



Mustafa Hmoudah

Email address:

EDUCATION AND TRAINING

09/2021 – CURRENT Cluj-Napoca, Romania

PHD STUDENT IN ENVIRONMENTAL SCIENCE Univeristy of Babes Bolyai

10/2019 – 09/2021 Cluj Napoca, Romania

MASTER'S DEGREE IN RISK ASSESSMENT AND ENVIRONMENTAL SAFETY University of Babes Bolyai

12/2018 – 06/2019 Alba Iulia, Romania

ROMANIAN LITERATURE University of 1st December 1918

09/2011 – 05/2016 Nablus, Autonomous Palestinian Territories

BACHELOR'S DEGREE IN URBAN PLANNING ENGINEERING An-Najah National University

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
ROMANIAN	C1	C1	C1	C1	C1

PUBLICATIONS

[A System-Based Assessment of Methane Sources in an Eastern European Urban Environment](#)

Hmoudah, M., & Baci, C. (2026). A System-Based Assessment of Methane Sources in an Eastern European Urban Environment (Cluj-Napoca, Romania). Atmosphere, 17(4), 351.

[Urban Sewer Methane Emissions under Cold-Climate Conditions: A City-Scale Assessment](#)

(Under Review)

[Enhancing Urban Methane Emission Quantification from Natural Gas Using High-Resolution Approach](#)

(Under Review)

[Long-term emission of methane and ethane to the atmosphere from hybrid natural seepage](#)

Ghiorgiu, E., Ajtai, I., Martonos, I. M., Hmoudah, M., et al. (2025). Long-term emission of methane and ethane to the atmosphere from hybrid natural seepage. Applied Geochemistry, 195, 106614.

[Methane Sources in Cluj-Napoca, Romania: Insights From Isotopic Analysis](#)



Van Es, J., Van Der Veen, C., Baci, C., Hmoudah, M. et al. (2025). Methane Sources in Cluj Napoca, Romania: Insights From Isotopic Analysis. *Journal of Geophysical Research: Atmospheres*, 130(18), e2024JD043015.

Risk Assessment of Hazardous Waste Management Process

Hmoudah, M., Gligor, D., & Török, Z. (2024). Risk Assessment of Hazardous Waste Management Process. *Studia Universitatis Babeş-Bolyai Ambientum*, 39–56.