogical Material Manual Organelle genome assembly University of Coimbra
- ANEXO 8\_2024 Pedagogical Material Manual DNA Barcoding and Taxonomical Gap — University of Coimbra
- ANEXO 9\_2024 Pedagogical Material Manual Earthworm barcoding in urban fragments — University of Coimbra
- ANEXO 10\_2024 Pedagogical Material Manual Genetic diversity in lab cultures (barcoding) University of Coimbra
- ANEXO 11\_2024 Pedagogical Material Manual Portable equipment for lab culture diversity University of Coimbra
- ANEXO 12\_2024 Pedagogical Material Informative handouts for student assessments University of Coimbra
- ANEXO 13\_2024 Event Organization BENCHMARKS 1st Annual Meeting & Workshop University of Coimbra
- ANEXO 14\_2024 Event Organization BENCHMARKS Workshop Healthy soils for agriculture — University of Coimbra
- ANEXO 15\_2024 Event Organization BENCHMARKS Workshop Healthy soils for forests — University of Coimbra
- ANEXO 1\_2023 Article Earthworm communities in no-tillage systems Zootaxa (Q2)
- ANEXO 2\_2023 Article High-altitude adaptation in Aporrectodea caliginosa Life Science Alliance (Q1)
- ANEXO 3\_2023 Article Anthropic origin of Amazonian Dark Earths Nature Communications
- ANEXO 4\_2023 Article Carbon & nitrogen storage in Amazonian soils CATENA
- ANEXO 6\_2023 Invited Talk BENCHMARKS WP4 Kick-Off Wageningen University
- ANEXO 1\_2022 Article Macroinvertebrate diversity in Anthropic soils Global Change Biology (Q1)
- ANEXO 2\_2022 Article Pesticides in no-tillage farming Scientific Reports (Q1)

- ANEXO 3\_2022 Article GHG emissions in casts of giant Brazilian earthworm Biology & Fertility of Soils (Q1)
- ANEXO 4\_2022 Article GC-MS fingerprints statistical analysis Chemical Data Collections (Q3)
- ANEXO 5\_2022 Article Micronutrient availability in Amazonian Dark Earths Geoderma (Q1)
- ANEXO 6\_2022 Article Earthworm-biochar interactions Science of the Total Environment (Q1)
- ANEXO 7\_2022 Article Polychaete molecular markers of metal exposure Comp. Biochem. Physiol. C (Q1)
- ANEXO 8\_2022 Article Advancing soil macroecology methods Global Ecology & Biogeography (Q1)
- ANEXO 9\_2022 Article Introductions of Pontoscolex corethrurus Biological Invasions (Q1)
- ANEXO 10\_2022 Article Assessing earthworm populations in Brazil Pesquisa Agropecuaria Brasileira (Q1)
- ANEXO 11\_2022 Preprint Human origin of Amazonian Dark Earths SocArXiv
- ANEXO 12\_2022 Preprint Anthropic origin of Amazonian Dark Earths Earth-ArXiv
- ANEXO 13\_2022 Conference Proceedings Plant productivity in Terra Preta Nova
   FAO Symposium
- ANEXO 14\_2022 PhD Jury Alessandra Santos Earthworm coprolite attributes
   University of Paraná
- ANEXO 15\_2022 Invited Talk Soil biodiversity in Anthropogenic Ecosystems meet. Eco Coimbra 2021
- ANEXO 16\_2022 MSc Supervision Yevheniia Shcheka Apis mellifera microbiome
   University of Coimbra
- ANEXO 17\_2022 MSc Supervision Mary Kate Doherty Bio-based fertilisers & soils USW / TEAGASC
- ANEXO 19\_2022 Outreach Talk Soil macrofauna in human landscapes Global Biodiversity Festival
- ANEXO 20\_2022 Outreach Talk Agroforestry succession systems ESAC Coimbra
- ANEXO A\_2021 PhD Jury Daisy Maryon Population ecology of Utila Iguanas University of South Wales
- ANEXO B\_2021 MSc Jury Mary Kate Doherty Bio-based fertilisers & soils University of South Wales
- ANEXO C\_2021 MSc Jury Yevheniia Shcheka Apis mellifera microbiome University of Coimbra
- ANEXO 1\_2020 Conference Proceedings Earthworms in no-tillage systems (Paraná) 17th National No-Tillage Meeting (Brazil)