

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name	EMANUELE PALLOZZI		
Address	RESEARCH INSTITUTE ON TERRESTRIAL ECOSYSTEMS (IRET) - CNR C/O AREA DI RICERCA ROMA 1 - Ed.4 VIA SALARIA KM 29.300 00015 MONTEROTONDO (RM) - ITALY		
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Other link	https://orcid.org/0000-0001-5604-5337		
E-mail	emanuele.palloszi@cnr.it		
Nationality	Italian		
Date of Birth	13/12/1977		
Gender	Male		

WORK EXPERIENCE

- | | |
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| <ul style="list-style-type: none">• Dates (from - to) | December 2018 - today |
| <ul style="list-style-type: none">• Name and address of the employer | Institute of Research on Terrestrial Ecosystems (IRET) - National Research Council (CNR) |
| <ul style="list-style-type: none">• Type of business or sector | |
| <ul style="list-style-type: none">• Occupation or position held | Technologist |
| <ul style="list-style-type: none">• Main activities and responsibilities | |
| <ul style="list-style-type: none">• Dates (from - to) | January 2016 – December 2018 |
| <ul style="list-style-type: none">• Name and address of the employer | Institute of Agroenvironmental and Forest Biology (IBAF) - National Research Council (CNR) |
| <ul style="list-style-type: none">• Type of business or sector | |
| <ul style="list-style-type: none">• Occupation or position held | Technologist with temporary contract |
| <ul style="list-style-type: none">• Main activities and responsibilities | |
| <ul style="list-style-type: none">• Dates (from - to) | July 2012 – December 2015 |
| <ul style="list-style-type: none">• Name and address of the employer | Institute of Agroenvironmental and Forest Biology (IBAF) - National Research Council (CNR) |
| <ul style="list-style-type: none">• Type of business or sector | |
| <ul style="list-style-type: none">• Occupation or position held | Research fellow |
| <ul style="list-style-type: none">• Main activities and responsibilities | |

EDUCATION AND TRAINING

- | | |
|--|--|
| <ul style="list-style-type: none">• Dates (from - to) | January 2009 – April 2012 |
| <ul style="list-style-type: none">• Name and type of organisation providing education and training | Institute of Agroenvironmental and Forest Biology (IBAF) - National Research Council (CNR) |
| <ul style="list-style-type: none">• Principal subjects/occupational skills covered | Study on the interaction between different light quality and BVOC emissions in plants |
| <ul style="list-style-type: none">• Title of qualification awarded | PhD in Forest Ecology |

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered

December 2007 – June 2008

ARPALAZIO (Agenzia Regionale Protezione Ambientale del Lazio)

Training in bacteriological analysis on food and drinkable water

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1996 – 2007

Università degli Studi di Roma "La Sapienza"

Experimental degree thesis aimed at studying tRNA splicing endonuclease

Graduate in Biology

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

OTHER LANGUAGES

ITALIAN

ENGLISH

SCIENTIFIC SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

- Research interests (5 Key words): plant physiology, VOC, gas exchange, particulate matter, greenhouse gases.
- Author of 25 publication on Scientific Journals.
- Responsible of several advanced instrumentation for volatiles analyses (e.g. Ionicon PTR-TOF-MS, Ionicon PTR-QMS, Agilent GC-MS, LiCOR LI-7000, LiCOR LI-6400XT).
- Participant on the field in different campaigns across the Europe: Antwerpen and Gent (Belgium), Beskids Mountains and Brno (Czech Republic), Ny Alesund (Svalbard Island, Norway) as well as many Italian sites.
- Management of the eddy covariance tower in the urban park of Capodimonte Naples, Italy)
- MATLAB programming and advanced computer skills

RELEVANT ROLES AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

- Coordinator of VOC research group in IRET – Monterotondo (RM)
- Responsible of gas exchange laboratory in IRET – Monterotondo (RM)
- Responsible of the combustion laboratory in IRET – Monterotondo (RM)

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 26
- TOTAL NUMBER OF CITATIONS: 300
- H-INDEX: 12

LAST 10 PUBLICATIONS

1. Nestola, E., Sgrigna, G., Pallozzi, E., Caccavale, L., Guidolotti, G., & Calfapietra, C. (2022). Experimental Characterization of Particulate and Gaseous Emissions from Biomass Burning of Six Mediterranean Species and Litter. *Forests*, 13(2), 322. <https://doi.org/10.3390/f13020322>
2. Pace, R., Guidolotti, G., Baldacchini, C., Pallozzi, E., Grote, R., Nowak, D. J., & Calfapietra, C. (2021). Comparing i-Tree Eco Estimates of Particulate Matter Deposition with Leaf and Canopy Measurements in an Urban Mediterranean Holm Oak Forest. *Environmental Science & Technology*, *acs.est.0c07679*. <https://doi.org/10.1021/acs.est.0c07679>
3. Ciccioli, P., Pallozzi, E., Guerriero, E., Iannelli, M. A., Donati, E., Lilla, L., Rinaldi, C., Svaldi, P., Ciccioli, P., & Mabilia, R. (2021). A New Testing Facility to Investigate the Removal Processes of Indoor Air Contaminants with Different Cleaning Technologies and to Better Assess and Exploit Their Performances. *Environments*, 9(1), 3. <https://doi.org/10.3390/environments9010003>
4. Pallozzi, E., Guidolotti, G., Mattioni, M., & Calfapietra, C. (2020). Particulate matter concentrations and fluxes within an urban park in Naples. *Environmental Pollution*, 266, 115134. <https://doi.org/10.1016/j.envpol.2020.115134>
5. Gavrichkova, O., Brykova, R. A., Brugnoli, E., Calfapietra, C., Cheng, Z., Kuzyakov, Y., Liberati, D., Moscatelli, M. C., Pallozzi, E., & Vasenev, V. I. (2020). Secondary soil salinization in urban lawns: Microbial functioning, vegetation state, and implications for carbon balance. *Land Degradation & Development*, 31(17), 2591–2604. <https://doi.org/10.1002/ldr.3627>
6. Gavrichkova, O., Scartazza, A., Guidolotti, G., Kuzyakov, Y., Leonardi, L., Mattioni, M., Nawrocka, J., Pallozzi, E., Skwarek, M., Tomczyska, M., & Calfapietra, C. (2019). When the Mediterranean becomes harsh: Heat pulses strongly affect C allocation in plant-soil-atmosphere continuum in *Eucalyptus camaldulensis*. *Environmental and Experimental Botany*, 162(February), 181–191. <https://doi.org/10.1016/j.envexpbot.2019.02.019>
7. Bombi, P., Fedi, C., Zapparoli, M., Cammarano, M., Guidolotti, G., Pallozzi, E., Gaudet, M., Mattioni, C., Cherubini, M., Beritognolo, I., & Villani, F. (2019). Infestation potential of *Dryocosmus kuriphilus* Yasumatsu, 1951 (Hymenoptera: Cynipidae) in different natural populations of *Castanea sativa* Miller: an experimental ex situ test. *International Journal of Pest Management*, 65(2), 147–153. <https://doi.org/10.1080/09670874.2018.1483091>
8. Guidolotti, G., Pallozzi, E., Gavrichkova, O., Scartazza, A., Mattioni, M., Loreto, F., & Calfapietra, C. (2019). Emission of constitutive isoprene, induced monoterpenes, and other volatiles under high temperatures in *Eucalyptus camaldulensis*: A ¹³C labelling study. *Plant Cell and Environment*, 42(6), 1929–1938. <https://doi.org/10.1111/pce.13521>
9. Cristiano, G., Pallozzi, E., Conversa, G., Tufarelli, V., & De Lucia, B. (2018). Effects of an animal-derived biostimulant on the growth and physiological parameters of potted snapdragon (*Antirrhinum majus* L.). *Frontiers in Plant Science*, 9(June), 1–12. <https://doi.org/10.3389/fpls.2018.00861>
10. Pallozzi, E., Lusini, I., Cherubini, L., Hajiaghayeva, R. A., Ciccioli, P., & Calfapietra, C. (2018). Differences between a deciduous and a conifer tree species in gaseous and particulate emissions from biomass burning. *Environmental Pollution*, 234, 457–467. <https://doi.org/10.1016/j.envpol.2017.11.080>

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Monterotondo (RM), 21.03.2022