



## Elisa Pellegrini, PhD

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Team of Environmental Soil Functionality: <https://soil.uniud.it>

### RESEARCH ACTIVITY

- 2023-now Tenure-track assistant professor (RTDb),  
University of Udine
- 2022-23 Assistant professor (RTDa), University of  
Udine
- 2021-22 Post Doc, University of Udine, on projects  
related to saline flooded soils
- Research fellowship - award For Women in  
Science l'Oréal-Unesco, University of Udine,  
on the topic of the common reed die-back
- Team member within the Horizon2020  
project PULCHRA - Science in the city  
(H2020-SWAF-2018-2-GA), University of  
Udine
- 2019-21 Marie Skłodowska-Curie actions - Individual  
Fellowship (H2020-MSCA-IF-839542),  
University of Copenhagen, Denmark
- 2018-19 Post Doc, University of Udine, on the topic of  
plant-soil interactions in hydromorphic  
soils
- 2017 Monitoring and updating of the checklist of  
exotic plants in FVG, Friulian Museum of  
Natural History of Udine and FVG Region

### RESEARCH KEYWORDS

Soil Science, Flooding, Salt stress, Oxygen dynamics,  
Soil Biochemistry, Soil Organic Matter, Plant-Soil  
interactions, Sulfides, Applied Botany, Heavy metals,  
Wetlands

### EDUCATION

- 2017 PhD in Environmental and Life Sciences,  
University of Trieste and Udine (inter-  
university)
- 2013 Master's degree in Environmental Sciences,  
University of Trieste and Udine (inter-  
university)
- 2009 Bachelor's degree in Environmental Sciences,  
University of Udine

### LAB TECHNIQUES

Microsensors for gases, pH and redox; planar optodes  
for O<sub>2</sub> and pH, DET/DGT for nutrients and metal(loid)s

### AWARDS AND RECOGNITIONS

- 2022-now National PNRR fund for young researchers  
(Mission 4, Component 2, Investment 1.2, Notice  
247 in 2022)
- 2022 *RADIATE-Twinning program* funding for the access to  
European beamline facilities, at the Jožef Stefan  
Institute, Ljubljana, Slovenia
- 2021 National award *For Women in Science l'Oréal-Unesco*
- 2019 *Marie Skłodowska-Curie actions - Individual Fellowship*  
(H2020-MSCA-IF-839542)

### SERVICES

- 2022, 24 Expert panel member - European Commission, for  
MSCA-PF proposals
- 2022-23 Guest researcher at the department of Biology of  
the University of Copenhagen, Denmark
- 2023-now Member of SICA - Italian society of Agricultural  
Chemistry
- 2021 Guest editor for the open access journal *Plants* (IF  
3.935)
- 2017-now Reviewer for several peer-reviewed journals

### PAPERS AND CONGRESSES

45 contributions among which 41 peer-review papers, 2  
technical reports and 2 informative book chapters. Speaker at  
several congresses and workshops, 4 of them as invited  
speaker.

### TEACHING

- 2024-now Teacher in "Chemistry and Biochemistry of  
Pollutants", University of Udine (6 ECTS)
- 2022-now Teacher in "Environmental Soil Functionality",  
University of Udine (6 ECTS)
- 2022 Part of the teaching staff of the multidisciplinary  
"Basic course on sustainable development",  
held online, University of Udine (2 ECTS)
- 2021-23 Part of the teaching staff of the multidisciplinary  
course "Freshwater ecology", University of  
Copenhagen (7.5 ECTS)
- 2022-now Supervisor of several bachelor theses
- 2014-now Co-supervisor of 3 PhD theses and several  
bachelor and master theses