

EUROPEAN CURRICULUM VITAE FORMAT

VITAE FORMAT



PERSONAL INFORMATION

Name Chiara Mansi
Address Via Matteo Palmieri 31 Roma (RM)
Phone **3334000122**
Fax
E-mail chiara.mansi@unitus.it
Linkedin <https://www.linkedin.com/in/chiara-mansi-86518a1b7/>
ORCID <https://orcid.org/my-orcid?orcid=0000-0003-0333-8261>
Nazionalità italian
Date of Birth 21.11.1993

WORK EXPERIENCE

- Date (from – to) 11/2024 – Present
- Employer **University of Tuscia**
- Sector/Department **Department of Ecological and Biological Sciences - DEB**
- Position **PhD Research Project: Monitoring and Evaluation of Management Effectiveness in Protected Areas**
- Responsibilities and tasks The training project, in line with the Convention on Biological Diversity (CBD) and the subsequent COP meetings (Kunming-Montreal and COP16), aims to evaluate the effectiveness of Protected Areas. Initially, a questionnaire will be developed based on various assessment methodologies established since the 2006 publication of IUCN’s guidelines on Protected Area management effectiveness (RAPPAM, METT, IUCN Green List), as well as additional methodologies implemented by UNESCO (WHS and MAB). The project will explore governance, planning, management, and ecosystem monitoring aspects in Protected Areas, with a primary focus on Integral Reserves. Analyses will be conducted in parallel on the Google Earth Engine platform to examine compositional, functional, and structural characteristics of ecosystems and to evaluate management effectiveness. Finally, the project will also consider the degree of local population involvement in the governance of Protected Areas.
- Date (from – to) 08/2024 – 10/2024
- Employer **University of Tuscia**
- Sector/Department **Department of Ecological and Biological Sciences - DEB**

<ul style="list-style-type: none"> • Position 	<p>Communicating the European Union's Biodiversity Strategy: Theoretical and Applied Case Studies</p>
<p>Responsibilities and tasks</p>	<p>Within the Erasmus+ project BESTNATURE ("Boosting EU Biodiversity Strategy by Empowering Higher Education Curricula and Green Skills for Nature Protection and Restoration"), scientific dissemination and public engagement in biodiversity awareness, its benefits, and the EU strategy for its conservation and restoration are among the primary goals for achieving impactful outcomes. During the three-month scholarship period, various activities were undertaken with a focus on scientific communication and dissemination. One of the roles was web manager, which included ongoing updates to the BESTNATURE project website alongside managing the project's Instagram page, where daily reels were posted during field activities. During the project's summer school (BESTNATURE Field Week), I recorded the activities and managed the citizen science section aimed at students, developing a questionnaire for this purpose.</p> <p>https://www.bestnature.unitus.it/</p>
<ul style="list-style-type: none"> • Date (from - to) • Employer 	<p>08/2023 - 07/2024 University of Tuscia</p>
<ul style="list-style-type: none"> • Sector/Department • Position 	<p>Department of Ecological and Biological Sciences - DEB Research fellowship: "Study of the 3D Structure of Forest Ecosystems Inside and Outside Italian Protected Areas -TREE - D"</p>
<p>Responsibilities and tasks</p>	<p>The remote sensing research focused on Integral Reserves managed by the Carabinieri Biodiversity Group, comprises data extraction within a GIS environment using Google Earth Engine (GEE) platform. Data extractions were followed by statistical analysis in JASP. The study involved comparing maximum temperatures within the Poggio Tre Cancelli Reserve, selected as a case study, with similar forests at 1, 5, and 10 km distances in terms of topography, vegetation, eco-pedology, structure, and ecology, which are under increasing forest management pressures.</p> <p><u>During this fellowship, I also contributed to European projects development</u>, participating in the submission of two proposals, both of which were subsequently approved: one under Horizon Cluster 6-BIOD and another under Life GOV. Within the BESTNATURE project, I developed the topic "Sport in Nature" as part of a lecture on Protected Area governance for the Beginner (Undergraduate) level. Additionally, other lessons were implemented on Moodle to make learning more innovative, particularly through the use of the H5P plugin.</p>
<ul style="list-style-type: none"> • Date (from - to) • Employer 	<p>07/2022 - 07/2023 University of Tuscia</p>
<ul style="list-style-type: none"> • Sector/Department • Position 	<p>Department of Ecological and Biological Sciences - DEB <u>"Scholarship: Study of Scientific Research Funding Tools in Europe"</u></p>

Responsabilities and tasks	<p>The purpose of this scholarship was to study the skills required for a project manager, specializing in scientific projects. The main funds and programs studied included regional competitive grants (e.g., LazioInnova) as well as direct EU funding sources such as LIFE, ERASMUS+, HORIZON EUROPE, and Interreg+. This scholarship also provided an opportunity to support the resubmission of the Erasmus+ KA2 HED BESTNATURE project, which was approved for funding. The project aims to create blended university courses (undergraduate, master's, and PhD) consisting of a theoretical module followed by four summer schools. Aligned with the European biodiversity strategy, it equips students with tools for biodiversity monitoring and ecosystem conservation (green skills).</p>
<ul style="list-style-type: none"> • Date (from - to) • Employer 	<p>01/2022 - present</p> <p>Free Activism n Defense of Valle Fontana (Rome, Municipality XIV)</p>
Responsabilitis and tasks	<p>Valle Fontana has been home to spontaneous gardens for over 60 years, but in 2022 became the subject of a controversial re-development project. This redevelopment and enhancement were necessary, but they could have been carried out with a lower environmental impact, given the natural quality of the valley itself, which is part of a wider natural landscape and connected with forested areas (these peculiarities were found in the Regional Territorial Landscape Plan. As a graduate in Forest Sciences, together with my brother, graduated in Political Sciences, we developed a report (which later became part of a scientific article) to highlight the natural and social peculiarities of this small cork oak valley. WWF and other non-governmental organizations supported us in speaking with the institution and the Convention of Faro gave its cultural recognition to the valley. Today, we have founded, together with the other long-time gardeners, an association registered in the RUNTS (National Register of Third Sector Entities) to request a participatory project with the institutions to build a better future for this valley, harnessing its potential and involving the local community (from citizens to schools of all levels).</p> <p>https://faroitaliaplatform.it/places/italy/lazio/roma/valle-fontana/</p> <p>https://www.researchgate.net/publication/367092350_UN_SETTOR_E_DI_'CAMPAGNA_ROMANA'_A_RISCHIO_DI_URBANIZZAZIONE_VALLE_FONTANA_-_VALLE DELLE CAMPANELLE ROMA ITALIA CENTRALE UN PRIMO INQUADRAMENTO FINALIZZATO ALLA TUTELA</p>
<ul style="list-style-type: none"> • Date (from - to) • Employer • Sector/Department • Position 	<p>05/2021 - 09/2021</p> <p>Universidad de Huelva (España)</p> <p>Departamentos Ciencias Integradas</p> <p>" Traineeship"</p>

Responsabilitis and tasks I used ArcGis to investigate whether Andalusia served as a glacial refuge for forest species. This work relied on prior hindcasting models covering historical time frames, including the Last Interglacial (~130,000 years ago) and Last Glaciation (~20,000 years ago).

- Date (from - to) 04/2020 - 05/2021
- Employer **University of Tuscia**
- Sector/Department **DAFNE Department, University of Tuscia**
- Position **" Tutor"**

Responsabilitis and tasks I worked supporting the international mobility offices to expand cooperation and develop project proposals leveraging European funds.

- Date (from - to) 06/2020 - 07/2020
- Employer **University of Tuscia**
- Sector/Department **DAFNE Department, University of Tuscia**
- Position **" Internship"**

Responsabilitis and tasks Analyzed soil samples from my vegetable garden, examining structure, texture, pH, and organic content to assess the sustainability of agricultural practices.

- Date (from - to) 06/2017
- Employer **University of Tuscia**
- Sector/Department **DAFNE Department, University of Tuscia**
- Position **" Internship"**

Responsabilitis and tasks Collected macroinvertebrates along a tributary of the Nera River (near Viterno), used microscopy for species identification, and calculated the Extended Biotic Index to assess water quality.

- Date (from - to) 09/2017 - 03/2018
- Employer **Castelporziano Presidential Estate**
- Sector/Department **DAFNE Department, University of Tuscia**
- Position **" Internship as naturalistic guide"**

Responsabilitis and tasks I worked also at the bird-ringing station to identify bird species and understand the ecological role of water bodies during migration. Led ecological and historical tours of the site.

- Date (from - to) 03/2017 - 12/2017
- Employer **University of Tuscia**

- Sector/Department **DAFNE Department, University of Tuscia**
 - Position **" Orientation tutor**
- Responsabilitis and tasks Student orientation and participation in university open days.
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- Date (from – to) 08/2018
 - Employer **Municipality of Pieve Tesino (TN)**
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- Sector/Department **DAFNE Department, University of Tuscia**
 - Position **" Practical training**
- Responsabilitis and tasks Trail maintenance and invasive species removal, creating informative signage.

EDUCATION AND TRAINING

- • Date (from – to) 01/2017 – 03/2021
 - Institution **University of Tuscia DAFNE Department, University of Tuscia**
 - • Degree Master in Conservation and Restoration of Forest Environments and Soil Protection (LM-73), RAP Curriculum
 - Grade '110/110 with honors.
- “Thesis title: Sustainable Forest Management in Protected Areas accordingly to zonation”
The thesis aimed to investigate the practical sustainability tools—environmental, economic, and socio-cultural—implemented by Protected Areas for the management, conservation, and preservation of forest communities. Given that Protected Areas exhibit varying degrees of naturalness, which influence their zoning, the study purpose was understanding how these tools were applied across different protection zones to maintain or improve ecosystem conditions.
- Examples of some of the tools examined include:
- **Environmental:** Permanent sample plots for long-term monitoring and/or climate change studies through projects, GIS implementation, etc.
 - **Economic:** EU and regional funding, PEFC and FSC certifications, carbon credit sales and/or ecosystem services, agreements and partnerships, etc.
 - **Socio-cultural:** Slow and sustainable tourism, environmental education, and dedicated informational applications
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- • Date (from – to) 07/2020 – 07/2021
 - Institution **CNA Sostenibile Viterbo**
 - • Degree Project management for regional, national, and European funding access
- Final project ‘Compostorto’ focused on creating urban green spaces for

environmental restoration.
Certificate of Attendance

- Date (from - to) 10/2012 - 11/2016
- Institution **University of Tuscia DAFNE Department, University of Tuscia**
 - Degree Bachelor in Forest and Nature Conservation Science and Technology, GAPP Curriculum
 - Grade '110/110 with honors.
- Thesis Title:
"Incidents Caused by Wild Boar in the Province of Rome"
Starting from the georeferencing of points where incidents occurred, cartographic analyses were conducted, also taking into account proximity to protected areas, waterways, and urban centers. By identifying hotspots, it becomes possible to take preventive measures to reduce the incidence of these accidents.

- Date (from - to) 04/2021 - 05/2021
- Institution **LIFE GO PRO FOR (theoretical-practical course)**
- Main subjects / professional skills studied Martelloscope
IBP (Potential Biotic Index)
Dendro-microhabitats, Tree Silviculture
Certificate as an Expert in Forest Management for Biodiversity Conservation
Certificate of Attendance

- Date (from - to) 01/2021 - 04/2021
- Institution **A.L.P.A. (Lazio Association of Beekeepers)**
- Main subjects / professional skills studied Basic theoretical-practical course to acquire the knowledge and skills necessary for managing an apiary
Certificate of Attendance

- Date (from - to) 03/2020 - 02/2021
- Institution **Python Institute**
- Main subjects / professional skills studied Basic knowledge of python language
Statement of Achievement 'PCAP: Programming Essentials in Python'

- Date (from - to) 01/2020 - 07/2020
- Institution **University of Tuscia**
- Main subjects / professional skills studied 24 ECTS required for Teaching (Anthropology, Pedagogy and Psychology)
Mean grade 26/30
Single exam in university career

- Date (from - to) 2019-2020
- Institution **University of Tuscia - Nello Lupori Teaching and Experimental Agricultural Company**
- Main subjects / professional Theoretical and Practical Courses Attended:

skills studied

- Grafting Techniques in Fruit and Vegetable Cultivation
- Drip Irrigation and Use of H2OCAD Software (for designing and sizing irrigation systems based on flow rate)
- Hazelnut Pruning

Certificate of Attendance

- Date (from – to)
- Institution
- Main subjects / professional skills studied

10/2018

University of Tuscia – Botanical garden Angelo Rambelli

Theoretical and Practical Courses on the Identification of Wild Epigeal Fruits

Certificate of Attendance

- Date (from – to)
- Institution
- Main subjects / professional skills studied

06/2018

University of Tuscia – Department of DAFNE

Training course to become a Safety and Protection Service Manager
Completion of Occupational Safety Certificates A, B, and C, with Module B specific to ATECO Sector 1 (to be renewed)

- Date (from – to)
- Institution
- Main subjects / professional skills studied

10/2015 – 05/2016

British Institute Romes

English course B1+

- Date (from – to)
- Institution
- Main subjects / professional skills studied

02/2014 – 07/2014

Universidad de Huelva (España)

Erasmus Programme

Exams Taken:

Pathology, Entomology, and Silviculture

One-Day Theoretical and Practical Courses:

Aquaponics Project: A system linking plant cultivation with aquaculture, where nitrogen produced by fish is absorbed by plant roots, which in turn purify the water, allowing it to be recirculated back to the fish tank. This creates a sustainable, closed-loop system that conserves resources. The project was examined as part of the entomology course.

Identification of Iberian Wildlife Tracks (Curso de Identificación de Huellas de Fauna Ibérica): Conducted by the Department of Tracking and Agroforestry Sciences.

- Date (from – to) 09/2007 – 07/2012
- Institution **High School Liceo Lucio Anneo Seneca**
Erasmus Programme
- Main subjects / professional skills studied : **Qualification:** Classical high school diploma with a grade of 80/100
Studied classical subjects including Greek and Latin translations, philosophy, history, Italian literature, and reading and analysis of *The Divine Comedy*.

PERSONAL SKILLS

MOTHER TONGUE **ITALIAN**

OTHER LANGUAGE

ENGLISH

- READING B1
- WRITING B1
- SPEAKING B1

SPANISH

- READING B1
- WRITING B1
- SPEAKING orale B1

RELATIONAL SKILLS

- Strong communication abilities, creativity, dynamism, respect, and teamwork experience, enhanced by the Erasmus programme.

ORGANIZATIONAL SKILLS

Autonomous, patient, goal-oriented with adaptability, concentration, and organizational abilities (consistent in study and work).

Effective problem-solver, capable of both independent work and teamwork, strong resilience. I can solve problems independently but have no difficulty asking for help when needed.

I have good teamwork skills (also developed through team sports), I am autonomous and independent, yet I enjoy sharing ideas, projects, and goals with others

TECHNICAL SKILLS

Proficient in Microsoft Office Suite (Word, PowerPoint, Excel)
GIS software (QGIS, QField, IDRISI, ArcGIS)
Basic Python programming
Video editing software (CANVA, DaVinci Studio Resolve)

ARTISTIC SKILLS

- Writing (poetry, short stories)
- Embroidery and knitting
- Reading (essays, novels)
- Basic guitar

OTHER SKILLS AND COMPETENCIES

- Excellent adaptability and resourcefulness: This is due to my passion for slow trekking and long-distance walking (e.g., Via degli Dei).
- Innate affinity for animals and the study of their behavior: My passion for ethology began after reading The Ring of King Solomon by Konrad Lorenz.

ADDITIONAL INFORMATION

I have a sunny, outgoing, creative, and dynamic personality.

The undersigned, aware that – pursuant to Article 76 of Presidential Decree No. 445/2000 – false statements, falsification of documents, and the use of false documents are punishable under the Penal Code and special laws, declares that the information provided is true.

The undersigned, regarding the processing of personal data, expresses consent to the processing of such data in compliance with the purposes and methods established by Legislative Decree No. 196/2003.

Data 08/11/2024.....

Signature

