

PERSONAL INFORMATION

EDUCATION AND TRAINING

July 2025 - present

Postdoctoral Research Fellow - Università di CAMERINO (UNICAM)

May 2024 - June 2025



Research Fellow - Università di CAMERINO (UNICAM)

ALGAEBREW - UNLOCKING THE POTENTIAL OF MICROALGAE FOR THE VALORISATION OF BREWERY WASTE PRODUCTS INTO OMEGA-3 RICH ANIMAL FEED AND FERTILISERS - 2021 Joint Call SUSFOOD2-FOSC

Feb. 2021 - June 2025



PhD Candidate in Life and Health Sciences (XXXVI cycle), Università di CAMERINO (UNICAM).

Soil and legumes of the Sibillini for high quality pasta. Application of the arthropod-based Biological Soil Quality Index (QBS-ar) for soil health assessment.

Supervisors: Prof. A. La Terza and E. Vittadini (UNICAM), Dott. M. Fabbri (Azienda Agricola Monte Monaco)

PhD project focused on the **Soil-Food relationship**, investigating agricultural soils used to produce locally grown organic chickpeas and their derived food products. The project was developed in collaboration with Azienda Agricola Monte Monaco S.r.l., a local company specialized in the production of organic legume-based pasta.

- Extensive experience in field activities, including soil sampling for physicochemical and biological analyses (rhizosphere soils), plant morphological trait measurements, and farmer interviews.
- Application of Soil Biological Quality Indices (QBS-ar and QBS-e).
- Experience in phytotoxicity and zootoxicity assessments, including the rearing of soil organisms (earthworms, enchytraeids, and collembolans).
- Development of organic fertilizers from waste-derived materials.
- Strong data analysis skills using R (ggplot2, dplyr, tidy, vegan).
- Experience in food analysis (seeds, flour, and pasta), including physical, nutritional, technological, and sensory evaluation.

Oct. 2023 - Dec. 2023



Visiting Scientist - University of Göttingen - Georg-August-Universität Göttingen

J.F. Blumenbach Institute of Zoology and Anthropology, Animal Ecology (Prof. Dr. Stefan Scheu)

Supervisor: Dott. Ting-Wen Chen

Experience in Collembola functional traits measurements and taxonomic identification

November 2022



Visiting Scientist - Eurac Research,

Supervisor: Prof. Julia Seeber

Earthworms taxonomic identification

Apr. 2015 - Dec. 2021

Waitress

EDUCATION AND TRAINING

Date of award: June 7, 2023

Culture della materia in BIO/05 for the master's degree course "Soil Microbiology and Biodiversity", and for the Bachelor's degree course "Ecotossicologia e valutazione di impatto ambientale - module "Ecotossicologia" e "Ecologia generale".

Date of award: Nov. 16, 2020

Esame di Stato - Authorization to practice the profession of Biologist

SENIOR BIOLOGIST- Università di CAMERINO

Oct. 2018 – July 2020
Date of award: July 24, 2020



Master's degree in Biotechnology applied to Food security and Nutrition

Department of Comparative Biomedicine and Food Science - Università degli Studi di PADOVA (PHARMACEUTICAL VETERINARY AND MEDICAL BIOTECHNOLOGY - LM-9)

Thesis title: **Application of qPCR for the detection of colistine resistance genes in manure and agricultural soil** - Supervisor: Prof. Alessandra Piccirillo

Grade: **110L**

October 2014 – March 2018
Date of award: March 14, 2018

Bachelor's degree in Sciences and Technologies of Animal Production

School of Biosciences and Veterinary Medicine - Università di CAMERINO (ANIMAL SCIENCE AND TECHNOLOGY OF ANIMAL PRODUCTION – L-38)

Thesis title: **First identification of *Streptococcus Equi* in ticks** - Supervisor: Prof. Irene Ricci

Grade: **110L**

School-leaving examination:
July 9 2014

Italian Secondary School Diploma

Liceo classico Giacomo Leopardi, indirizzo linguistico
Viale Aldo Moro, 62019 Recanati (MC), Italy.

Grade: **100/100**

Mother tongue(s)

Italian

Foreign language(s)

English - First Certificate in English (FCE) (level B2) - Cambridge

Spanish - Diplomas de Español como Lengua Extranjera (DELE) (level B1) – Instituto Cervantes

French – (level A1, school level knowledge)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1
Spanish	B2	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user. Common European Framework of Reference for Languages

Communication skills

I can use an appropriate language for communicate clearly and effectively to different types of audiences. Good predisposition to teamwork developed in sport, school, university, and work.

Organisational / managerial skills

I can independently organize and plan my work respecting deadlines and objectives. I have a strong attitude to problem solving, excellent relational skills, spirit of adaptation, and proactivity. Studies and sport have developed in me a relentless focus on result, a strong desire for personal growth and a great motivation for learning. I can manage stress and complex situations, preserving a serene and productive working environment.

Digital skills

SELFASSESSMENT				
INFORMATION PROCESSES	COMMUNICATION	CONTENT CREATION	SAFETY	PROBLEM SOLVING
Independent user	Independent user	Independent user	Basic user	Basic user

[Digital competences - Self-assessment grid](#)

- Proficient in Microsoft Office Suite, including Word, Excel, and PowerPoint, with good knowledge of web browsers (Google Chrome and Mozilla Firefox).
- Good knowledge of image analysis and editing software, including ImageJ, Paint, and Photoshop.

PERSONAL SKILLS

Courses

- **Functional Trait Space Analyses in R**, Physalia courses. Online (12 hours), 23-25 September 2024.
- **Fame Lab talking science Masterclass**. Perugia, 21-23 June 2024.
- **Mapping and spatial operations in R: using R as a GIS** – Physalia courses. Online (12 hours), 12-16 September 2022.
- Digital communication and use of social networks, **Progetto WESOCIAL**, Università degli studi di Padova, Padova, May 2020

Driving licence

B

Prize and Scholarship

- **Second place** – UNICAM BUSINESS GAME. Camerino, 13 May 2026.
- **Third place** – Fame Lab talking science **Italian national final**. Genova, 27 October 2024.
- **First place** - Fame Lab talking science. Camerino, 17 April 2024.
- Winner of the competition for free participation offered by International Union of Soil Science and the Global Initiative for Crop Microbiome and Sustainable Agriculture won at the **3rd Global Soil Biodiversity Conference** in Dublin, 13-15th March 2023.

Publications

- Varatharajan G.R., Coletta M., Kumar S., Bharti D., Ghosh A., Singh S., Kharakwal A.C., Dondero F. & La Terza A. (2026) The Freshwater Ciliate *Coleps hirtus* as a Model Organism for Metal and Nanoparticle Toxicity: Mixture Interactions and Antioxidant Responses. *JoX*, 16(1):23. <https://doi.org/10.3390/jox16010023>
- D'Alessandro A.*, Coletta M.*, Ricci M., Petrini A., Sagratini G., La Terza A. (2026) *From full-scale composting of Organic Fraction of Municipal Solid Waste (OFMSW) with compostable plastic packaging to field application: Effects on wheat growth and rhizosphere microbiome structure*. *Journal of Hazardous Materials*, 501, 140895. <https://doi.org/10.1016/j.jhazmat.2025.140895>
- Varatharajan G.R., Calisi A., Kumar S., Bharti D., Ghosh A., Singh S., Kharakwal A.C., Coletta M., Dondero F. & La Terza A. (2025) Heavy metals affect the antioxidant defences in the soil ciliate *Rigidohymena tetracirata*. *Journal of Xenobiotics (JoX)*, 15(5), 169. <https://doi.org/10.3390/jox15050169>
- Perinelli D.*, Coletta M.*, Sabbatini B., D'Alessandro A., Fabiani F., Passacantando, A., Bonacucina G., La Terza A. (2025) *A.A.A. fine wines WANTED: Blockchain, non-destructive ultrasonic techniques and soil health assessment for wine traceability*. *Sensors*, 25(11), 3567. <https://doi.org/10.3390/s25113567>
- Aguiar J.F., Liberal I.M., Muñoz M.L., Cantos-Villar E., Puertas M.B., Archidona-Yuste A., Casimiro-Soriguer A., Coletta M., D'Alessandro A., González-Robles A., Gramaje D., Renard D., Roy M., La Terza A., Tarifa R., Vacher C., Veen C., Ochoa-Hueso R. (2025) *Development of whole-soil microbial inoculants based on solid-phase fermentation for the regeneration of the functioning of vineyard soils*. *Rhizosphere*, 101039 <https://doi.org/10.1016/j.rhisph.2025.101039>
- Coletta, M., Monticelli, M., D'Alessandro, A., Gentili, C., Torresi, A, Waris, N., La Terza, A. (2025) Managing soil to support soil biodiversity in protected areas agroecosystems. A comparison between arable lands, olive groves, and vineyards in the Conero Park (Italy). *Environmental Monitoring and Assessment*, 197:200 <https://doi.org/10.1007/s10661-025-13658-7>
- D'Alessandro, A.*, Coletta, M.*, Torresi, A., Dell'Ambrogio, G., Renaud, M., Ferrari, B. J., & La Terza, A. (2024). *Evaluation of the Impact of Plant Protection Products (PPPs) on Non-Target Soil Organisms in the Olive Orchard: Drone (Aerial) Spraying vs. Tractor (Ground) Spraying*. *Sustainability*, 16(24), 11302. <https://doi.org/10.3390/su162411302>
- Angeloni S., Caprioli G., Cespi M., Acquaticci L., Mustafa A.M., Santanotoglia A., D'Alessandro A., Coletta M., Waris N., La Terza, A. (2024) *An Innovative Formulation to Improve Spent Coffee Characteristics as Soil Fertilizer: Nutrient, Chemical Characterization and Effects on Plant Germination*. *Biocatalysis and Agricultural Biotechnology* Volume 61 103394 <https://doi.org/10.1016/j.bcab.2024.103394>.

*Joint first author

Manuscripts submitted

- Coletta M., Torresi A., D'Alessandro A., Monticelli M., Bharti D., Kumar S., Chelli S., La Terza A. *Soil microarthropod-based assessment of soil biological quality: abiotic drivers of QBS-ar variability in arable agroecosystems*. Manuscript submitted [Environmental Monitoring and Assessment](https://doi.org/10.1016/j.jhazmat.2025.140895)

Projects and sampling campaigns carried out under the supervision of Prof. La Terza A.

- Coletta M., La Terza A., Scheu S., Chen T.W. *Collembola Eco-Morphological (EMI) and Soil Biological Quality (QBS-c) Indices: A Review and Practical Guidelines for Soil Health Assessment*. Manuscript submitted to *Applied Soil Ecology*.
- Unrevealing Co-evolutionary Patterns in Plants and Microbes under Environmental Stress from Local to Global Scales (**EVOLBIOME**) <https://www.fbbva.es/en/equipo/unrevealing-co-evolutionary-patterns-in-plants-and-microbes-under-environmental-stress-from-local-to-global-scales-evolbiome-2/>.
- Quantitative assessment of the microbiome associated with croplands worldwide (**CROP MICROBIOME**) <https://www.globalsustainableagriculture.org/the-crop-microbiome-survey/>
- Monitoring the contribution of European grasslands to the conservation of soil biodiversity and ecosystem function under multiple global change stressors (**GRASS4FUN**) <https://www.biodiversa.eu/2024/04/15/grass4fun/>
- **Monitoraggio Integrato Multi-Taxon della Biodiversità** presso la Riserva Naturale Statale Montagna di Torricchio (**MIMTB**)
- **Soil and legumes of the Sibillini for high quality pasta** | Borsa di Dottorato Piano Stralcio "Ricerca e innovazione 2015-2017" - Dottorati a tema vincolato "Aree interne/Aree marginalizzate" XXXVI Ciclo - ID Aree Interne DOT1306935
- **AlgaeBrew** | SUSFOOD2 ERA-NET, <https://www.ucd.ie/algaebrew/>
- Applicazione dell'Indice "Qualità Biologica Suolo – artropodi" (QBS-ar) in Aziende Agricole del **Parco del Conero** (Sirolo, AN) | RDP for Marche 2014-2020, Accordi Agroambientali d'Area
- **SISTEMA** – La cura ambientale come leva di sviluppo sostenibile, Parco del Conero (Sirolo, AN), Fondazione Cariverona
- **BioAcornScape** | Submeasure 16.1 Action 2^o Year 2021 – RDP for Marche 2014/2020, ID 59711, <https://www.impresaverdemarche.it/progetto-59711-psr-marche-2014-20-sottomisura-16-1/>
- **OrtoBioStrip** | Submeasure 16.1 Action 2^o Year 2021 – RDP for Marche 2014/2020, ID 59666, <https://www.arca.bio/en/funded-projects/ortobiosstrip/>
- **ABRIOPACK** | Submeasure 16.1 Action 2^o Year 2017 – RDP for Marche 2014/2020, ID 29057, <https://www.arca.bio/en/abriopack/>
- Applicazione dell'Indice "Qualità Biologica Suolo – artropodi" (QBS-ar) in Aziende Agricole della **Riserva Naturale Sentina** (San Benedetto del Tronto, AP) - Comune di San Benedetto del Tronto (AP)
- **B.I.O.C.E.R.T.O.** | Submeasure 16.1 Action 2^o Year 2017 – RDP for Marche 2014/2020, ID 41377, <https://www.biocerto.it/>
- **S.F.I.D.A.** | Submeasure 16.1 Action 2^o Year 2017 – RDP for Marche 2014/2020, ID 29073
- Coletta M., D'Alessandro A., Torresi A., Dell'Ambrogio G., Renaud M., Ferrari B. J. D. & La Terza A. Is drone spraying of PPPs in olive orchards an environmentally friendly alternative to conventional ground spraying that can improve olive protection without harming soil biodiversity? 1st International Congress of Mediterranean Agroecology. Agrigento (Sicily), Italy.
- La Terza A, Monticelli M., Coletta M., Suo X., Bonfini M., Moriconi L., Gaspari E., Sturba R., Caprioli G., Fiorini D., Salvucci M., Ballelli L., Grossi M., Vittadini E., Acoms: A resource of the landscape and food tradition of The Marche Region (Central Italy) to be rediscovered and valorised 1st International Congress Of Mediterranean Agroecology. Agrigento (Sicily), Italy.
- Waris N., Coletta M., Monticelli M., Caprioli G., Cespi M., Vittadini E., La Terza A. Development of fertiliser from brewery waste: Hints from the AlgaeBrew Project. Centennial Celebration and Congress of the International Union of Soil Sciences Florence – Italy. May 19 - 21, 2024.
- Monticelli M., Coletta M., Torresi A., Salvatori L., Marconi M., La Terza A. Soil Biological Quality Index based on earthworms (QBS-e) in strip cropping versus pure stands: preliminary results of the OrtoBioStrip Project. Centennial Celebration and Congress of the International Union of Soil Sciences Florence – Italy. May 19 - 21, 2024
- Waris N., Coletta M., Monticelli M., Caprioli G., Cespi M., Vittadini E., La Terza A. Enhancing Soil health and Nutrient Circularity: Hints from the AlgaeBrew Project. Ecomondo, Rimini, 7-10 November 2023
- Coletta M., D'Alessandro A., Vittadini E., La Terza A. Influence of Organic and Conventional Management Systems on Soil Microarthropods in Protected and Non-Protected Areas. The

Poster presented at National and International Conferences

3rd Global Soil Biodiversity Conference, Dublin. 13- 15 March 2023. DOI: 10.13140/RG.2.2.17805.10725

- Coletta M., D'Alessandro A., Sagratini G., La Terza A. Effect of Compost Added with Compostable Plastic Packaging on Wheat Health, and its Rhizosphere Microbiome. The 3rd Global Soil Biodiversity Conference, Dublin. 13- 15 March 2023. DOI: 10.13140/RG.2.2.27871.43680
- D'Alessandro A., Coletta M., Cespi M., Mozzicafreddo M., Caprioli G., La Terza A. Novel Spent Coffee Ground-Based Biofertilizer: Effects on Crops and Rhizosphere Microbiome, The 3rd Global Soil Biodiversity Conference, Dublin. 13- 15 March 2023
- La Terza A., Bharti D., Basuri C.K., D'Alessandro A., Coletta M., Kumar S. Soil Ciliated Protist Communities from Natural Sites and Agroecosystems in Italy. The 3rd Global Soil Biodiversity Conference, Dublin. 13-15 March 2023
- Grossi M., Scagnetti F., La Terza A., Vittadini E., Monticelli M., Coletta M., Suo X.Y., Yang Q.H., Fiorini D., Caprioli G., Fioretti A., Lattanzi P., Mazzanti E., Catani E.M., Bellesi L., Frau A., Torri F., Ghiande: una risorsa del paesaggio e della tradizione alimentare marchigiana da riscoprire e valorizzare. Innovazioni e sostenibilità ambientale: obiettivi e strumenti della PAC 2023-27, Roma. 1-2 March 2023
- Rosatelli N., Rosatelli R., Malavolta E., Campanelli G., La Terza A., Monticelli M., Coletta M., Colombo L., Pirani M., Tobia L., Piselli V., Tiberi S., Carbonari F., Canali S., Locola I. OrtoBioStrip. Innovazioni e sostenibilità ambientale: obiettivi e strumenti della PAC 2023-27, Roma. 1-2 March 2023
- D'Alessandro A., Coletta M., Cespi M., Mozzicafreddo M., Caprioli G., La Terza A. Novel Spent Coffee Ground-Based Biofertilizer: Effects on Crops and Rhizosphere Microbiome, PhD Workshop Life and Health Sciences, University of Camerino. 25 November 2022
- Coletta M., D'Alessandro A., Fabbri M., Vittadini E., La Terza A. Soil and legumes of the Sibillini for high quality pasta. Symposium Toward the International Society for Gastronomic Sciences and Studies, University of Gastronomic Sciences. Pollenzo-Torino, 22-25 September 2022
- Coletta M., D'Alessandro A., Fabbri M., Vittadini E., La Terza A. Soil and legumes of the Sibillini for high quality pasta. 26th Workshop on the developments in the Italian PhD research on food science technology and biotechnology, University of Turin. Asti, 19-21 September 2022
- Coletta M., D'Alessandro A., La Terza A. Sustainable soil management and biodiversity friendly practices in protected areas: The Sentina Natural Regional Reserve case study. FAO Global Symposium on Soils for Nutrition, Rome, 26 -29 July 2022
- Coletta M., D'Alessandro A., Sagratini G., La Terza A. ABRIOPACK Project: Preliminary Data on the Effect of the Use of Compost Added with Compostable Plastics on Crop Health and Possible Interactions with the Rhizosphere Communities. FAO Global Symposium on Soils for Nutrition, Rome, 26 -29 July 2022

Lectures

- *QBS-ar in natural reserves: Application of the arthropod-based Biological Soil Quality Index (QBS-ar) in croplands in protected areas of the Marche region, Italy.* SISS International "Antonio Berlese" Summer School. Soil Fauna: Applied Ecology and Systematics – First Edition – September 1st-5th, 2025. CREA Experimental Farm, Scarperia e San Piero (FI), Italy

Oral presentations

- The arthropod-based Biological Soil Quality index (QBS-ar): Three-year application in the Sentina Reserve (Italy) at the 8th workshop of the Working Group on QBS-ar. Role of soil arthropods in assessing soil health. 25 novembre 2024, Università degli Studi di Genova, Genova, Italia.
- Coletta M., La Terza A., Soil and legumes of the Sibillini for a high quality pasta. KreativeEU, Blended intensive programme. The role of stakeholders in the construction of the gastronomic science curriculum: a case study. University of Camerino, 1 - 5 July 2024
- Waris N., Coletta M., Monticelli M., Caprioli G., Cespi M., Vittadini E., La Terza A. Valorization of *Nannochloropsis* spp. biomass residues grown on brewery wastewater as a fertilizer and its phytotoxicity assessment on plants. 11th International Conference on Sustainable Solid Waste Management – Greece, Rhodes Island. 19 – 20 June 2024
- La Terza A., Coletta M., D'Alessandro A., Sagratini G., Impact on wheat health and rhizosphere microbiome of compost produced by adding compostable bioplastic packaging to organic waste: A field experiment. 11th International Conference on Sustainable Solid

Technical reports

- Waste Management – Greece, Rhodes Island. 19 – 20 June 2024
- Coletta M., Monticelli M., D'Alessandro A., Gentili C., Waris N., La Terza A. Application of the arthropod-based Soil Biological Quality Index (QBS-ar) in the Conero Regional Park: A comparison between three organic farming systems. Centennial Celebration and Congress of the International Union of Soil Sciences Florence – Italy. May 19 - 21, 2024
- Fioretti A., Passacantando A., La Terza A., Coletta M., Bonacucina G., Gulletta R., Sabbatini B., Fabiani F., Testa U. B.I.O.C.E.R.T.O. – BlockchainisotopicOrigin: CER.tificazione e Tracciabilità sull'Origine biologica dei prodotti. I risultati finali. Biodiversità del suolo e Blockchain: sinergie per la produzione di vini di qualità. Applicazioni nel progetto B.I.O.C.E.R.T.O. Tipicità (Fermo) 9 March 2024.
- Grossi M., Scagnetti F., La Terza A., Vittadini E., Monticelli M., Coletta M., Suo X.Y., Yang Q.H., Fiorini D., Caprioli G., Fioretti A., Lattanzi P., Mazzanti E. Catani E.M., Bellesi L., Frau A., Tomi F., Ghiande: una risorsa del paesaggio e della tradizione alimentare marchigiana da riscoprire e valorizzare (BioAcomScape) – Stand Coldiretti – Tipicità (Fermo) 11 March 2024.
- Coletta M., D'Alessandro A., Sagratini G., La Terza A. The ABRIOPACK Project: Effect of Compost Obtained by Adding Compostable Plastic Packaging to Organic Waste on Wheat Health and Rhizosphere Microbiome. Poster accepted for oral presentation at Ecomondo, Rimini. 7-10 November 2023
- Coletta M., Waris N., D'Alessandro A., Cespi M., Caprioli G., La Terza A., Spent coffee grounds and algae biomass residue as fertilizer: sustainable solutions for crop and soil health. Algaebrew Mid-term Consortium meeting, Camerino. 26-27 September 2023.
- Coletta M., Gentili C., Monticelli M., D'Alessandro A. La Terza A., Seminario qualità delle acque, dei suoli e biodiversità. La biodiversità delle nostre aziende agricole e lo stato di salute dei nostri suoli. Attività di monitoraggio della biologia dei suoli in Aziende Agricole del Parco del Conero mediante l'applicazione dell'indice "Qualità Biologica Suoli - artropodi (QBS-ar)" Fondazione Ferretti, Castelfidardo (AN). 1 Settembre 2023
- Coletta M., D'Alessandro A., Vittadini E., La Terza A. Influence of Organic and Conventional Management Systems on Soil Microarthropods in Protected and Non-Protected Areas, PhD Workshop Life and Health Sciences, University of Camerino. 25 November 2022.
- Progetto SISTEMA. Studio del microbioma del suolo in Aziende Agricole situate nel Parco del Conero (Marche, Italia). Università di Camerino. Scuola di Bioscienze e Medicina Veterinaria Laboratorio di Biodiversità del Suolo e Monitoraggio. Responsabile scientifico e supervisore delle attività progettuali: Prof. Antonietta La Terza. Collaboratori: Dott. Martina Coletta, PhD; Dott. Aldo D'Alessandro, PhD. Campionamenti: Prof. Antonietta La Terza, PhD; Dott. Martina Coletta, PhD; Dott. Marco Monticelli; Dott. Aurora Torresi; Dott. Natasha Waris.
- Monticelli M., Coletta M., La Terza A., Campanelli G., Leteo F., Pepe A., Canali S., Iocola I., Maggioli M., Colombo L., De Donatis F., Pirani M., Piselli V., Malavolta E., Rosatelli N., Rosatelli R. Salute del suolo: artropodi e lombrichi sentinelle dell'agroecologia. 28 agosto 2025. <https://rivistaorticoltura.edagricole.it/orticoltura/salute-del-suolo-artropodi-e-lombrichi-sentinelle-dellagroecologia/>
- Campanelli G., Leteo F., Pepe A., Canali S., Iocola I., Coletta M., La Terza A., Monticelli M., Maggioli M., De Donatis F., Piselli V., Malavolta E., Rosatelli N., Rosatelli R. La coltivazione a strisce fa bene all'economia aziendale e all'ambiente" sulla rivista online Orticoltura (Edagricole). 25 luglio 2025. <https://rivistaorticoltura.edagricole.it/orticoltura/la-coltivazione-a-strisce-fa-bene-all'economia-aziendale-e-all'ambiente/>
- La Terza A., Torresi, A., Coletta M., Monticelli M. Applicazione dell'Indice "Qualità Biologica Suolo - artropodi" (QBS-ar) in Aziende Agricole della Riserva Naturale Sentina - Risultati campagna 2023, May 2024 <https://www.riservasentina.it/>
- La Terza A., Coletta M., Gentili C., Monticelli M., Progetto B.I.O.C.E.R.T.O., report campagna 2023. Novembre 2023.
- La Terza A., Coletta M., D'Alessandro A., Gentili C., Monticelli M., Applicazione dell'Indice "Qualità Biologica Suolo – artropodi" (QBS-ar) in Aziende Agricole del Parco del Conero (Sirolo, AN). Risultati campagna 2023. October 2023
- La Terza A., Coletta M., D'Alessandro A. Applicazione dell'Indice "Qualità Biologica Suolo – artropodi" (QBS-ar) in Aziende Agricole della Riserva Naturale Sentina. Campagna 2022. May 2023 <https://www.riservasentina.it/>
- La Terza A., D'Alessandro A., Coletta M., Gentili C., Monticelli M. Attività di monitoraggio della biologia dei suoli in Aziende Agricole del Parco Regionale del Conero mediante l'applicazione dell'indice di "Qualità Biologica Suoli - artropodi (QBS-ar)": Risultati Campagna 2022. May 2023.
- ABRIOPACK: Bioeconomia circolare nella filiera avicola industriale. March 2023 ISBN 978-88-676-8062-7
- La Terza, Coletta M., D'Alessandro A. Relazione 2021 - Applicazione dell'Indice "Qualità Biologica Suolo - artropodi" (QBS-ar) in Aziende Agricole della Riserva Naturale Regionale Sentina (San Benedetto del Tronto, AP). May 2022 <https://www.riservasentina.it/>
- Abstract Book - Centennial Celebration and Congress of the International Union of Soil

Book of abstracts

Sciences Florence – Italy, May 19 - 21, 2024.

- ECOMONDO. Economia verde, circolare e rigenerativa: ricerca e innovazione e nuove policies. Atti del Convegno. 7-10 novembre 2023. Rimini. ISBN: 978.88.916.6767.0
- 3rd Global Soil Biodiversity Conference 2023. Book of Abstracts of the Conference held in Dublin, Ireland, 13-15 March 2023.
- Gastronomy at the crossroad of ecological transition and social justice. Toward the International Society for Gastronomic Sciences and Studies. Book of Abstracts of the Symposium held in Turin, Italy, 23-25 September 2022. ISBN: 979-12-80673-04-6
- Proceedings of the 26th Workshop on the Developments in the Italian PhD Research on Food Science, Technology and Biotechnology, Università degli Studi di Torino – Asti (Italy), September 19 -21 2022. ISBN: 978-88-75902-27-8

Teaching activity and other activities

I was co-supervisors of 2 students of the master's degree in Biodiversity and Ecosystem Management (Supervisor Prof. Antonietta La Terza)

- Gentili Celeste "Application of Soil Biological Quality Arthropods Index (QBS-ar) in organic farms of the Conero Regional Park: A comparison between three different management systems (arable lands, vineyards, and olive groves)". Graduated July 6, 2023
- Torresi Aurora "Soil Biological Quality Arthropod Index (QBS-ar) in the agroecosystems of the Sentina Natural Regional Reserve: three years of application according to seasonality". Graduated April 4, 2024

I was co-supervisor of 2 undergraduate students, of the bachelor's degree in Biology and Biosciences and Biotechnology (Supervisor Prof. Elena Vittadini) and in Ambiente e Gestione Sostenibile delle Risorse Naturali (Supervisor Prof. Antonietta La Terza)

- Bhuiyan Junayed A. "Physico-chemical characterization of chickpeas from different locations in Sibillini mountains and derived food products (Flour and pasta)". Graduated June 2025.
- Noemi Mobili "Monitoraggio ecologico del suolo forestale: applicazione dell'indice QBS-ar e indagini nell'ambito del progetto Evolbiome". Graduated October 2025.

Communication and dissemination activities

- "Scienza in Festa! Il Festival della Scienza dell'Università di Camerino". Abbazia di Fiastra (Italy), June 15- 16, 2024.
- "Alla scoperta degli organismi del suolo". Sharper night 2023. Camerino. 29 September 2023.

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.

1 April 2026