

Scientific Performance

Scientific Output - Eval. Criterion 5.1.1 of the Call

Publications (n=41)

Type	Year	Title	Journal/Book	Volume	Issue	Pages	URL	DOI	Authors (normalized)	SJR (year)	Qual SRJ...13	Subject file	JCR IF	Qual SRJ...13	Subject file	Metric Notes
Journal Article	2025	Cucupitermes, the largest Apicotermite (Isoptera, Termitidae) from the Amazon Rainforest	Zootaxa	563B	186	194	link	10.11646/zootaxa.563B.186.194	Azevedo, R.; Acioli, A. N. S.; Heleodoro, R.; Moraes, J. W. de; Brown, G. G.; Kille, P.; Cunha, L.; Azevedo, R. A. de	2025	Q1	Ecology	0.9	Q3	ZOOLOGY	IF source=exact
Journal Article	2025	Response of soil biota to agricultural management practices: A systematic quantitative meta-data-analysis and method selection framework	Soil Biology and Biochemistry	207	NA	1098	link	10.1016/j.smb.2025.109815	Leitao, R.; Felix, D.; Imbert, C.; Corti, A.; Cunha, L.; Symanczik, S.; et al.	2025	Q1	Science	10.3	Q1	Soil Science	JCR IF source=exact

Type	Year	Title	Journal/Vol	Issue	Pages	URL	DOI	Authors (normalized)	SJR (year)	Qual SRJ...	Subject 13 year	IF Qual SRJ...	Subject 13 year	Metric Notes
Journal Article	2025	Comparison of Morphological and DNA-Based Identification Methods to Assess Earthworm (Clitellata: Lumbricidae) Diversity at 25 Permanent Soil Monitoring Sites in Germany	Ecology and Evolution	15	4	e711551	10.1002/evo.5155	Alves, D.; Cunha, L.; Krogh, P. H.; Natal-Da-Luz, T.; Rojo, V.; Römbke, J.; et al.	2025	5.155	Ecology	2.29	Q2 Ecology	IF 9.999999999999998 source=exact
Journal Article	2024	UV-aged polyethylene microplastics' impact on gut microbiome and reproduction of earthworm <i>Eisenia andrei</i>	European Journal of Soil Biology	122	NA	103640	10.1016/j.ejsobi.2024.103640	E.; Silva, A. L. P.; Chelinho, S.; Cunha, L.; Briones, M. J.; Sousa, J. P.	2024	3.363	Soil Science	3.3	Q2 Ecology	IF 9.999999999999998 source=exact

Type	Year	Title	Journal/Volume	Issue	Page(s)	URL DOI	Authors (normalized)	SJR Quality (year)	Subject SRJ...13	JCR Quality (year)	Subject SRJ...13	Metric Notes
Article	2022	Evidence confirms anthropic origin of Amazonian Dark Earths	Nature Communications	13	NA3441	link	U.; Arroyo-Kalin, M.; Schmidt, M.; Huisman, H.; Lima, H. P.; de Paula Moraes, C.; Neves, E. G.; et al.	2022Q1	Biochemistry (miscellaneous)	16.660	Q1	DISCIPLINARY SCI- IF ENCES
Article	2022	Carbon and nitrogen storage and stability by mineral-organic association in physical fractions of anthropogenic dark earth and of reference soils in Amazonia	CATENA	213	NA106185	link	Rajendran, B.; Dieckow, J.; de Freitas Melo, V.; Gardner Brown, G.; Luzia Simon, P.; Alves Ibarr, M.; Cunha, L.; Kille, P.; Network, T.	2022Q6	Biochemistry (miscellaneous)	6.92	Q1	SOILJCR SCI- IF ENCES

Type	Year	Title	Journal/Vol	Issue	Pages	URL	DOI	Authors (normalized)	SJR (year)	SJR Qua- SRJ...13	Subject IF	JCR Qua- SRJ...13	Subject Metric	Notes
Journal Article	2021	Micronutrient availability in Amazonian Dark Earths and adjacent soils	Geoderma	395	NA	115	572	10.1016/j.geoderma.2021.115572	1.50	2021	Ecology	7.42	Q1	BIODIVERSITY CONSERVATION
Journal Article	2021	"Dirty" Footprint: Macroinvertebrate diversity in Amazonian Anthropogenic Soils	Global Change Biology	27	19	457	4591	10.1111/gcb.15752	1.50	2021	Ecology	13.20	Q1	BIODIVERSITY CONSERVATION

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Journal Ar- ti- cle	2022	Pesticides in a case study on no-tillage farming systems and surrounding forest patches in Brazil	Scientific Re- ports	11	1	9839	link 10.1038/s41598-021-88779-3	K. A.; Nicola, V. B.; Dudas, R. T.; Demetrio, W. C.; Maia, L. dos S.; Cunha, L.; Bartz, M. L. C.; et al.	2020Q1	Multidisciplinary	9609	Q1 Q2	SCI-ENC Source=exact
Journal Ar- ti- cle	2021	Univariate statistical analysis of gas chromatogra- phy – mass spectrometry fingerprints analyses	Chemical Data Col- lec- tions	33	NA	1007119	link 10.1016/j.cdc.2021.1007119	Melchior, F. O.; Francison, L.; Brown, G.; Kopka, J.; Cunha, L.; Martinez- Seidel, F.; Madureira, L. A. dos S.; Hansel, F. A.	2020Q3	Chemistry (mis- cella- neous)	27	Q2	CHEMISTRY, MULTI- TI- source=latest DIS- CI- PLINARY
Journal Ar- ti- cle	2021	Emission of greenhouse gases and soil changes in casts of a giant Brazilian earthworm	Biology and Fertil- ity of Soils	57	5	617628	link 10.1007/s00374-021-01552-6	Gomes, J. L. Cremonesi, M. V.; Zanatta, J. A.; Cunha, L.; Drake, H. L.; Brown, G. G.	2020Q1	Soil Sci- ence	7	Q1	SOIL SCI-ENC Source=exact

Type	Year	Title	Journal/Book	Volume	Pages	URL/DOI	Authors (normalized)	SJR (year)	Q1	Subject	IF	Q1	Subject	Metric	
Journal Article	2021	Earthworm-biochar interactions: A laboratory trial using <i>Pontoscolex corethrurus</i>	Science of The Total Environment	777	NA146147	10.1016/j.scitotenv.2020.146147	Feijó, A.; T.; Hansel, F. A.; Maia, C. M.; Guiotoku, M.; Cunha, L.; Brown, G. G.	2020	146147	Polition	Q1	ENVIRONMENTAL SCIENCES	IF	source=exact	
Journal Article	2021	Identifying conserved polychaete molecular markers of metal exposure: Comparative analyses using the <i>Alitta virens</i> (Annelida, Lophotrochozoa) transcriptome	Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology	240	NA108913	10.1016/j.cbpa.2020.108913	Feijó, A.; G.; Pini, J. M.; Short, S.; Cunha, L.; Kille, P.; Watson, G. J.	2020	108913	Animal	4.51	Q1	BIOCHEMISTRY & MOLECULAR BIOLOGY	IF	source=exact
Journal Article	2020	Methods and approaches to advance soil macroecology	Global Ecology and Biogeography	29	10	1674-1690	Wright, J.; León-Sánchez, L.; Burton, V. J.; Cameron, E. K.; Caruso, T.; Cunha, L.; Dirilgen, T.; et al.	2020	156	Ecology	7.14	Q1	ECOLOGICAL ECONOMY	IF	source=exact

Type	Year	Title	Journal/Book	Volume	Pages	DOI	Authors (normalized)	SJR (year)	SJRQual SRJ...13year	JCR SubjectIF 13year	JCRQual SRJ...13year	Subject Metric	Notes
Journal Article	2020	Population genetics and structure of an invasive earthworm in tropical and temperate pastures from Veracruz, Mexico	ZooKeys	941NA	49-69	link 10.3896/zookeys.941NA49-69	Gamino, D.; Gregorio, J.; Cunha, L.; Martínez-Romero, E.; Fragoso, C.; Ortíz-Ceballos, Á. I.	2020	0.94	Animal1.5462	2	ZOOLOGY	IF source=exact
Journal Article	2020	Genetic evidence of multiple introductions and mixed reproductive strategy in the peregrine earthworm <i>Pontoscolex corethrurus</i>	Biological Invasions	22	8 2545-2557	link 10.1007/s10530-020-02270-0	Decaëns, T.; Cunha, L.; Brown, G. G.; da Silva, E.; Bartz, M. L. C.; Baretta, D.; Dupont, L.	2020	0.2	Ecology3.13	Q1	BIODIVERSITY CONSERVATION	IF source=exact
Journal Article	2020	Anthropogenic disturbance and environmental factors drive the diversity and distribution of earthworms in São Miguel Island (Azores, Portugal)	Applied Soil Ecology	145	NA103301	link 10.1016/j.apsoil.2020.104600	Talavera, J.; Cunha, L.; Arévalo, J.; Talavera, I.; Kille, P.; Novo, M.	2020	0.04	Ecology4.0462	Q1	SOIL SCIENCE	IF source=exact

Type	Year	Title	Journal/Vol	Issue	Pages	URL	DOI	Authors (normal- ized)	SJR (year)	Qua- SRJ...13	Subject IF	JCR Qua- SRJ...13	Subject IF	Metric N6tes
Journal Article	2020	Recommendation for assessing earthworm populations in Brazilian ecosystems	Pesquisa Agropecuária Brasileira	55	NA010	1061	10.1590/1678-3921.pab.2020.055.01006	A.; Demetrio, W.; Ferreira, T.; Maia, L. dos S.; Conrado, A. C.; Bartz, M.; et al.	2020	2	Animal Science and Zoology	1.1000	0000000000000000	MULTI-TI-DISCIPLINARY
Journal Article	2019	Unravelling the molecular mechanisms of nickel in woodlice.	Environmental Research	176	NA108	507	10.1016/j.envres.2019.109105	N. G.; Morgado, R. G.; Cunha, L.; Novo, M.; Soares, A. M.; Morgan, A. J.; Loureiro, S.; Kille, P.	2019	10	Environmental Science (miscellaneous)	5.7140	0000000000000000	SCIENTIFIC ENCES
Journal Article	2019	A neotype for Pontoscolex corethrurus (Müller, 1857) (Clitellata)	Zootaxa	4545		124	10.11646/zootaxa.4545.132	W.; Bartz, M. L. C.; Stanton, D.; Conrado, A. C.; Dupont, L.; Taheri, S.; Silva, E.; Cunha, L.; Brown, G.	2019	27	Animal Science and Zoology	0.9543	0000000000000000	IF source=exact

Type	Year	Title	Journal/Vol	Issue	Pages	URL	DOI	Authors (normal- ized)	SJR (year)	Qua- SRJ...13	Subject IF	JCR Qua- SRJ...13	Subject Metric	
Journal Ar- ti- cle	2016	Complex taxonomy of the ‘brush tail’ peregrine earthworm Pontoscolex corethrurus	Molecular Phy- loge- netics and Evo- lution	124	NA60- 70	link	10.1016/j.ympev.2016.02.021	James, S.; Roy, V.; Decaëns, T.; Williams, B.; Anderson, F.; Rougerie, R.; et al.	2016	Q2	Genetics	3.99	Q1	EVOLUTIONARY BI- IF OL- source=exact OGY
Journal Ar- ti- cle	2017	Genetic variation in populations of the earthworm, Lumbricus rubellus, across contaminated mine sites	BMC Ge- netics	18	1 97	link	10.1186/s12863-017-0557-8	C.; Cunha, L.; Sechi, P.; Kille, P.; Spurgeon, D.	2017	Q2	Genetics	3.46	Q1	HEREDITY & IF HEREDITY source=exact
Journal Ar- ti- cle	2017	A large set of microsatellites for the highly invasive earthworm Amyntas corticis predicted from low coverage genomes	Applied Soil Ecol- ogy	119	NA152- 155	link	10.1016/j.apsoil.2017.06.019	Thornber, A.; Kille, P.; Morgan, A.; Novo, M.	2017	Q1	Ecology	2.91	Q1	SCI- IF ENCE source=exact

Type	Year	Title	Journal/Book	Volume	Pages	URL/DOI	Authors (normalized)	SJR (year)	Qualis SRJ...13	Subject IF	JCR Qualis SRJ...13	Subject Metric
Journal Article	2018	Biological endpoints in earthworms (<i>Amyntas gracilis</i>) as tools for the ecotoxicity assessment of soils from livestock production systems	Ecological Indicators	95	NA984-990	link 10.1016/j.ecolind.2018.09.045	P. J. C. Rodrigues, A. dos S.; Bernardo, F.; Barreto, M. do C.; Cunha, L.; Poeta, P.; Garcia, P.	2018	Q1	ENVIRONMENTAL SCIENCES	Q1	ENVIRONMENTAL SCIENCES
Journal Article	2017	The complete mitochondrial DNA sequence of the pantropical earthworm <i>Pontoscolex corethrurus</i> (Rhinodrilidae, Clitellata): Mitogenome characterization and phylogenetic positioning	ZooKeys	688	NA1-13	link 10.3897/zookeys.688.13721	A. C.; Arruda, H.; Stanton, D. W.; James, S. W.; Kille, P.; Brown, G.; Silva, E.; et al.	2017	Q2	Animal Science	Q3	ZOOLOGY

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Journal Ar- ti- cle	2011	Multiple introductions and environmental factors affecting the establish- ment of invasive species on a volcanic island	Soil Biol- ogy and Bio- chem- istry	85	NA89- 100	link	10.1016/j.sbsb.2010.10.010	Nejima, M.; Cunha, L.; Maceda- Veiga, A.; Talavera, J.; Hodson, M.; Spurgeon, D.; Bruford, M.; Morgan, A.; Kille, P.	2010	2.10	Soil Sci- ence	4.15	2010	SCIENCE ENCL	Source=exact
Journal Ar- ti- cle	2011	The functional ghost in the genome machine: Holistic mapping of en- vironmentally induced changes in the epigenome of a soil sentinel	Toxicology Letters	229	Suppl 18	link	10.1016/j.toxlet.2010.09.005	Andre, J.; Cunha, L.; Morgan, A. J.; Spurgeon, D.; Kille, P.	2010	2.09	Toxicology	3.26	2011	TOXICOLOGY IF	source=exact
Journal Ar- ti- cle	2011	Living on a volcano's edge: genetic isolation of an extremophile terrestrial metazoan	Heredity	112	132- 142	link	10.1038/hdy.2013.82	Montiel, R.; Novo, M.; Orozco- Terwengel, P.; Rodrigues, A.; Morgan, A. J.; Kille, P.	2011	3.84	Genetics	3.80	2011	GENETICS IF	source=exact

Type	Year	Title	Journal/Vol	Issue	Pages	DOI	Authors (normalized)	SJR (year)	SJR Qua	Subject SRJ...13	JCR IF	JCR Qua	Subject SRJ...13	Metric Notes
Journal Article	2011	Morphometry of the epidermis of an invasive megascolecoid earthworm (<i>Amyntas gracilis</i> , Kinberg 1867) inhabiting actively volcanic soils in the Azores archipelago	Ecotoxicology and Environmental Safety	74	25-32	link 10.1016/j.ecoenv.2010.08.004	Cunha, L.; Campos, I.; Montiel, R.; Rodrigues, A.; Morgan, A. J.	2010	0.10	0.10	2.29	0.2	ENVIRONMENTAL SCI-ENCE	Source=exact
Journal Article	2011	Altered inorganic composition of enamel and dentin in mice teeth chronically exposed to an enriched mineral environment at Furnas, São Miguel (Azores)	Arquipelago de Life and Marine Sciences	28	NA33-37	link NA	Cunha, L.; Zanon, V.; Amaral, A.; Ferreira, J.; Rodrigues, A. dos S.	2011	NA	NA	NA	NA	NA	Not Indexed

Type	Year	Title	Journal/Book	Volume	Pages	URL/DOI	Authors (normalized)	SJR (year)	SJRQua (year)	SubjectIF (year)	JCRJCR (year)	QuaSRJ (year)	SubjectIF (year)	Metric
Journal Article	2007	A case of simultaneous hermaphroditism in the Azorean endemic limpet <i>Patella candei gomesii</i> (Mollusca: Patellogastropoda), a gonochoristic species	Invertebrate Re-Production and Development	504	203-205	link 10.1080/01924259.2007.1552247	Martins, G.; Amaral, A.; Rodrigues, A.; Cunha, L.; Martins, G. M.; Amaral, A.; Rodrigues, A.	2007	26.52	10.658947	2007	26.52	10.658947	IF source=exact

Chapters (n=2)

Type	Year	Title	Journal/Book	Volume	Pages	DOI	URL	Authors (normalized)	SJR (year)	SJRQua (year)	SubjectIF (year)	JCRJCR (year)	QuaSRJ (year)	SubjectIF (year)	QuaSRJ (year)	Metric
Book Chapter	2025	Soil biology, and soil health and ecosystem services: an overview of soils	Measuring and Assessing the Health of Soils	N/A	N/A	10.19103/azq.2025.0150	link	Müller, T.; Chavez Rodriguez, L.; David, F.; Di Lonardo, D.P.; Garsia, A.; Creamer, R.E.; Bünemann, E.K.; Soinne, H.; Cheval, P.; Basile, A.; Bacq-Labreuil, A.; Nordén, J.; Cunha, Luis; Imbert, C.; Boix-Fayos, C.	2025	N/A	N/A	2025	N/A	N/A	N/A	Book chapter, metrics not applicable

Type	Year	Title	Journal/Vol- ume	Issue	Pages	DOI	URL	Authors (normalized)	SJR			JCR			Metric
									(year)	Quality	Score	(year)	Quality	Score	
Book	2018	The	Managing	NANA	1974	10.19108/psw.2017.003.11		Silva, E.; Thomazini, M. J.; Niva, C. C.; Decaëns, T.; Cunha, L. F. N.; Nadolny, H. S.; et al.	2018	NANA	NANA	NANA	NANA	NANA	Book
Chap- ter		role of soil fauna in soil health and de- livery of ecosys- tem ser- vices	soil health for sus- tain- able agri- cul- ture Vol- ume 1		241										chap- ter, met- rics not ap- pli- ca- ble

Technical Publications (n=4)

Type	Year	Title	Commissioning		URL	Authors	Language	Status	Notes
			body / Venue	Report No.					
Techni- cal Re- port	2008	Contributo Para O Con- hecimento Da Biodiver- sidade Marinha Da Ilha Das Flores	Universidade dos Açores	NA	link	Dionisio, M.A.; Micael, J.; Parente, M.; Norberto, R.; Cunha, A.; Brum, J.M.M.; Cunha, L.; Lopes, C.; Monteiro, S.; Palmero, A.M.; Costa, A.C.	Portuguese	NA	Published
Guide / Pro- to- col	2025	BENCHMARKS soil sampling protocol: Guidelines for agricultural and forest experimen- tal sites	Natural Resources Institute Finland, Natural Resources and Bioe- conomy Studies	39/2025	link	Symanczik, S.; Lori, M.; Bacq-Labreuil, A.; Basile, A.; Beriot, N.; Berlin, A.; Bünnemann, E.K.; Cheval, P.; Cunha, L.; David, F.; Di Lonardo, P.; Götzinger, S.; Grahmann, K.; Hofman, J.; Mäkipää, R.; Möller, J.; Reis, F.; Sandén, T.; Törmänen, T.; Creamer, R.	English	Published	ISBN 978-952-419-062-6

Type	Year	Title	Commissioning body / Venue	Report No. URL	Authors	Language	Status	Notes
Guideline/ Pro- to- col	2025	BENCHMARKS soil sampling protocol: Guidelines for urban systems	Natural Resources Institute Finland, Natural Resources and Bioe- conomy Studies	41/2025	Cheval, P.; Symanczik, S.; Lori, M.; Basile, A.; Beriot, N.; Berlin, A.; Bünemann, E.K.; Creamer, R.; Cunha, L.; David, F.; Di Lonardo, P.; Götzinger, S.; Hofman, J.; Mäkipää, R.; Möller, J.; Reis, F.; Sandén, T.; Törmänen, T.; Vasenev, V.; Schwartz, C.	English	Published	ISBN 978- 952- 419- 064- 0
Guideline/ Pro- to- col	2025	BENCHMARKS soil sampling protocol: Guidelines for agricultural and forest systems	Natural Resources Institute Finland, Natural Resources and Bioe- conomy Studies	40/2025	Symanczik, S.; Lori, M.; Bacq-Labreuil, A.; Beriot, N.; Berlin, A.; Bünemann, E.K.; Cheval, P.; Creamer, R.; Cunha, L.; David, F.; Di Lonardo, P.; Götzinger, S.; Hofman, J.; Mäkipää, R.; Martínez-Mena, M.; Möller, J.; Reis, F.; Sandén, T.; Törmänen, T.; Mulder, T.	English	Published	ISBN 978- 952- 419- 063- 3

Preprints (n=6)

Type	Year	Title	Platform	Volume	Page	DOI/URL	Authors (normalized)
Preprint	2025	Developing with extremes: How Epigenetic and Molecular Adaptations Enable Earthworms to Thrive in Volcanic Soils	bioRxiv	N/A	2025-10-11	10.1101/2025.07.24.665178	Alonso, M.; Hodson, M.E.; Camarinho, R.; Viveiros, F.; Silva, C.; Arruda, H.; Rodrigues, A.S.; Bruford, M.; Short, S.; Morgan, A.J.; Spurgeon, D.; Kille, P.; Cunha, L.

Type	Year	Title	Platform	Volume	Page	DOI	URL	Authors (normalized)
Preprint	2025	Establishing DNA-Based Strategies for Soil Biodiversity Assessment: Insights from Carabid Beetles	Authorea	NANA	10.22541/au.173705744	10.34018/13705744	https://orcid.org/0000-0001-9151-4108	Mendes, S.; Leitão, R.; Bartz, M.; Nascimento, E.; Costa, J.; Sousa, J.P.; Cunha, L.
Preprint	2024	Archaeology and ethnography demonstrate a human origin for Amazonian Dark Earths	SocArXiv	NANA	5349.31285	10.21203/rs.3.rs-3811311/v1	https://doi.org/10.21203/rs.3.rs-3811311/v1	McKey, D.; Arroyo-Kalin, M.; Lima, H.P.; Moraes, C.P.; Neves, E.G.; Teixeira, W.; Heckenberger, M.; Madella, M.; Maezumi, S.Y.; Riris, P.; Shock, M.P.; Watling, J.; Caromano, C.F.; Moraes, B.; Prestes-Carneiro, G.; Bassi, F.S.; Cavallini, M.S.; Valle, R.; Alho, C.F.B.V.; Almeida, F.; Barbosa, C.A.P.; Brown, G.; Cascon, L.M.; Clement, C.R.; Cunha, L.; Denevan, W.M.; Fausto, C.; Fonseca, J.A.; Franchetto, B.; Hecht, S.; Honorato, V.; Junqueira, A.B.; Kater, T.; Kuyper, T.W.; Lima, M.; Lombardo, U.; Macedo, R.S.; Machado, J.S.; Magalhães, M.; Mayle, F.E.; Rapp Py-Daniel, A.; Raczka, M.F.; Rocha, B.; Rostain, S.; Tamanaha, E.K.; Trindade, T.
Preprint	2024	Evidence confirms an anthropic origin of Amazonian Dark Earths	EarthArXiv	NANA	5559.31221	10.21203/rs.3.rs-3811311/v1	https://doi.org/10.21203/rs.3.rs-3811311/v1	Arroyo-Kalin, M.; Huisman, H.; Teixeira, W.G.; Clement, C.R.; Alho, C.F.B.V.; Almeida, F.; Anjos, L.H.C.; Ramsey, C.B.; Brown, G.; Costa, M.; Cunha, L.; Denevan, W.M.; Fontana, A.; Glaser, B.; Hecht, S.; Jarosch, K.A.; Junqueira, A.B.; Kater, T.; Kuyper, T.W.; Lehmann, J.; Lima, H.P.; Macedo, R.S.; Madella, M.; Maezumi, S.Y.; Mayle, F.E.; McKey, D.; Moraes, C.P.; Morcote-Ríos, G.; Neves, E.; Pugliese, F.; Pupim, F.; Raczka, M.F.; Rapp Py-Daniel, A.; Riris, P.; Rodrigues, L.; Rostain, S.; Schmidt, M.; Shock, M.P.; Sprafke, T.; Tamanaha, E.K.; Vidal-Torrado, P.; Villagran, X.S.; Watling, J.; Weber, S.L.

Type	Year	Title	Platform	Volume	Page	DOI	URL	Authors (normalized)
Preprint	2010	Development of genomic resources for four potential environmental bioindicator species: Isoperla grammatica, Amphineura sulciollis, Oniscus asellus and Baetis rhodani	bioRxiv	N/A	046227	1101.046227	https://doi.org/10.1101/046227	Bruford, M.W.; Cunha, L.; Hald, H.C.
Preprint	2010	Anthropogenic biodiversity in Amazonian Rainforests	bioRxiv	N/A	552364	1101.052364	https://doi.org/10.1101/052364	Acioli, A.; Conrado, A.C.; Ferreira, A.C.; Bartz, M.L.; James, S.W.; Silva, E.; Maia, L.S.; Martins, G.C.; Macedo, R.S.; Stanton, D.W.; Lavelle, P.; Velasquez, E.; Zangerlé, A.; Barbosa, R.; Tapia-Coral, S.; Muniz, A.W.; Santos, A.; Ferreira, T.; Segalla, R.F.; Decaëns, T.; Nadolny, H.S.; Peña-Venegas, C.P.; Maia, C.S.; Pasini, A.; Motta, A.F.; Taube Júnior, P.S.; Silva, T.A.; Rebellato, L.; Júnior, R.C.O.; Neves, E.; Lima, H.P.; Feitosa, R.; Torrado, P.V.; McKey, D.; Clement, C.R.; Shock, M.P.; Teixeira, W.G.; Motta, A.C.V.; de Freitas Melo, V.; Dieckow, J.; Garrastazu, M.; Chubatsu, L.; TPI Network; Kille, P.; Brown, G.G.; Cunha, L.

Other Publications

Type	Year	Title	Authors	Publication / Platform	DOI	URL	Language	Notes
Outreach Article	2016	Untangling the Volcanic Earthworm Genome	Cunha, L.; Stanton, D.W.; James, S.; Kille, P.; Montiel, R.	Experimental	10.18258/1890-1881	https://doi.org/10.18258/1890-1881	English	NA
Dataset	2020	Recommendations for assessing earthworm populations in Brazilian ecosystems [Dataset]	Nadolny, H.; Santos, A.; Demetrio, W.; Ferreira, T.; Maia, L.S.; Conrado, A.C.; Bartz, M.; Garrastazu, M.; Silva, E.; Baretta, D.; Pasini, A.; Vezzani, F.; Sousa, J.P.; Cunha, L.; Mathieu, J.; Lavelle, P.; Römbke, J.; Brown, G.	Dryad	10.5061/dryad.1140s64	https://doi.org/10.5061/dryad.1140s64	English	NA

Conference Proceedings (n=17)

Year	Title	Authors	Conference / Venue	Place	Date	Pages	DOI/URL	Notes
2025	Soil Health Through the Lens of Macrofauna Diversity: Insights from Forests and Olive Groves	Steiner, E.; Campello, C.; Reis, F.; Fraga Dornellas, L.; Leitão, R.; Simões, S.; Sousa, J.P.; Cunha, L.	EGU General Assembly 2025	Vienna, Austria	Apr–May 2025	19428–19428	https://doi.org/10.5194/egusphere-2025-19428	NA
2024	Integrating Morphological and Molecular Approaches for Assessing Soil Biodiversity in Agroecosystems	Dornellas, L.F.; Mata, V.A.; Bartz, M.; Leitão, R.; Nascimento, E.; Mendes, S.; Costa, J.; Sousa, J.P.; Cunha, L.	EGU General Assembly 2024	Vienna, Austria	Apr–May 2024	19619–19619	https://doi.org/10.5194/egusphere-2024-19619	NA

Year	Title	Authors	Conference/ / Venue	Place Date	Page	DOI/URL	Notes
2021	Plant productivity enhancement in a simulated Amazonian Dark Earth (Terra Preta Nova)	Ferreira, T.; Cunha, L.F.; Ferreira, N.G.; Kille, P.; Orozco, P.; Motta, A.C.; Pauletti, V.; Silva, K.; Brown, G.G.	Global Symposium on Soil Biodiversity (FAO)	Rome, Italy, 19–22 Apr 2021	p.11	NA	NA
2020	Minhocas em Áreas de Sistema Plantio Direto Consolidado no Paraná	Dudas, R.T.; Silva, K.A.; Nicola, V.B.; Santos, L.; Demetrio, W.C.; Sátiro, J.N.O.; Oliveira, C.M.R.; Kille, P.; Ferreira, N.G.C.; Cunha, L.F.N.; Pasini, A.; Brown, G.G.; Bartz, M.L.C.	17º Encontro Nacional de Plantio Direto na Palha	Ponta Grossa, PR, Brazil, 2020	p.10	NA	NA
2018	Populações de Minhocas em Áreas Sob Plantio Direto Consolidado e Florestas Secundárias no Estado do Paraná	Dudas, R.; Demetrio, W.; Maia, L.; Alves, K.; Nicola, V.; Pasini, A.; Kille, P.; Oliveira, C.; Cunha, L.; Ferreira, N.; Bartz, M.L.C.; Brown, G.	16º Encontro Nacional de Plantio Direto na Palha	Sorrisopolis, MT, Brazil, 2018	p.60	NA	NA
2018	Características Químicas e Físicas em Áreas Sob Sistemas de Plantio Direto Consolidado e Florestas Secundárias no Estado do Paraná	Demetrio, W.; Dudas, R.; Maia, L.; Alves, K.; Nicola, V.; Pasini, A.; Kille, P.; Oliveira, C.; Cunha, L.; Ferreira, N.; Bartz, M.L.C.; Brown, G.	16º Encontro Nacional de Plantio Direto na Palha	Sorrisopolis, MT, Brazil, 2018	p.27	NA	NA

Year	Title	Authors	Conference/ / Venue	Place Date	Pages	DOI/URL	Notes
2016	Fauna Edáfica Como Prestadora de Serviços Ecosistêmicos	Brown, G.G.; Niva, C.N.; Silva, E.; Cunha, L.F.N.; Bartz, M.L.C.; Pasini, A.; Nadolny, H.; Lavelle, P.	Fertbio 2016	Goiânia, Brazil, 2016	1	NA	NA
2016	Earthworm Taxonomy, Biology and Ecology. An Overview of Recent Advances (2013–2016) in Brazil	Brown, G.G.; Bartz, M.L.C.; James, S.W.; Cunha, L.F.N.; Silva, E.; Feijoo, A.; Rosa, M.G.; Silva, T.A.C.; Stanton, D.W.G.; Kille, P.; Baretta, D.; Decaëns, T.; Lavelle, P.; Santos, A.; Nadolny, H.; Ferreira, T.; Demetrio, W.C.; Cardoso, G.B.X.; Taheri, S.; Dupont, L.; Gorte, T.; Braga, L.P.P.; Tsai, S.M.; Zagatto, M.R.G.; Ferreira, S.A.; et al.	7th International Symposium on Oligochaete Taxonomy	Paimpol, France, 2016	NA	Abstract book-let	NA
2016	Use of DNA Barcoding for Brazilian Earthworm Biodiversity: Untangling Taxonomy for Conservation	Silva, E.; James, S.W.; Rosa, M.G.; Schuhli, G.S.; Bartz, M.L.C.; Baretta, D.; Decaëns, T.; Stanton, D.W.G.; Cunha, L.F.N.; Kille, P.; Brown, G.G.	7th International Oligochaete Taxonomy Meeting	Paimpol, France, 2016	NA	Abstract book-let	NA
2016	Earthworms and Amazonian Dark Earths: Improving Understanding of the Relationships Between Soil Management, Biodiversity and Function	Cunha, L.F.N.; Bartz, M.L.C.; Demetrio, W.C.; Silva, T.A.C.; James, S.W.; Silva, E.; Stanton, D.W.G.; Conrado, A.C.; Decaëns, T.; Lavelle, P.; Santos, A.; Nadolny, H.; Velasquez, E.; Zangerlé, A.; Tapia-Coral, S.; Maia, L.; Ferreira, T.; Segala, R.F.; Clement, C.; Muniz, A.W.; Kille, P.; Brown, G.G.; TPI Network	7th International Oligochaete Taxonomy Meeting	Paimpol, France, 2016	NA	Abstract book-let	NA

Year	Title	Authors	Conference/ / Venue	Place Date	Page	DOI/URL	Notes
2015	Terra Preta do Índio: Descubriendo Sus Misterios a Través de la Morfología del Suelo	Velasquez, E.; Tapia-Coral, S.; Silva, E.; Peña, C.; Pucci, P.; Cunha, L.F.N.; Lavelle, P.; Brown, G.G.; TPI Network	Simpósio Engenheiros Edáficos, Fertilidade do Solo e Terra Preta de Índio	Curitiba, Brazil, 2015	91	NA	NA
2015	População e Biomassa de Minhocas em Terra Preta de Índio no Amazonas Utilizando Diferentes Metodologias de Coleta	Silva, T.A.C.; Correa, R.B.; Santos, A.; Ferreira, A.; Nadolny, H.; Cunha, L.F.N.; Silva, E.; Tapia-Coral, S.; Peña, C.; Lima, A.M.A.; Schock, M.; Decaëns, T.; Acioli, A.N.S.; James, S.W.; Bartz, M.L.C.; Velasquez, E.; Lavelle, P.; Kille, P.; Clement, C.; Martins, G.C.; Muniz, A.W.; Pucci, P.; Brown, G.G.; TPI Network	Simpósio Engenheiros Edáficos, Fertilidade do Solo e Terra Preta de Índio	Curitiba, Brazil, 2015	96	NA	NA
2015	Abundância, Biomassa e Riqueza de Minhocas em Áreas de Terra Preta de Índio (TPI) em Manaus e Iranduba (AM)	Santos, A.; Silva, E.; Cunha, L.F.N.; Stanton, D.; Kille, P.; Decaëns, T.; James, S.W.; Bartz, M.L.C.; Brown, G.G.; TPI Network	Simpósio Engenheiros Edáficos, Fertilidade do Solo e Terra Preta de Índio	Curitiba, Brazil, 2015	107	NA	NA

Year	Title	Authors	Conference/ / Venue	Place Date	Page	DOI/URL	Notes
2014	Inhabiting multi-stressor soils: persistence of an earthworm under extreme volcanic conditions	Cunha, L.; Novo, M.; Arruda, H.; Hodson, M.; Spurgeon, D.; Rodrigues, A.S.; Camarinho, R.; Viveiros, M.; Silva, C.; Bruford, M.; Morgan, A.; Kille, P.	X International Earthworm Ecology Symposium	Athens, Georgia, USA, Jun 2014	p.145	NA	NA
2014	Multiple introductions and environmental preferences of invasive earthworms in Azores (Portugal)	Novo, M.; Cunha, L.; Hodson, M.; Spurgeon, D.; Bruford, M.; Morgan, A.; Kille, P.	X International Earthworm Ecology Symposium	Athens, Georgia, USA, Jun 2014	p.135	NA	NA
2013	Tracking novel potential biomarkers in <i>Porcellionides pruinosus</i> (Isopoda) exposed to nickel: a transcriptomic approach	Ferreira, G.C.; Morgado, R.; Novo, M.; Cunha, L.; Soares, A.M.V.M.; Kille, P.; Loureiro, S.	First Environmental 'Omics Synthesis Conference	Cardiff, UK, Sep 2013	p.46	NA	NA
2013	Inhabiting Multi-stressor Soils: Persistence of an Earthworm Under Extreme Volcanic Conditions	Novo, M.; Cunha, L.; Hodson, M.; Spurgeon, D.; Camarinho, R.; Viveiros, F.; Silva, C.P.P.; Arruda, H.; Rodrigues, A.S.; Bruford, M.; Morgan, A.; Kille, P.	First Environmental 'Omics Synthesis Conference	Cardiff, UK, Sep 2013	p.79	NA	NA

Oral Presentations (n=27)

Year	Title	Authors	Event / Conference	Location	Date	Pages / Ab- URL stract	DOI	Notes
2025	Soil health through the lens of macrofauna diversity: insights from forests and olive groves	Steiner, E.; Campello, C.; Reis, F.; Dornellas, L.F.; Leitão, R.; Simões, S.; Sousa, J.P.; Cunha, L.	EGU General Assembly 2025	Vienna Austria	27 Apr-2 May 2025	EGU25-19428	https://ui.adsabs.org/doi/10.5194/egus25-19428	
2024	Integrating morphological and molecular approaches for assessing soil biodiversity in agroecosystems	Dornellas, L.F.; Mata, V.A.; Bartz, M.; Leitão, R.; Nascimento, E.; Mendes, S.; Costa, J.; Sousa, J.P.; Cunha, L.	EGU General Assembly 2024	Vienna Austria	24-28 Sep 2024	EGU24-19619	https://ui.adsabs.org/doi/10.5194/egus24-19619	
2024	Integrating morphological and molecular approaches for assessing soil biodiversity in agroecosystems	Dornellas, L.F.; Mata, V.A.; Bartz, M.; Leitão, R.; Nascimento, E.; Mendes, S.; Costa, J.; Sousa, J.P.; Cunha, L.	Encontro Anual das Ciências do Solo 2024	Porto, Portugal	2024	NA	NA	NA
2024	Can the soil microbiome infer the impact of agroecological practices on large-scale farms?	Leitão, R.; Durán, J.; Bartz, M.; Nascimento, E.; Freitas, H.; Sousa, J.P.; Cunha, L.F.N.; Costa, J.	X International Congress of Agroecology – Agroecologies of the World	Polytechnic Institute of Viseu, Portugal	6 Sep 2024	NA	NA	NA

Year	Title	Authors	Event / Confer- ence	Location	Date	Pages / Ab- stract	URL DOI	Notes
2023	The “Cultivar Soil” Project: characterizing the health of an overlooked resource	Leitão, R.; Bartz, M.; Bento, M.; Dornellas, L.F.; Durán, J.; Mendes, S.; Nascimento, E.; Cunha, L.; Costa, J.; Sousa, J.P.	Farm to Fork: Our Food, Our Health, Our Future Congress	Castel Branco, Portugal	16–18 Nov 2023	NA	NA	NA
2023	Farmers’ perception of soil fauna and their ecosystem services	Dudas, R.T.; Bartz, M.L.C.; Paula, A.; Marques, F.; Martins, C.; Cunha, L.; Castro, P.	Farm to Fork: Our Food, Our Health, Our Future Congress	Castel Branco, Portugal	16–18 Nov 2023	NA	NA	NA
2023	Influence of land use on soil aggregate stability in Central Portugal’s agroecosystems	Nascimento, E.; Bartz, M.; Bento, M.; Cunha, L.; Dornellas, L.F.; Durán, J.; Leitão, R.; Mendes, S.; Sousa, J.P.; Costa, J.	Farm to Fork: Our Food, Our Health, Our Future Congress	Castel Branco, Portugal	16–18 Nov 2023	NA	NA	NA
2023	Farmers’ perceptions of the ecosystem services offered by agriculture	Castro, P.; Marques, F.; Martins, C.; Cação, A.; Bartz, M.; Cunha, L.; Paula, A.	Farm to Fork: Our Food, Our Health, Our Future Congress	Castel Branco, Portugal	16–18 Nov 2023	NA	NA	NA

Year	Title	Authors	Event / Confer- ence	Location	Date	Pages / Ab- straçt	URL DOI	Notes
2023	Earthworms and soil dynamics: insights from Amazonian Dark Earths and their influence on maize growth	Leitão, R.; Ferreira, T.; Ferreira, N.G.C.; Kille, P.; Orozco, P.; Motta, A.C.; Pauletti, V.; Silva, K.; Brown, G.G.; Cunha, L.F.N.	Soil Microbiology Mini-Conference Open Day	Arruda dos Vinhos, Portugal	15-21 Nov 2023	NA	NA	NA
2023	Earthworms in different land uses in Beira Baixa region, Portugal	Bartz, M.; Bento, M.; Cunha, L.; Dornellas, L.F.; Durán, J.; Leitão, R.; Mendes, S.; Nascimento, E.; Costa, J.; Sousa, J.P.	Farm to Fork: Our Food, Our Health, Our Future Congress	Castel Branco, Portugal	16-18 Nov 2023	NA	NA	NA
2022	Endless forms below the surface: Extreme genetic diversity in South American earthworms	Stanton, D.W.G.; Conrado, A.C.; Bartz, M.L.C.; James, S.W.; Kille, P.; Brown, G.G.; Cunha, L.	12th International Symposium on Earthworm Ecology	Rennes, France	14-18 Nov 2022	NA	NA	NA
2017	Comunidade de Minhocas em Solos Antrópicos e Áreas Adjacentes na Amazônia Central	Demetrio, W.; Stanton, D.W.; Conrado, A.C.; Cunha, L.; Kille, P.; Brown, G.	XXXVI Congresso Brasileiro de Ciências do Solo	Belém, Brazil	2017	NA	NA	NA

Year	Title	Authors	Event / Conference	Location	Date	Pages / Abstract	URL	DOI	Notes
2017	Look a worm to catch a man	Stanton, D.W.; Cunha, L.; Brown, G.G.; TPI Network; Kille, P.	European Conference of Tropical Biology	Brussels, Belgium	Feb 10 2017	NA	NA	NA	NA
2016	Phylogenetic assessment within a complex of tropical peregrine species, <i>Pontoscolex corethrurus</i>	Taheri, S.; James, S.W.; Decaëns, T.; Roy, V.; Rougerie, R.; Williams, B.; Anderson, F.; Brown, G.G.; Cunha, L.; Silva, E.; Chang, C.; Dupont, L.	Association for Tropical Biology and Conservation Annual Meeting	Montpellier, France	Jun 23 2016	NA	NA	NA	NA
2016	Amazonian Dark Earths: Improving Understanding of the Relationships Between Soil Management, Biodiversity and Function	Cunha, L.; Bartz, M.L.C.; Demetrio, W.; Silva, T.; James, S.; Silva, E.; Stanton, D.; Conrado, A.C.; Decaëns, T.; Lavelle, P.; Santos, A.; Nadolny, H.; Velasquez, H.; Zangerlé, A.; Tapia-Coral, S.; Ferreira, T.; Maia, L.S.; Segalla, R.; Clement, C.; Muniz, A.; Kille, P.; Brown, G.G.	International Oligochaete Taxonomy Meeting	Rennes, France	2016	NA	NA	NA	NA
2016	Fauna Edáfica como prestadora de serviços ecossistêmicos	Brown, G.G.; Niva, C.N.; Silva, E.; Cunha, L.F.N.; Bartz, M.L.C.; Pasini, A.; Nadolny, H.; Lavelle, P.	Fertbio 2016	Goiânia, Brazil	2016	NA	NA	NA	NA

Year	Title	Authors	Event / Conference	Location	Pages / Abstract			Notes
					Date	DOI	URL	
2016	Earthworm Taxonomy, Biology and Ecology: An Overview of Recent Advances (2013–2016) in Brazil	Brown, G.G.; Bartz, M.L.C.; James, S.W.; Cunha, L.F.N.; Silva, E.; Feijoo, A.; Rosa, M.G.; Silva, T.A.C.; Stanton, D.W.G.; Kille, P.; Baretta, D.; Decaëns, T.; Lavelle, P.; Santos, A.; Nadolny, H.; Ferreira, T.; Demetrio, W.C.; Cardoso, G.B.X.; Taheri, S.; Dupont, L.; Gorte, T.; Braga, L.P.P.; Tsai, S.M.; Zagatto, M.R.G.; Ferreira, S.A.; et al.	7th International Symposium on Oligochaete Taxonomy	Paimpão, France	2016	NA	NA	NA
2016	Use of DNA Barcoding for Brazilian Earthworm Biodiversity: Untangling Taxonomy for Conservation	Silva, E.; James, S.W.; Rosa, M.G.; Schuhli, G.S.; Bartz, M.L.C.; Baretta, D.; Decaëns, T.; Stanton, D.W.G.; Cunha, L.F.N.; Kille, P.; Brown, G.G.	7th International Oligochaete Taxonomy Meeting	Paimpão, France	2016	NA	NA	NA
2016	The emergence of an interdisciplinary collaborative network and potential for the future: the TPI Network	Cunha, L.; Brown, G.G.	2nd TPI Network Workshop – Using Remote Sensing in the Study of Amazonian Ecosystems	UNIR, Porto Velho, Brazil	2016	NA	NA	NA

Year	Title	Authors	Event / Confer- ence	Location	Pages / Ab- URL stract			Notes
					Date	ID	DOI	
2016	Actions of the TPI project up to now and expected new projects	Cunha, L.; Brown, G.G.	2nd TPI Net-work Work-shop – Using Remote Sensing in the Study of Ama-zonian Ecosys-tems	UNIR, Porto Velho, Brazil	2016	NA	NA	NA
2016	Towards a Generalised Method for Environmental Epigenetics: Global and Differential Genome-Wide Epigenetic Signatures in an Earthworm Exposed to a Multi-stressor Environment	Remington, O.; Novo, M.; Cunha, L.; Kille, P.	iEOS Ghent meeting	Ghent, Belgium	12– 15 Sep 2016	NA	NA	NA
2016	Hook a worm to catch a man	Stanton, D.W.; Cunha, L.; Brown, G.G.; Terra Preta de Indio Network; Kille, P.	iEOS Ghent meeting	Ghent, Belgium	12– 15 Sep 2016	NA	NA	NA

Year	Title	Authors	Event / Conference	Location	Date	Pages / Abstract	URL DOI	Notes
2015	Terra Preta do Índio: Descubriendo sus misterios a través de la morfología del suelo	Velasquez, E.; Tapia-Coral, S.; Silva, E.; Peña, C.; Pucci, P.; Cunha, L.F.N.; Lavelle, P.; Brown, G.G.; TPI Network	Simpósio Engenheiros Edáficos, Fertilidade do Solo e Terra Preta de Índio	Curitiba, Brazil	2015	15p.91	NA	NA
2015	População e biomassa de minhocas em Terra Preta de Índio no Amazonas utilizando diferentes metodologias de coleta	Silva, T.A.C.; Correa, R.B.; Santos, A.; Ferreira, A.; Nadolny, H.; Cunha, L.F.N.; Silva, E.; Tapia-Coral, S.; Peña, C.; Lima, A.M.A.; Schock, M.; Decaëns, T.; Acioli, A.N.S.; James, S.W.; Bartz, M.L.C.; Velasquez, E.; Lavelle, P.; Kille, P.; Clement, C.; Martins, G.C.; Muniz, A.W.; Pucci, P.; Brown, G.G.; TPI Network	Simpósio Engenheiros Edáficos, Fertilidade do Solo e Terra Preta de Índio	Curitiba, Brazil	2015	15p.96	NA	NA
2014	Inhabiting multi-stressor soils: persistence of an earthworm under extreme volcanic conditions	Cunha, L.; Novo, M.; Arruda, H.; Hodson, M.; Spurgeon, D.; Rodrigues, A.S.; Camarinho, R.; Viveiros, M.; Silva, C.; Bruford, M.; Morgan, A.; Kille, P.	X International Earthworm Ecology Symposium	Athens, Georgia, USA	2014	179p.145	NA	NA

Year	Title	Authors	Event / Conference	Location	Date	Pages / Abstract	DOI	URL	Notes
2013	Tracking novel potential biomarkers in <i>Porcellionides pruinosus</i> (Isopoda) exposed to nickel: a transcriptomic approach	Ferreira, G.C.; Morgado, R.; Novo, M.; Cunha, L.; Soares, A.M.V.M.; Kille, P.; Loureiro, S.	First Environmental 'Omics Synthesis Conference	Cardiff, UK	11-15/11/2013	18-46	NA	NA	NA
2013	Living on a volcano's edge: Genetic isolation of an extremophile terrestrial metazoan	Cunha, L.; Montiel, R.; Novo, M.; Orozco-ter Wengel, P.; Rodrigues, A.; Morgan, A.J.; Kille, P.	Evolution 2013	Snowbird, Salt Lake City, USA	11-14/11/2013	NA	NA	NA	NA

Posters (n=35)

Year	Title	Authors	Event / Conference	Location	Date	Pages / Abstract	DOI	URL	Notes
2021	The "BENCHMARKS" Project: Building a European Network for the Characterisation and Harmonisation of Monitoring Approaches for Research and Knowledge on Soils	Cunha, L.; Guilherme, R.; Batista, V.; Silva, J.S.; Bartz, M.; Leitão, R.; Conceição, I.L.; Costa, J.; Sousa, J.P.	Missão Solo: Projetos, Sinergias e Impactos	Évora, Portugal	11-14/11/2021	NA	NA	NA	NA

Year	Title	Authors	Event / Conference	Location	Date	Pages / Abstract	URL / DOI	Notes
2024	Avaliação de efeitos derivados de exposição oral a um novo biopesticida em abelha melífera europeia – efeitos agudos e crônicos na sobrevivência e microbioma intestinal	Sarmiento, A.; Cunha, L.; Luz, T.N.L.; Gatehouse, A.; Edward, E.; Tang, C.; di Lelio, I.; Russo, E.; Pennacchio, F.; Sousa, J.P.	XVII ECO-TOX	Belém, Brazil	22–25 Oct 2024	NA	NANA	
2024	Invasion patterns of exotic earthworms in Galapagos: relationships with environmental factors, land use and tortoise corridors	Novo, M.; Ortiz, J.; Correia, D.; Soares, A.; Nicoletti, F.; Zenco, A.; Cunha, L.	NEOBIOTA 2024 – 13th International Conference on Biological Invasions	Lisbon, Portugal	3–6 Sep 2024	Session 6 – Pathways and dispersal of invasive species	NANA	
2024	Oral exposure-driven effects of a novel spider venom-based biopesticide on survival, gut microbiome and head transcriptome of adult worker honeybees	Sarmiento, A.; Cunha, L.; Gatehouse, A.; Edward, E.; Tang, C.; di Lelio, I.; Russo, E.; Pennacchio, F.; Sousa, J.P.	EurBee 10	Tallinn, Estonia	5–9 Sep 2024	NA	NANA	
2024	Integrating morphological and molecular approaches for assessing soil biodiversity in agroecosystems	Dornellas, L.F.; Mata, V.A.; Bartz, M.; Leitão, R.; Nascimento, E.; Mendes, S.; Costa, J.; Sousa, J.P.; Cunha, L.	Industry Day: Mathematics for Agriculture	Coimbra, Portugal	2024	NA	NANA	

Year	Title	Authors	Event / Conference	Location	Date	Pages / Abstract	URL / DOI	Notes
2024	Soil biodiversity in Mediterranean agroecosystems: integrative methods for sustainable management	Dornellas, L.F.; Mata, V.A.; Bartz, M.; Leitão, R.; Nascimento, E.; Mendes, S.; Costa, J.; Sousa, J.P.; Cunha, L.	Early Career Scientist Event & ILSI Europe Annual Symposium	ILSI Europe, Lyngby, Denmark	2024	NA	NANA	
2024	Oral exposure-driven effects of a novel spider venom-based biopesticide on survival and gut microbiome of adult worker honeybees	Sarmiento, A.; Cunha, L.; Luz, T.N.L.; Gatehouse, A.; Edward, E.; Tang, C.; di Lelio, I.; Russo, E.; Pennacchio, F.; Sousa, J.P.	34th SETAC Europe Annual Meeting	Seville, Spain	May 9, 2024	NA	NANA	
2023	Integrating morphological and molecular approaches for assessing soil biodiversity in agroecosystems	Dornellas, L.F.; Mata, V.A.; Bartz, M.; Leitão, R.; Nascimento, E.; Mendes, S.; Costa, J.; Sousa, J.P.; Cunha, L.	Farm to Fork: Our Food, Our Health, Our Future Congress	Castellón, Spain	Nov 16-18, 2023	NA	NANA	Best Poster Award
2023	The “BENCHMARKS” Project: Building a European Network for the Characterisation and Harmonisation of Monitoring Approaches for Research and Knowledge on Soils	BENCHMARKS Consortium; Cunha, L.; Guilherme, R.; Batista, V.; Silva, J.S.; Bartz, M.; Leitão, R.; Conceição, I.L.; Costa, J.; Sousa, J.P.	Farm to Fork: Our Food, Our Health, Our Future Congress	Castellón, Spain	Nov 16-18, 2023	NA	NANA	

Year	Title	Authors	Event / Confer- ence	Location	Date	Pages / Ab- stract DOI	URL / DOI	Notes
2023	Influence of land use on soil aggregate stability in different agroecosystems from Central Portugal	Nascimento, E.; Bartz, M.L.C.; Bento, M.; Dornellas, L.F.; Humia, J.D.; Leitão, R.; Mendes, S.; Cunha, L.; Costa, J.C.; Sousa, J.P.	Farm to Fork: Our Food, Our Health, Our Future Congress	Castelo Branco, Portugal	16-18 Nov 2023	NA	NANA	
2023	Invasion patterns of exotic earthworms in Galapagos: relationships with environmental factors, land use and tortoise corridors	Novo, M.; Ortiz, J.; Cunha, L.	International Oligochaeta Taxonomy Meeting (IOTM)	Madrid, Spain	11-15 Dec 2023	NA	NANA	
2023	The impact of extreme environmental conditions of a geothermal field on terrestrial isopods	Nunes, M.; Vittori, M.; Mrak, P.; Chispanvsk, N.; Leitão, R.; Rodrigues, A.; Garcia, P.; Ferreira, N.G.C.; Cunha, L.	12th International Symposium on Terrestrial Isopod Biology (12ISTIB)	Olomouc, Czech Republic	09-13 Jul 2023	NA	NANA	
2017	Soil biodiversity footprints in human-modified landscapes: The case of the Amazonian Dark Earths	Cunha, L.	Association for Tropical Biology and Conservation 54th Annual Meeting	Mérida, Mexico	2017	NA	NANA	

Year	Title	Authors	Event / Confer- ence	Location	Date	Pages / Ab- stract / DOI	URL / DO	Notes
2016	Terra Preta de Índio Network: A Collaborative Network for the Study of Anthropic Ecosystems Across Brazilian Biomes	Assis, G.T.P.; Brown, G.G.; Kille, P.; Cunha, L.	Fifth International Workshop of the Terra Preta Program	ESALQ, USP, Piracicaba, Brazil	02/26/14	N/A	N/A	N/A
2016	Characterizing Amazonian Dark Earths and Adjacent Soils: experimental approach for chemical, physical and biological sampling	Cunha, L.; Brown, G.G.; Kille, P.	Fifth International Workshop of the Terra Preta Program	ESALQ, USP, Piracicaba, Brazil	02/26/14	N/A	N/A	N/A
2016	Chemical aspects and quality of organic matter in Amazonian Dark Earths	Segalla, R.; Demetrio, W.; Silva, E.; Ferreira, T.; Nadolny, H.; Conrado, A.; Kille, P.; Brown, G.G.; Cunha, L.	Fifth International Workshop of the Terra Preta Program	ESALQ, USP, Piracicaba, Brazil	02/26/14	N/A	N/A	N/A
2016	Soil biodiversity in Amazonian Dark Earths	Conrado, A.; Demetrio, W.; Silva, E.; Segalla, R.; Nadolny, H.; Ferreira, T.; Kille, P.; Brown, G.G.; Cunha, L.	Fifth International Workshop of the Terra Preta Program	ESALQ, USP, Piracicaba, Brazil	02/26/14	N/A	N/A	N/A

Year	File	Authors	Event / Confer- ence	Location	Date	Pages / Ab- stract / DOI	URL / Notes
2018	Soil macroinvertebrates in Amazonian Dark Earth and adjacent soils	Demetrio, W.; Silva, E.; Ferreira, T.; Segalla, R.; Nadolny, H.; Conrado, A.; Kille, P.; Brown, G.G.; Cunha, L.	Fifth Interna- tional Work- shop of the Terra Preta Program	ESALQ USP, Piraci- caba, Brazil	02/11/2018	N/A	N/A
2018	Soil macro-morphology in Amazonian Dark Earth areas	Silva, E.; Velasquez, E.; Tapia-Coral, S.; Zangerlé, A.; Lavelle, P.; Kille, P.; Brown, G.G.; Cunha, L.; TPI Network	Fifth Interna- tional Work- shop of the Terra Preta Program	ESALQ USP, Piraci- caba, Brazil	02/11/2018	N/A	N/A
2018	Analysis of bacterial communities of soil samples from archaeological sites in the Amazon region	Mota, A.F.; Brown, G.G.; Pedrosa, F.O.; Cunha, L.; Kille, P.; Souza, E.M.; Chubatsu, L.S.; TPI Network	Fifth Interna- tional Work- shop of the Terra Preta Program	ESALQ USP, Piraci- caba, Brazil	02/11/2018	N/A	N/A
2018	Biochar-earthworm interactions: the case of Pontoscolex corethrurus (Müller, 1857)	Ferreira, T.; Demetrio, W.; Silva, E.; Segalla, R.; Nadolny, H.; Conrado, A.; Kille, P.; Brown, G.G.; Cunha, L.	Fifth Interna- tional Work- shop of the Terra Preta Program	ESALQ USP, Piraci- caba, Brazil	02/11/2018	N/A	N/A

Year	Title	Authors	Event / Confer- ence	Location	Date	Pages / Ab- stract / DOI	URL / Notes
2011	Abundance, biomass and richness of earthworms in Amazonian Dark Earth areas in Manaus and Iranduba (AM)	Santos, A.; Silva, E.; Cunha, L.F.N.; Stanton, D.; Kille, P.; Decaëns, T.; James, S.W.; Bartz, M.C.; Brown, G.G.; TPI Network	Symposium on Edaphic Engineers, Soil Fertility and Terra Preta de Índio (TPI)	Curitiba, Brazil	2015	NA	NANA
2011	When hot is not too hot: an earthworm dwelling under extreme volcanic conditions	Cunha, L.; Novo, M.; Arruda, H.; Hodson, M.; Spurgeon, D.; Rodrigues, A.S.; Camarinho, R.; Viveiros, M.; Silva, C.; Bruford, M.; Morgan, A.; Kille, P.	SETAC 34th Annual Meeting	Nashville, TN, USA	17-21 Nov 2013	NA	NANA
2013	The relevance of Pontoscolex corethrurus as a bioindicator of soil quality under geogenic stress conditions	Cunha, L.; Arruda, H.; Parelho, C.; Barreto, M.C.; Camarinho, R.; Garcia, P.; Kille, P.; Morgan, A.; Rodrigues, A.	SETAC North America 34th Annual Meeting	Nashville, TN, USA	16-21 Nov 2013	NA	NANA
2013	Inhabiting multi-stressor soils: persistence of an earthworm under extreme volcanic conditions	Novo, M.; Cunha, L.*; Hodson, M.; Spurgeon, D.; Camarinho, R.; Viveiros, F.; Silva, C.P.P.; Arruda, H.; Rodrigues, A.S.; Bruford, M.; Morgan, A.J.; Kille, P.	First Environmental 'Omics Synthesis Conference	Cardiff, UK	15-18 Nov 2013	NA	NANA

Year	Title	Authors	Event / Conference	Location	Date	Pages / Abstract	URL / DOI	Notes
2011	Morphometric changes of the epidermis of an invasive megascolecid earthworm (<i>Amyntas gracilis</i> , Kinberg 1867) inhabiting volcanic soils in the Azores archipelago	Cunha, L.; Campos, I.; Montiel, R.; Morgan, A.; Rodrigues, A.	VII Encontro Nacional de Biologia Evolutiva	Coimbra, Portugal	10-11 Sep 2011	NA	NANA	
2011	Diving in the Edge at Extreme Environments of Volcanic Origin: Azorean Earthworms and its Symbiotic Microbial Populations	Cunha, L.; Aguiar, P.; Hernandez, G.; Barois, I.; Morgan, A.; Simoes, N.; Rodrigues, A.; Montiel, R.	8th International Congress on Extremophiles	São Miguel, Azores, Portugal	12-16 Sep 2010	NA	NANA	
2011	Dominant microbial populations associated with earthworms living close to extreme environments of volcanic origin: a comparison between Azorean and Mexican populations of <i>Pontoscolex corethrurus</i>	Cunha, L.; Hernandez, G.; Aguiar, P.; Barois, I.; Morgan, A.; Simoes, N.; Rodrigues, A.; Montiel, R.	9th International Symposium on Earthworm Ecology	Xalapa, Mexico	5-10 Sep 2010	NA	NANA	
2009	The importance of field studies for assessment of actively volcanic soil quality – the terrestrial equivalent of hydrothermal vents	Cunha, L.	Paris Interdisciplinary PhD Symposium	Paris, France	2009	NA	NANA	

Year	Title	Authors	Event / Confer- ence	Location	Date	Pages / Ab- stract / DOI	URL / DO	Notes
2008	Fragmentation recovery and growth of a soft coral using a popular propagation method	Cunha, L.; Le Vay, L.	43rd European Marine Biology Symposium (EMBS)	Ponta Delgada, Azores, Portugal	2008	NA	NANA	
2008	Structure and X-ray microanalysis of the lower incisor of a mammal inhabiting a volcanic hydrothermal field	Cunha, L.; Amaral, A.F.S.; Zanon, V.; Rodrigues, A.S.	Fourth International Conference on Metals and Genetics	Paris, France	2008	NA	NA	Best Poster Award
2007	Can <i>Mythimna unipuncta</i> be a useful bioindicator of soil and pasture quality in volcanic environments?	Rodrigues, A.; Cunha, L.; Medeiros, J.; Garcia, P.; Amaral, A.	SETAC North America 28th Annual Meeting	Milwaukee, WI, USA	2007	NA	NANA	
2007	Structural effects in the digestive gland of marine limpets living close to superficial hydrothermal vents	Rodrigues, A.; Cunha, L.; Martins, G.; Wallenstein, F.; Couto, R.; Neto, A.; Amaral, A.	SETAC North America 28th Annual Meeting	Milwaukee, WI, USA	2007	NA	NANA	
2007	Effect of food in early larvae of <i>Lysmata amboinensis</i> (De Mann, 1888)	Cunha, L.; Mascaro, M.; Chiapa, X.; Costa, A.; Simoes, N.	The Crustacean Society Mid-Year Meeting	Coquimbo, Chile	2007	NA	NANA	

Year	Title	Authors	Event / Confer- ence	Location	Date	Pages / Ab- stract / URL / DO	Notes
2006	Cultivo en cautiverio de crustáceos ornamentales del Caribe Mexicano como una medida de mitigación al impacto potencial de la captura directa del medio natural	Simoes, N.; Hidalgo-Arcos, L.E.; Hernandez Hernandez, E.; Robles-Gil, A.A.; Rodriguez Pestaña, L.; Cunha, L.; Delgado Tolentino, S.; Salgado, A.I.; Westendarp, P.; Chiappa-Carrara, X.; Mascaro-Miquelajauregui, M.	III Congreso Mexicano de Arrecifes de Coral	Cancún, México	18-21 de Mayo	377-381	NANA

Participation in Research Projects - Eval. Criterion 5.1.2 of the Call

Approved Projects (n=32)

Year	Project	Role	Principal Investi- gator	Responsible Institution	Funding Source (Reference)	TotalFunding Fundat ing Host
2024 2028	SYBERAC – Towards a Systems-Based, holistic Environmental Risk Assessment of Chemicals	Researcher	Nico van den Brink	Wageningen University	Horizon Europe (Grant Agreement 101135213 — HORIZON-CL6-2023-BIODIV-01-1)	€4700000 955
2024 2028	EESE (EFSA) – EU Environmental Scenarios for ERA of Non-Target Organisms	Researcher	Nico van den Brink	Wageningen University	Horizon Europe (Grant Agreement 101135213 — OC/EFSA/PREV/2023/02)	€6000000 16144

Year	Project	Role	Principal Investigator	Responsible Institution	Funding Source (Reference)	Total Funding Host
2024-2026	GRASS4FUN – Monitoring the contribution of European grasslands to the conservation of soil biodiversity and ecosystem function under multiple global change stressors	Researcher	Manuel Delgado-Baquerizo & Pablo García-Palacios	IRNAS-CSIC	Horizon Europe (Grant Agreement 101135213 — HORIZON-CL6-2023-BIODIV-01-1)	€500079988
2024-2028	VALERECO – Valorization Legumes Related Ecosystem Services	Researcher	Lias Travlos	Agricultural University of Athens	Horizon Europe (Grant Agreement 101135472 — HORIZON-CL6-2023-BIODIV-01-16)	€4900300000
2025-2028	La Caixa Monte Regen Hub	PI at UC	—	VALECEREAL S.A.	La Caixa Promove Programme 2023 – Innovative Pilot Projects (Ref. PL25-00042)	€199039707
2025-2028	PHAME – Advancing sustainable agriculture with PHA Mulch Films Innovations with Economic Impact	Researcher	Diogo Proença	UC / UAlg	FCT – COM-PETE2030 – FEDER (Ref. COMPETE2030-FEDER-00711600)	€2120212000

Year	Project	Role	Principal Investigator	Responsible Institution	Funding Source (Reference)	Total Funding Fundat ing Host
2025 2028	PRESINMED – Preserving the singularity of Mediterranean high-mountain biodiversity hotspots: a NBS approach	Researcher	Susana Rodríguez Echeverría	University of Coimbra	Horizon Europe (Grant Agreement 101135213 — HORIZON-CL6-2023-BIODIV-01-1)	€7300105598
2023 2027a	BENCHMARKS – Building a European Network for the Characterisation and Harmonisation of Monitoring Approaches for Research and Knowledge on Soils	PI at UC	Rachel Creamer	Wageningen University & Research	Horizon Europe (HORIZON-MISS-2021-SOIL-02-02)	€1200780020
2023 2026	GOOD – Agroecology for Weeds	Researcher	Helena Freitas	University of Coimbra	Horizon Europe (Grant Agreement 101083589 — HORIZON-CL6-2022-FARM2FORK-02-01)	€4988575361
2023 2026	BETTER-B – Improving bees' resilience to stressors by restoring harmony and balance	Researcher	Dirk de Graaf	University of Ghent	Horizon Europe (Grant Agreement 101081444 — HORIZON-CL6-2022-BIODIV-02-03)	€3699369955

Year	Project	Role	Principal Investigator	Responsible Institution	Funding Source (Reference)	Total Funding	Funding Host
2022	PARC – European Partnership for the Assessment of Risks from Chemicals	Researcher (Task 6.4.4.c)	Ana Nunes	French Agency for Food, Environmental and Occupational Health & Safety	Horizon Europe (Grant Agreement 101057014)	€220622	20599
2022	RedeSusTERRA – Laboratory for the Sustainability of Land Use and Ecosystem Services	Researcher	Ana Paula Nunes	COTHN	PRR (PRR-C05-i03-I-000093-LA6.2)	€157629	629500
2021	ISOPLAS – Macro and Microplastic in Agricultural Soil Systems	Researcher	Peter Fiener	University of Augsburg	Horizon Europe (MSCA-ITN-2020, Project n° 955334)	€3710361	361
2021	F4F – FOREST for FUTURE (Pilot Project PP6 – MyFORESt)	Researcher		SerQ – Forest Innovation and Competence Centre	Portugal 2020 / European Social Fund (CENTRO-08-5864-FSE-000031)	—	—
2021	Harvesting species occurrence data from barcode databases	Supervisor		Edaphobase	COST Action EUDAphobase (VM grant)	€3000	€3000
2019	CULTIVAR – Network of competences for sustainable development and innovation in the agri-food sector	Researcher	Helena Freitas	University of Coimbra	Portugal 2020 / FEDER (CENTRO-01-0145-FEDER-000020)	€1992189	2984

Year	Project	Role	Principal Investigator	Responsible Institution	Funding Source (Reference)	Total Funding Fundat ing Host
2019 2025	Through the Path of the Giant – The role of tortoise corridors for earthworm invasion in the Galapagos	Researcher	Marta Novo	Complutense University of Madrid	National Geographic Society (NGS-62087R-19)	\$30000
2019 2024	EUdaphobase – European Soil-Biology Data Warehouse for Soil Protection	Substitute Member	David Russell	Senckenberg Museum Görlitz	Horizon Europe (COST Action CA18237)	€5990968
2018 2024	ECOSTACK – Stacking of ecosystem services for crop protection, pollination and productivity	Researcher	Francesco Penna- chio	University of Naples	Horizon Europe (Grant Agreement 773554 — H2020-SFS-2016-2017/H2020-SFS-2017-2)	€3550355939
2018 2024	Implementation of Agroforestry Systems (AFS) in São Tomé and Angola	Researcher	Maria do Céu Madureira & José Paulo Sousa	CFE-UC / University of Coimbra	African Union (HRST/ST/AURG-II/CALL1/2016)	€3130413040
2019 2025	Dirty Footprints: Soil Biodiversity in Historical Anthropogenic Ecosystems	PI at UC	—	University of Coimbra	FCT Scientific Employment Stimulus	€2300230000
2019	METAFUN – Untangling the functional network of an anthropogenic soil	PI at University of South Wales	—	University of South Wales	USW-CESRIS research grant	£999819998
2017 2018	Integrating remote sensing & spectral analysis in Amazonian biodiversity	Co-I	Thomas Meager	St. Andrews University	STFC (ST/P003281/1)	€3098330986

Year	Project	Role	Principal Investigator	Responsible Institution	Funding Source (Reference)	Total Funding Fundat ing Host
2016	Untangling the Volcanic Earthworm Genome	PI at Cardiff University	—	Cardiff University	PacBio SMRT grant + crowdfunding	\$5237\$5237
2015	Ligand-binding speciation in volcanic earthworms	Co-I	Peter Kille	Cardiff University	STFC Beamtime (SP11632)	€12000120000
2015	HookaWorm – Marie Curie Global Fellowship	PI at Cardiff University	—	Cardiff University	H2020-MSCA-IF-2014 (Grant 660378)	£2092209279
2015	Tracking Human Settlement in Neotropical Rainforests	Co-I	Peter Kille	Cardiff University	NERC-IOF (NE/M017656/1)	£2696269691
2015	A Worm’s Trail: Collaborative network Neotropical Rainforests	Co-I	Peter Kille	Cardiff University	NERC-DIR (NE/M017656/1)	£377137718
2012	HOLI-Biopest:	Team	Patricia Garcia	Cardiff University	FLAD	€400040000
2015	Biomonitoring pesticide exposure in agriculture	Member				
2011	Stress in a hot place:	Co-I	Peter Kille	Cardiff University	NERC (NE/I026022/1)	€3800380000
2014	ecogenomics of a pantropical sentinel					
2011	Azorean furnace of evolution: phylogeography & ecotoxicogenomics	Researcher	Armando Rodrigues	University of Azores	FCT (PTDC/AAC-AMB/115713/2009)	€12000120000
2010	Scientific Meeting “A volcanic furnace of Evolution”	PI at University of Azores	—	University of Azores	Regional Government of Azores (M3.2.4/I/003A/2010)	€47404740

Non-approved Projects (n=23)

Call			Principal				
Year	Project	Role	Investigator	Responsible Institution	Funding Source (Reference)	Requested Budget	Status
2024	MetaSoilFun – Promoting soil meta-functionality to improve productivity and climate resilience	PI (UC)	—	University of Coimbra (CFE)	FCT / FEDER (COMPETE2030-FEDER-00817100)	249419.88	Not approved
2024	SOILSPIRE – Solutions for Improving Landscape, Soil health, Promote Pollinators and Restore AgroEcosystems	WP Leader & UC Coordinator	Marta Franco	University of Coimbra (CFE)	Horizon Europe (HORIZON-MISS-2024-SOIL-01-05, Ref:101219005)	7997574.75	Not approved
2024	SPUN Underground Explorers: Bridging Ecology and History: Mycorrhizal Diversity in Bolivia	PI (UC)	—	University of Coimbra (CFE)	SPUN	10498.88	Not approved
2023	InPesth – Integrating nature management for resilient horticultural crops	Researcher	Tiago Natal Da Luz	—	Horizon Europe (HORIZON-CL6-2023-BIODIV-01)	5000000	Not approved
2022	ACT4SOIL – Integrated and multi-actor approach to assess soil biodiversity and ecosystem services	Researcher	Jose Paulo Sousa	—	Horizon Europe (HORIZON-MISS-2022-SOIL-01-03)	8000000	Not approved
2023	SMARTLand – Balancing ecosystem services for fire-resilient landscapes	Researcher	Paula Castro	—	eSudoe (Ref: S1/2.4/P0096)	3000345	Not approved
2022	LowRRA – Low Risk pesticide Risk Assessment	WP Leader	Christopher Topping	Aarhus University	Horizon Europe (HORIZON-CL6-2022-FARM2FORK-01-01, Proposal 101083806)	6989345	Not approved
2022	MrSIFTCarbS – Multi-scalar remote sensing & farming technologies for Carbon Sequestration	Task Leader & UC Coordinator	David Milan	University of Hull	Horizon Europe (HORIZON-CL5-2022-D1-01-01, Proposal 101081243-1)	5646639	Not approved

Call			Principal Investigator	Responsible Institution	Funding Source (Reference)	Requested Budget	Status
Year	Project	Role					
—	Ecosystem services in solar power plants	Researcher	Alexandre Pereira	University of Coimbra (CEF)	FCT (PTDC/CTA-AMB/0159/2021)	249982.75	Not approved
—	Tank mixtures of pesticides – risk assessment for non-target organisms	Researcher	Tiago Natal Luz	University of Coimbra (CFE)	FCT (PTDC/CTA-AMB/2659/2021)	245089.20	Not approved
—	Ecosystem services in solar power plants	Researcher	Alexandre Pereira	University of Coimbra (CEF)	FCT (2018-IPT01-KA201-047513)	249992.20	Not approved
—	MetaFunction – Soil meta-functionality for plant resilience	PI (UC)	—	University of Coimbra (CFE)	FCT (PTDC/ASP-SOL/0731/2021)	249419.30	Not approved
—	Greenhouse gas fluxes in eucalyptus forests	Researcher	Jorge Durán Hu-mia	University of Coimbra (CEF)	FCT (PTDC/BIA-ECO/1068/2021)	249810.20	Not approved
—	Tank mixtures of pesticides – risk assessment for non-target organisms	Researcher	Tiago Natal Luz	University of Coimbra (CFE)	FCT (PTDC/CTA-AMB/2659/2021)	245089.20	Not approved
—	Agroforestry succession systems in Atlantic-Mediterranean climates	Researcher	Pedro Moreira	University of Coimbra (CFE)	FCT (PTDC/ASP-AGR/4688/2021)	249896.20	Not approved

Call			Principal				
Year	Project	Role	Investigator	Responsible Institution	Funding Source (Reference)	Requested Budget	Status
—	Soil biodiversity & functionality in Historical Anthropogenic Ecosystems	PI (UC)	—	University of Coimbra (CFE)	FCT (PTDC/ASP-SOL/2308/2020)	249763.88	Not approved
—	Soil biodiversity and ecosystem functioning for climate mitigation in Indian agriculture	PI (UC)	—	University of Coimbra (CFE)	FCT (DRI/India/0546/2020)	99875.88	Not approved
—	Tank mixtures of pesticides – risk assessment for non-target organisms	Researcher	Tiago Natal da Luz	University of Coimbra (CFE)	FCT (PTDC/CTA-AMB/2313/2020)	248294.11	Not approved
—	Ecosystem services in solar power plants	Researcher	Alexandra Pereira	University of Coimbra (CFE)	FCT (PTDC/CTA-AMB/2566/2020)	249726.11	Not approved
—	SOHERE – Soil Health Restoration of degraded ecosystems	Task Leader & UC Coordinator	Juan J. Jimenez	CSIC / University of Vigo	Horizon Europe (H2020-LC-GD-2020, Proposal 101037822)	19364756.25	Not approved
—	Hidden, Unknown and Neglected: Soil Biodiversity of Mountain Refuges in NE Brazil	PI (UC)	—	University of Coimbra (CFE)	National Geographic Society	\$49,955	Not approved
—	LABS4SOIL – Living LABS for co-creating SOIL health solutions	Researcher	Jose Paulo Sousa	—	Horizon Europe (H2020-MISS-2023-SOIL-01-08)	11000000	Not approved
—	MetaFunction – Soil meta-functionality for plant resilience	PI (UC)	—	University of Coimbra (CFE)	FCT (PTDC/ASP-SOL/0731/2021)	249419.88	Not approved

Service to the Scientific Community - Eval. Criterion 5.1.3 of the Call

Event Organisation (n=14)

Categoria Evento		Local	Função	Data iní- cio	Data fim
Event Organi- sation	1ª Reunião Anual BENCHMARKS	Universidade de Coimbra, Portugal	Presidente da Comissão Organizadora	2024- 02- 20	2024- 02- 22
Event Organi- sation	Workshop de Formação em Amostragem BENCHMARKS	Universidade de Coimbra, Portugal	Presidente da Comissão Organizadora	2024- 02- 19	2024- 02- 19
Event Organi- sation	Workshop BENCHMARKS “Solos Saudáveis para uma Floresta Resiliente”	Universidade de Coimbra, Portugal	Presidente da Comissão Organizadora	2023- 11- 07	2023- 11- 07
Event Organi- sation	Workshop BENCHMARKS “Solos Saudáveis para uma Agricultura Resiliente”	Universidade de Coimbra, Portugal	Presidente da Comissão Organizadora	2023- 07- 14	2023- 07- 14
Event Organi- sation	3rd Workshop of Terra Preta do Índio – 21st Century Challenges in Amazonia	Rio Branco, Brasil	Organisation	2017- 10	2017- 10
Event Organi- sation	2nd Workshop of Terra Preta do Índio – Remote Sensing in Amazonian Ecosystems	Porto Velho, Brasil	Organisation	2016	2016
Event Organi- sation	1st Workshop of Terra Preta do Índio – Engenheiros edáficos e fertilidade do solo	Curitiba, Brasil	Organisation	2015	2015
Event Organi- sation	5th ELAETAO – Encontro Latino Americano de Ecologia e Taxonomia de Oligoquetas	Curitiba, Brasil	Organisation	2015	2015
Event Organi- sation	1st Workshop on Volcanic Environments and their Impact on Biological Organisms	Ponta Delgada, Açores, Portugal	Organisation Member	2010- 12	2010- 12
Event Organi- sation	XI El Açor – International Music Festival	Ponta Delgada, Portugal	Organisation	2010	2010
Event Organi- sation	X El Açor – International Music Festival	Ponta Delgada, Portugal	Organisation	2010	2010

				Data iní- cio	Data fim
Categoria	Evento	Local	Função		
Event Organi- sation	1st Workshop on Volcanic Environments and their Impact on Biological Organisms	Ponta Delgada, Açores, Portugal	Organisation Member	2008	2008
Event Organi- sation	43rd EMBS, European Marine Biology Symposium	Ponta Delgada, Açores, Portugal	Organisation Member	2008	2008
Event Organi- sation	Direction Member of Students Biology Association – National Biology Students Meeting	Universidade dos Açores, Açores, Portugal	Direction Member	2003	2003

Peer Review (n=13 diff Journals)

Category	Journal	Number of Reviews
Peer Review	Chemosphere	2
Peer Review	Diversity	2
Peer Review	Molecular Ecology	2
Peer Review	Acta Amazonica	1
Peer Review	Aquaculture Research	1
Peer Review	Coral Reefs	1
Peer Review	Ecological Indicators	1
Peer Review	Integrative Zoology	1
Peer Review	Revista Brasileira de Ciência do Solo	1
Peer Review	Soil	1
Peer Review	Zootaxa	1
Peer Review	Frontiers in Environmental Sciences	1
Peer Review	Environmental Processes	1

Project Evaluation Panels (n=4)

Year	Role	Program / Call	Institution / Country
2024	Evaluator	Science4Policy 2024 – Public Policy Science Studies Call	FCT, Portugal
2019	Scientific External Reviewer	BiodivERsA Joint Call 2019/2020 – Biodiversity and Climate Change (BiodivClim)	EU / BiodivERsA

Year	Role	Program / Call	Institution / Country
2019– Present	Evaluator	Marie Skłodowska-Curie Individual Fellowships (MSCA-IF)	Research Executive Agency, European Commission, Belgium
2018– 2019	Evaluator	Newton Fund – Research Links / UNESCO Grants	United Kingdom

Research Expeditions (n=8)

Category	Description	Location	Role	Year
Research Expedition	Road trip sampling expedition between Lethem and Iwokrama Reserve to 10 sites in mature forests, 5 researchers	Guyana	Lead	2017
Research Expedition	Road trip sampling expedition between Manaus (Amazonas) and Pacaraima (Roraima) to 30 sites, including archaeological and mature forests, 4 researchers	Brazil	Lead	2017
Research Expedition	Boat trip sampling expedition along Rio Madeira (Amazonas) to 18 sites, including Amazonian Dark Earths and primary forests, 5 researchers	Brazil	Lead	2017
Research Expedition	Road trip sampling expedition between Porto Velho (Rondônia) and Curitiba (Paraná) to 28 sites, including archaeological and primary forests, 3 researchers	Brazil	Lead	2016
Research Expedition	Sampling expedition to 3 Amazonian Dark Earths sites in Porto Velho (Rondônia), with 6 international and 12 local researchers	Brazil	Lead	2016
Research Expedition	Sampling expedition to 3 Amazonian Dark Earths sites in Santarém (Pará), with 7 international and 8 local researchers	Brazil	Lead	2015
Research Expedition	2nd sampling expedition to São Miguel Island (Azores Archipelago), with 4 international and 2 local researchers	Portugal (Azores)	Lead	2013
Research Expedition	1st sampling expedition to São Miguel Island (Azores Archipelago), with 10 international, 3 local researchers, 2 Master's students, 1 undergraduate student	Portugal (Azores)	Lead	2012

Invited Oral Presentations (n=16)

Year	Title	Event / Conference	Role Organizer	Location	Date	URL / DOI	Notes
2021	The “BENCHMARKS” project: Building a European Network for the Characterisation and Harmonisation of Monitoring Approaches for Research and Knowledge on Soils	Encontro Anual das Ciências do Solo	Invited speaker Sociedade Portuguesa de Ciências dos Solos; Faculdade de Ciências da Universidade do Porto; GreenUPorto	Porto, Portugal (Alfândega do Porto)	45474	NA	NA
2021	BENCHMARKS WP4 Summary and future development	BENCHMARKS 2nd General Annual Meeting (session)	Invited speaker Université de Nancy	Nancy, France	45774	NA	NA
2021	The BENCHMARKS Project: Meeting with the delegation of the Permanent Commission for Rural Development of the Senate of the Czech Republic	Institutional meeting	Invited speaker Universidade de Coimbra	Coimbra, Portugal	45901	NA	NA
2021	Soil Macrofauna in Human-made Landscapes	Global Biodiversity Festival 2021	Invited speaker Exploring by the Seat of Your Pants	Online	44317	https://www.globalbiofest.com/	NA
2021	Fronteiras na investigação em Ecologia	1º Encontro de Sistemas de Agroflorestas de Sucessão	Invited speaker Escola Superior Agrária – Instituto Politécnico de Coimbra	Coimbra, Portugal	44531	NA	NA

Year	Title	Event / Conference	Role	Organizer	Location	Date	URL / DOI	Notes
2021	Soil Biodiversity signatures in Anthropogenic Ecosystems	meet.Eco Coimbra 2021	Invited speaker	Associação de Estudantes de Ecologia	Coimbra Portugal	44228	NA	NA
2021	BENCHMARKS Approaches for Soil Health Assessment WP4: Kick-Off Meeting	BENCHMARKS Kick-Off Meeting (WP4 session)	Invited speaker	Wageningen University	Wageningen Netherlands	44958	NA	NA
2021	BENCHMARKS 1st General Annual Meeting: WP4 Summary	BENCHMARKS 1st General Annual Meeting	Invited speaker	Universidade de Coimbra	Coimbra Portugal	45323	NA	NA
2019	Biodiversity Footprints in Amazonian Dark Earths	OnE Division Seminar	Invited speaker	Cardiff University	Cardiff, UK	43009	NA	NA
2015	Soil biodiversity footprints in human-modified landscapes: The case of the Amazonian Dark Earths	MCAA Brazil-Europe Workshop (BREUW)	Invited speaker	Universidade Federal do Maranhão (UFMA)	São Luís, Maranhão, Brazil	2017	NA	NA
2017	Interculturality and knowledge in Life Sciences research	GLOCADEMICS – Researchers’ Science Diplomacy	Invited speaker	Universidade de Coimbra	Coimbra Portugal	2017	http://www.cesna.pt/projectos/gloca-demics	NA
2016	The use of transcriptomics for assessing environmental stress: the story of an earthworm living inside a volcano	ECOTOX 2016	Invited speaker	Pontifícia Universidade Católica do Paraná	Curitiba Brazil	2016	NA	NA

Year	Title	Event / Conference	Role	Organizer	Location	Date	URL / DOI	Notes
2016	The 'Terra Preta de Índio' research network	Fifth International Workshop of the Terra Preta Program	Invited speaker	ESALQ-USP (Piracicaba)	Piracicaba, São Paulo, Brazil	2016	NA	NA
2016	Soil biodiversity footprints associated with ADEs along a land-use gradient	Fifth International Workshop of the Terra Preta Program	Invited speaker	ESALQ-USP (Piracicaba)	Piracicaba, São Paulo, Brazil	2016	NA	NA
2016	As Terras Pretas de Índio: Lições aprendidas e Pesquisas	Diálogo Construtivo	Invited speaker	EMBRAPA Florestas	Colombo, Paraná, Brazil	2016	NA	NA
2016	Hot but not too hot to handle: Persistence of an earthworm under extreme volcanic conditions	Sensitive Biomarkers in Ecotoxicology (CEBA-Azores)	Invited speaker	Universidade dos Açores	Ponta Delgada, Azores, Portugal	2016	NA	NA

Jury (Academic Degree) (n=16)

Level	Author	Title	Degree/Field	Institution/Department	Date
MSc	Enrico Chiesa	About biotic and moisture influence on soil structure and its information theory-based complexity characterisation	MSc in Quantitative and Computational Biology	University of Trento	45717

Level	Author	Title	Degree/Field	Institution/Department	Document
MSc	Mariana Sousa	Biodiversity and function in urban soils of the municipality of Braga	MSc in Biodiversity, Ecology and Global Change	Faculty of Sciences, University of Minho	45717
PhD	Ana Rita Tomé Carreiro	Metagenomic Assessment of Trophic Networks for a Sustainable Conservation of Cabo Verde Seabirds	PhD in Biosciences, Ecology	Department of Life Sciences, University of Coimbra	44986
MSc	Irene Marques	Agroecological Transition: The Influence of Agricultural Practices on Soil Health	MSc in Biological Resources, Land Valorisation and Sustainability	Department of Life Sciences, University of Coimbra	45536
MSc	Guilhem Boyer	Bat diversity, habitat use and potential exposure to PPPs in an agricultural landscape of central Portugal	International MSc in Applied Ecology	Department of Life Sciences, University of Coimbra	45536
MSc	Mariana Nunes	Adaptations of Soil Organisms to Extreme Conditions of a Geothermal Field	MSc in Ecology	Department of Life Sciences, University of Coimbra	45536
MSc	Isabella Castro-Rebello	Terrestrial Application of Environmental DNA Metabarcoding: The Case of Eucalyptus globulus Insect Biodiversity in Portugal	MSc in Biological Resources, Land Valorisation and Sustainability	Department of Life Sciences, University of Coimbra	45474
MSc	Joana Dias	Life After Fire: The Role of Seed Dispersal on Post-Fire Forest Recovery	MSc in Ecology	Department of Life Sciences, University of Coimbra	45474
MSc	Sofia Ramos	Population differentiation and contrasting demographic histories of the Natal Multimammate mouse (<i>Mastomys natalensis</i>)	MSc in Biological Resources, Land Valorisation and Sustainability	Department of Life Sciences, University of Coimbra	45323
MSc	Luísa Fraga	Evaluating Soil Macrofauna Using Morphological and DNA Approaches Along a Gradient of Farming Intensification	International MSc in Applied Ecology	Department of Life Sciences, University of Coimbra	45170
MSc	Yevheniia Shcheka	Measuring the Changes in <i>Apis mellifera</i> Gut Microbiome Composition After Pesticide Exposure	International MSc in Applied Ecology	Department of Life Sciences, University of Coimbra	45170

Level	Author	Title	Degree/Field	Institution/Department	Year
MSc	Sara Moreira	When pathways cross other pathways, that themselves, have met other pathways: crabs responses to cocktails of contaminants	MSc in Bioinformatics and Computational Biology	Faculty of Sciences, University of Porto	44896
PhD	Daisy Maryon	Population ecology and implications for conservation of Uta Spiny-tailed Iguanas in Uta Island Honduras	PhD in Biological Sciences	University of South Wales	44501
PhD	Alessandra Santos	Physical and Chemical Attributes of Coprolites of Endogeic Earthworms	PhD in Soil Science	University of Paraná	44256
MSc	Denagamage Gayashini Preksha Sammani	Evaluating the Impacts of Anaerobic Digestate Applications on Soil Nutrients and Macrofauna in South Wales	MSc in Wildlife Conservation and Management	School of Applied Sciences, University of South Wales	44440
MSc	Mary Kate Doherty	The effect of bio-based fertilisers on soil carbon and soil fauna: a case-scenario in Irish agricultural soils	MSc in Wildlife Conservation and Management	School of Applied Sciences, University of South Wales	44440
BSc	Hugo Arruda	Mitochondrial Activity in Pontoscolex corethrurus Exposed to Natural and Anthropogenic Stress	BSc in Biological and Health Sciences	University of the Azores	2013

Scientific Meetings (n=8)

Categoria	Evento	Local	Data
Reuniões Científicas	1º Workshop “Estratégia nacional de monitorização da Saúde do Solo”	Colégio do Espírito Santo, Universidade do Minho, Portugal	2025-02-20
Reuniões Científicas	2º Workshop “Estratégia nacional de monitorização da Saúde do Solo”	UC Biotech, Universidade de Coimbra, Portugal	2025-06-13
Reuniões Científicas	Workshop “Missão Solo: Projectos, Sinergias e Impactos”	Universidade de Évora, Portugal	2024-10-28
Reuniões Científicas	COST EUdaphobase General Assembly	Copenhaga, Dinamarca	2021

Categoria	Evento	Local	Data
Reuniões Científicas	National Engagement Event on the EU Soil Mission – PORTUGAL	Coimbra, Portugal	2023
Reuniões Científicas	Attendance to Euraxess Rio	Rio de Janeiro, Brasil	2016
Reuniões Científicas	Attendance to Euraxess Porto Alegre	Porto Alegre, Brasil	2016
Reuniões Científicas	Attendance to Euro destinations SP	São Paulo, Brasil	2015

External Services (n=4)

Period	Client	Service Provided	Value/Conditions
Since 2024	Monte Silveira	Consultancy and analysis of microarthropod communities in agricultural production areas using classical and molecular marker-based methods	Annual, €6,500 (+ VAT)
Since 2024	Quinta da Cholda	Consultancy on soil biodiversity assessment and ecosystem services between crops under conventional management with direct seeding	Annual, approx. €50,000 (+ VAT)
Since 2024	COTHN – National Horticultural Operational and Technological Center	Consultancy and analysis of microarthropod communities in agricultural production areas using classical and molecular marker-based methods	Annual, €5,000 (+ VAT)
Since 2023	CloverStrategy	Consultancy on the genetic diversity assessment of cultures of organisms used in ecotoxicological tests	Every 2 years, €3,000–4,000 (+ VAT) per service

Distinctions (Awards)

Year	Title	Institution / Awarding Body	Country
2019	Elected Best Student Partnership (Lecturing) of University of South Wales	University of South Wales	United Kingdom

Year	Title	Institution / Awarding Body	Country
2018	Short-Listed for Best Lecturer of University of South Wales	University of South Wales	United Kingdom
2015	Top 5 finalist of the Royal Geographical Society grant contest “Land Rover Bursary”	Royal Geographical Society	United Kingdom
2015	3rd Place in the PacBio SMRT grant contest	Pacific Biosciences Inc.	United States
2012	4th Place for the Best Business Idea with the project “GEOMARTEC”	Governo dos Açores	Portugal
2011	Mexican Government Scholarship for Advanced Postgraduate Studies	Mexican Government	Mexico
2008	Best Poster Award, International Congress of Metals and Genetics (ICMG 2008)	Université Paris Descartes	France
2008	PhD Scholarship	Fundo Regional para a Ciência e Tecnologia	Portugal
2005	M.Sc. Scholarship	European Social Fund	Belgium
2001	B.Sc. Scholarship	Universidade dos Açores	Portugal

Research Teams & Supervision - Eval. Criterion 5.1.4 of the Call

PhD, Postdoc Supervisions and Technical Staff (n=9)

Level	Name	Title	Degree/Field	Institution/Department	Year	Role	Funding
Technical	Luciana	BENCHMARKS Molecular Lab Fraga Work	MSc	Department of Life Sciences, University of Coimbra	2024-2026	Line Manager	Horizon Europe
Technical	Filipa Reis	BENCHMARKS Lab Admin, Sample Processing and GLP	MSc	Department of Life Sciences, University of Coimbra	2023-2026	Line Manager	Horizon Europe

Level	Name	Title	Degree/Field	Institution/Department	Year	Role	Funding
PhD	Clotilde Nhamale	Soil fauna and Tree Rings: Unlocking Soil-Plant Interactions in Miombo Forests under Climate effects	PhD in Biosciences, Ecology	Department of Life Sciences, University of Coimbra	2024-2028	Main Supervisor	FCT
PhD	Sandra Simões	Integrating Morphological and Multi-Marker Genetic Analysis for Ecological Insights into Otters: A Case Study of the Mondego River System in Portugal	PhD in Biosciences, Ecology	Department of Life Sciences, University of Coimbra	2024-2028	Main Supervisor	FCT
PhD	Ricardo Leitão	Evaluation of Microbial Bioindicators of Soil Health and Ecosystem Function in Agricultural Systems	PhD in Biosciences, Ecology	Department of Life Sciences, University of Coimbra	2021-2025	Co-supervisor	FCT
PhD	Rafael Duarte	Earthworm Biodiversity and Their Role as Bioindicators in Different Land Use Systems and Brazilian Biomes	PhD in Soil Science	Federal University of Paraná, Brazil	2021-2024	Co-supervisor	CAPES (Brazil)
Postdoc	David Stan-ton	Tracking Human Settlement in Neotropical Rainforests	Postdoctoral Research Project	Cambridge University, School of Biosciences (Co-I: Peter Kille)	2015-2018	Co-supervisor	NERC-UK (NE/M017656/1), £269,691
PhD	Talita Ferreira	Relação entre as Minhocas Pontoscolex corethrurus a a Fertilidade do Solo: O Caso das Terras Pretas de Índio e Seus Componentes (Biochar, Matéria Orgânica, Cerâmica, Ca e P)	NA	Federal University of Paraná, Brazil	2016-2020	Co-supervisor	CAPES (Brazil)
PhD	Wiliam Demetrio	Soil Macroinvertebrates and Soil Quality in Amazonian Dark Earths and Adjacent Soils	PhD in Soil Science	Federal University of Paraná, Brazil	2015-2019	Co-supervisor	CAPES (Brazil)

Other Relevant Activities

Management & Coordination Roles (n=)

Period	Role	Unit/Institution	Details/Link
Since April 2025	Coordinator	Environmental Genomics Laboratory (EnGeL-UC), UC Biotech, University of Coimbra	https://cfe.uc.pt/laboratorios-servicos/environmental-genomics-lab/
Since January 2024	Co-coordinator	Soil Health Research Line, Centre for Functional Ecology (CFE), University of Coimbra	https://cfe.uc.pt/grupos-de-investigacao/saude-do-solo/
Since November 2023	Co-coordinator	Thematic Line 2 – Sustainable Agriculture, Forestry and Fisheries, LabTerra – Laboratory for Land Use Sustainability and Ecosystem Services	https://labterra.pt/linhas-tematicas/

Outreach Activities

Title	Source	Link
Earthworms: integral ecosystem engineers	CORDIS Web Forum	https://cordis.europa.eu/article/id/240834-earthworms-integral-ecosystem-engineers
Earthworms — integral ecosystem engineers	phys.org	https://phys.org/news/2018-11-earthwormsintegral-ecosystem.html
The Volcanic Earthworm on Newsweek!	Newsweek	https://www.newsweek.com/quest-sequence-genome-volcano-dwelling-worm-460549
An Azorean story that is over half a billion years old	Açoriano Oriental (Local Azorean Journal)	—