

Maha DEEB-COLLET, PhD

Academic Qualification

- 2012-2015 PhD in environmental sciences, entitled "Influence of plants, earthworms and organic matter on structure of constructed Technosols" at Paris-Est Créteil University (UPEC).
- 2012 Master 2 (Sustainable Development Engineer) Specialty Anthropized Environments at the Lorraine University, Vandœuvre-Les-Nancy, France. (66.7% -13.34/20)
- 2008 Degree in Agronomy, specialized in pedogenesis at the Faculty of Agronomy of the Euphrates University, Syria (66.34% - 13.3/20, valedictorian)
- 2002 Bachelor of Sciences in Rakka, Syria (85.42% - 17/20)

Professional Experience

- Currently** Independent science researcher at boue-sols.
- 2019-2020 Temporary Lecturer and Research Assistant, since October 2019 at the Lorraine University, Metz, France.
- 2017-2019 Post Doc "Green infrastructure" at the Advanced Science Research Center, New York, USA.
- 2016-2017 Post Doc "Green infrastructure project" at the Brooklyn College, New York, USA.
- 2016- 2017 Teaching practical classes in English at the Brooklyn College, module "Earth and environment" (60h).
- 2016- 2017 Teaching lecture classes in English at the New York Botanical Garden, module "Soil chemistry " (20h).
- 2013-2015 Supervisor at Youth Club for Research and Development with students of the School of Landscape and Environment (Vaujours-93 France): a study of the evolution of different species of plants in structure of Technosols.
- 2014 Teaching practical classes in French at Paris-Est University, Module "Soil Pedology" (35h).
- 2012 Master 2 training course (6 months, Soils and Environment Laboratory, University of Lorraine, Vandœuvre-les-Nancy, France).
- 2010 Assistant professor in the Department of Soil Science, Faculty of Agronomy at the University of Damascus, Syria, specialization "soil fertility". Teaching (in Arabic) practical classes at the Department of Soil Science in the Faculty of Agriculture at the University of Damascus, specialization "soil fertility" (36h), "soil quality" (36h) and "soil microorganisms" (36h).

- 2009 Engineer of Water Resources Management, Department of Water Resources Latakia, Syria.
- 2008 Teacher in secondary schools, Rakka, Syria "mathematics, chemistry and biologic" (1 year).

Skills

- Pedology** Soil analysis (chemical, physical and biological), organic matter amendments, microorganisms (diversity and activity), land description, hydro-structural analysis, American, Russian and French classification.
- Computer** ICDL Diploma (2008), Advanced level of R stat, Sigma Plot, ExcelStat, Microsoft Office, VB and C++ programming.
- Languages** English: Spoken, written (lived in the USA for 3 years)
French: Spoken, written (lived in France for 6 years and married to a French man)
Arabic: Native language

Activities

- Member of the Soil Science Society of America.
- Research Coordinator of the Urban Soil Institute (USI) in New York.
- Active participation in the organization of the USI symposiums on urban soils and different workshops.
- Reviewer in various journals.
- Member of the French Association for Soils Study (AFES) since 2013.