

CURRICULUM VITAE

PERSONAL INFORMATION



Meryem BOUTELDJA

Living in Cité ben herga n°: Guelma, Algeria

Telephone: (+213) 698598775

Email:

bouteldja.meryem@univ-guelma.dz

Bouteldja2021meryem@gmail.com

meryem.bouteldja@yahoo.fr

Sex: female | Date of birth 27/11/1992 | Nationality Algerian

Studies and languages

- From 2021: Teacher-researcher at Sciences of Nature and Life Department. 08 mai 1945 University. Guelma. Algeria
- From 2016 to 2021: PhD studies in biological sciences, Hungarian University of Agriculture and Life Sciences, Gödöllő, Hungary. PhD Dissertation title: “**N₂O fluxes from nitrification and denitrification processes in agricultural soils**”, under supervision of Dr. János Balogh
- From 2014 to 2016: Second year MSc degree, speciality: healthy, water, environment: Environmental Microbiology.
- From 2014 to 2015: First year MSc degree, speciality: healthy, water, environment: Environmental Microbiology.
- From 2011 to 2014: Bachelor’s degree in general microbiology.
- From 2008 to 2011: Baccalaureate session in Experimental sciences.
- From 2004 to 2008: Obtaining BEM end of studies in college.
- From 1998 to 2004: Obtaining 6 years certificate.

BIBLIOGRAPHY

Published articles with impact factor:

- 1- Temporal variability and drivers of nitrous oxide emissions from Central Hungarian croplands: field and pot experiments.
Meryem Bouteldja, Insaf Malek, Katalin Posta, Györgyi Kampfl, Szilvia Fóti, Krisztina Pintér, Zoltán Nagy, János Balogh. Eurasian soil science journal
Doi:10.1134/S1064229321080032

- 2- Responses of soil respiration to different biotic and abiotic drivers in a temperate cropland. Insaf Malek, **Meryem Bouteldja**, Katalin Posta, Szilvia Fóti, Krisztina Pintér, Zoltán Nagy, János Balogh. Eurasian soil science journal.
Doi: 10.1134/S1064229321070097

8- Szántóföldi szénmérleg egy közép-magyarországi mintaterületen, 273–288. 2022. János Balogh, Krisztina Pintér, Szilvia Fóti, Giulia De Luca, Adám Mészáros, **Meryem Bouteldja**, Malek Insaf, Gábor Gajda and Zoltán Nagy.
0002-1873. 1588-2713. <https://doi.org/10.1556/0088.2022.00125>

Published conference papers:

- 1- N₂O flux from planted and not planted cropland soils.
Meryem Bouteldja, Insaf Malek, Katalin Posta, Györgyi Kampfl, János Balogh.
18th Alps-Adria Scientific Workshop. p. 30,31
Doi: 10.34116/NTI.2019.AA.7.
- 2- Temporal variability of N₂O emission in agricultural field.
Meryem Bouteldja, Insaf Malek, Katalin Posta, Györgyi Kampfl, János Balogh.
19th Alps-Adria Scientific Workshop. P.63.
Doi: 10.34116/NTI.2020.AA
- 3- CO₂ efflux from agricultural soils in Hungary.
Insaf Malek, **Meryem Bouteldja**, János Balogh, Katalin Posta.
(18th Alps-Adria Scientific Workshop).
Doi: 10.34116/NTI.2019.AA.43. p. 104-105
- 4- The effect of biotic and abiotic drivers on soil respiration in Kartal site.
Insaf Malek, **Meryem Bouteldja**, Katalin Posta, János Balogh.
(ALPS Abstract Book – 19th Alps Adria Scientific Workshop Wisła, Poland, 29.04 – 05.01.2020). p.64. DOI: 10.34116/NTI.2020.AA
- 5- Soil carbon balance in Hungarian crop rotation systems.
Giulia De Luca, János Balogh, Krisztina Pintér, Szilvia Fóti, **Meryem Bouteldja**, Insaf Malek, and Zoltán Nagy.
EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-10977, <https://doi.org/10.5194/egusphere-egu21-10977>, 2021.

Conference posters

- 1- Influence of N fertilizer on N₂O and CO₂ fluxes of planted and not planted cropland soil
Meryem Bouteldja, Insaf Malek, János Balogh, Katalin Posta.
(International congress of the African Association of Biological Nitrogen Fixation (AABNF2018)), Oran, Algeria. PS3-08, p. 75.
- 2- N₂O flux of planted and not planted cropland soil.

Meryem Bouteldja, Insaf Malek, János Balogh, Katalin Posta, Györgyi Kampfl. (International conference, Ensa, Algir, Algeria 2018). p.235-236.

- 3- N₂O flux of planted and not planted cropland soil in response to the N fertilizer (the annual scientific conference called "Smart developments and sustainability" - 5th VUA YOUTH Scientific Session). p. 17-25

Meryem Bouteldja, Insaf Malek, János Balogh, Katalin Posta, Györgyi Kampfl

- 4- CO₂ efflux from agricultural soils.

Malek Insaf, **Bouteldja Meryem**, János Balogh, Katalin Posta.

(the annual scientific conference called "Smart developments and sustainability" - 5th VUA YOUTH Scientific Session). p.152-159.

Online participations

- 1- Endnote index certificate, 17-19th November 2020, IFAD SCIENTIFIC PLATFORM.
- 2- Scientific research from choosing a topic to publishing, 16th November 2020, IFAD SCIENTIFIC PLATFORM.
- 3- Methods of linking scientific research results with previous studies, 21st November 2020, IFAD SCIENTIFIC PLATFORM.

Supervision of students:

Master students:

- 1) Hocine Fatiha, Chaibderraine Majda & Lahouarche Loubna (2022): Contribution à l'étude de la qualité microbiologique de l'eau de quelques sources naturelles dans la région de GUELMA.
- 2) Bekkouche Chourouk & Boudjnah Yassmine (2022): Etude qualitative de la viande bovine fraîche et après décongélation par deux méthodes différentes.
- 3) Selaimia Nora, Boukerche Madjida & Nabti Roumaïssa (2023): Evaluation de la qualité microbiologique de l'eau potable (eau de robinet) et l'eau de quatre sources naturelles dans la région de Guelma.
- 4) Sebti Djihane, Sekfali Wissel & Raoughi Abir (2023): Suivi de la qualité microbiologique des confitures au cours de leur conservation