EUROPEAN CURRICULUM VITAE FORMAT

PERSONAL INFORMATION

Name	**PAOLA ADAMO**
Address	**DIPARTIMENTO DI AGRARIA - UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II VIA UNIVERSITÀ 100, PORTICI (NAPOLI) - 80055**
Telephone	**0812539172**
SCOPUS links	https://www.scopus.com/authid/detail.uri?authorId=56652027100
ORCID link	Paola Adamo (0000-0003-4054-4611) (orcid.org)
E-mail	**paola.adamo@unina.it**
Nationality	Italian
Gender	female

WORK EXPERIENCE

• Dates (from - to)	November 2010 - today
• Name ad address of the employer	Università degli Studi di Napoli Federico II – Department of Agricultural Sciences
• Type of business or sector	
• Occupation or position held	**Full professor – Agricultural Chemistry (AGR/13)**
• Main activities and responsibilities	

• Dates (from - to)	November 2002 – October 2010
• Name ad address of the employer	Università degli Studi di Napoli Federico II – Department of Agricultural Sciences
• Type of business or sector	
• Occupation or position held	**Associate professor – Agricultural Chemistry (AGR/13)**
• Main activities and responsibilities	

• Dates (from - to)	September 1993 – October 2002
• Name ad address of the employer	Università degli Studi di Napoli Federico II – Department of Agricultural Sciences
• Type of business or sector	
• Occupation or position held	**Researcher – Agricultural Chemistry (AGR/13)**
• Main activities and responsibilities	

EDUCATION AND TRAINING

• Dates (from - to)	1991 – 1992
• Name and type of organisation providing education and training	Università di Aberdeen (Scozia)
• Principal subjects/occupational skills covered	Study of the Soil-Root Interactions in Acid Soils
• Title of qualification awarded	**Master of Science in Soil Science**

• Dates (from - to)	1990

• Name and type of organisation providing education and training	Consiglio Nazionale delle Ricerche (CNR)
• Principal subjects/occupational skills covered	
• Title of qualification awarded	**Research Fellow**
• Dates (from - to)	1980 - 1988
• Name and type of organisation providing education and training	Università degli Studi di Napoli Federico II
• Principal subjects/occupational skills covered	Experimental degree thesis aimed at studying lichen as factors of pedogenesis and biological indicators of environmental pollution
• Title of qualification awarded	**Graduate in Agricultural Sciences**

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE	**ITALIAN**
OTHER LANGUAGES	**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): soil pollution, air pollution, biomonitoring, bioavailability, speciation.
- Author of 127 publications on Scientific Journals.
- Lecturer of approximately 30 academic courses or modules since 1993 (i.e., Soil chemistry, Soil fertility, Biomonitoring, Agrochemistry, Soil contamination and remediation, Fundamentals of agricultural chemistry and biochemistry).
- Organization and Communication at national and international congresses (more than 50 communications).
- Supervisor of more than 40 university theses (three-year and master's); guiding teacher and co-rapporteur of 10 doctoral theses.
- Soil, sediment or plant/organic matrix physicochemical characterization, microwave-assisted digestion and elemental analysis by CHNS and AAS, ICP-OES or ICP-MS, UV-Vis-IR Spectroscopy, XRD, TGA, SEM-TEM-EDS.

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.

- Head of the research group leading the Laboratory for multielement analyses (LAM), dedicated to the study of potentially toxic elements biogeochemistry, at the University of Napoli Federico II.
- Responsible of the Mineralogy Museum “Antonio Parascandola” (MUSA Center https://www.centromusa.it/it/centro-musa-portici/musa.html).
- President (2019-2020) and Past President (2021-2022) of the Italian Society of Soil Sciences.
- Coordinator of 20 research projects as principal investigator or research unit/action leader. The four most important ones in the last 5 years:
    - 2022-2025 “Strengthening of the Italian RI for Metrology and Open Access Data in support to the Agrifood (METROFOOD-IT)”, Funding body: MUR-PNRR, Role: Referente scientifico di progetto per Università di Napoli Federico II
    - 2020-2022 "Metodi avanzati Tracciabilita' geografica e miglioramento della qualità Pomodorino Piennolo del Vesuvio DOP (TOMATO TRACE 4.0)", PSR Campania 2014/2020, Role: Scientific coordinator;
    - 2016-2018: “Campania Trasparente – Monitoring activities for the Regione Campania”. Funding body: Regione Campania/Istituto Zooprofilattico del Mezzogiorno, Role: Action 1 Leader
    - 2015-2016 “Operational tools for assessing and controlling the quality of agricultural systems in the Piana Campana”, Funding body: Campania Region, Role: Research Unit Leader.
- Editor special issue of Soil Systems (ISSN 2571-8789) "Assessment and Remediation of Soils Contaminated by Potentially Toxic Elements (PTE)".
- Appointed as a member of the Ethics Committee for the Italian Society of Agricultural Chemistry (SICA), (January 2022).

- Italian Leader of the International Memorandum of Collaboration between the Agricultural Sciences Department of University of Naples Federico II and the Japan Atomic Energy Agency (2019-2024)
- Promotor LLP–ERASMUS Bilateral Agreement with the Faculty of Agriculture, University of Zagabria (Croatia), and the Mendel University of Brno (Czech Republic).

PUBLICATION INDEXES (SCOPUS, MAY 2023)

- NUMBER OF PUBLICATIONS: 138
- TOTAL NUMBER OF CITATIONS: 5307
- H-INDEX: 44

10 MOST RELEVANT PUBLICATIONS

In the last 10 years.

1. Caporale, A.G., Paradiso R., Liuzzi G., Palladino M., Amitrano C., Arena C., Arouna N., Verrillo M., Cozzolino V., De Pascale S., **Adamo P.** (2023). Green compost amendment improves potato plant performance on Mars regolith simulant as substrate for cultivation in space. Plant and Soil, https://doi.org/10.1007/s11104-022-05860-0
2. Ruggiero L., Amalfitano C., Di Vaio C., **Adamo P.,** 2022. Use of near-infrared spectroscopy combined with chemometrics for authentication and traceability of intact lemon fruits. Food Chemistry 375, 131822, https://doi.org/10.1016/j.foodchem.2021.131822
3. Duri, L.G., Caporale, A.G., Rouphael, Y., Vingiani, S., De Pascale, S**., Adamo, P.,** 2022. The Potential for Lunar and Martian Regolith Simulants to Sustain Plant Growth: A Multidisciplinary Overview. Frontiers in Astronomy and Space Sciences 8, 747821, https://doi.org/10.3389/fspas.2021.747821
4. Khelifi, F., Caporale, A.G., Hamed, Y., **Adamo, P**., 2021. Bioaccessibility of potentially toxic metals in soil, sediments, and tailings from a north Africa phosphate-mining area: Insight into human health risk assessment. Journal of Environmental Management 279, 111634, https://doi.org/10.1016/ j.jenvman.2020.111634
5. Serrani, D., Ajmone-Marsan, F., Corti, G., Cocco, S., Cardelli, V., **Adamo, P**., 2021. Heavy metal load and effects on biochemical properties in urban soils of a medium-sized city, Ancona, Italy. Environmental Geochemistry and Health, Environ Geochem Health https://doi.org/10.1007/s10653-021-01105-8
6. Ruggiero L., Fontanella M.C., Amalfitano C., Beone G.M., Adamo P., 2021. Provenance discrimination of Sorrento lemon with Protected Geographical Indication (PGI) by multi-elemental fingerprinting. Food Chemistry, 362, 130168
7. Khelifi, F., Melki, A., Hamed, Y., **Adamo, P**., Caporale, A.G., 2020. Environmental and human health risk assessment of potentially toxic elements in soil, sediments, and ore-processing wastes from a mining area of southwestern Tunisia. Environmental Geochemistry and Health 42(12), 4125–4139, https://doi.org/10.1007/s10653-019-00434-z
8. Agrelli, D., Caporale, A.G., **Adamo, P**., 2020. Assessment of the bioavailability and speciation of heavy metal(loid)s and hydrocarbons for risk-based soil remediation. Agronomy, 10(9), 1440, https://doi.org/10.3390/agronomy10091440
9. Di Palma, A., Capozzi, F., Agrelli, D., Amalfitano, C., Giordano, S., Spagnuolo, V., **Adamo, P.,** 2018. Geochemistry and carbon isotopic ratio for assessment of PM10 composition, source and seasonal trends in urban environment. Environmental Pollution 239, 590–598, https://doi.org/10.1016/j.envpol.2018.04.064.
10. **P. Adamo**, D. Agrelli, M. Zampella, 2018. Chemical speciation to assess bioavailability, bioaccessibility and geochemical forms of potentially toxic metals (PTMs) unpolluted soils. Chapter 9 in B. De Vivo, H.E. Belkin, A. Lima (Eds.), Environmental Geochemistry, Site Characterization, Data Analysis and Case Histories (second ed.), Elsevier, Amsterdam (2018), pp. 153-194, https://doi.org/10.1016/B978-0-444-63763-5.00010-0.

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.

Napoli, 25.05.2023