

Date of birth: 09/01/1988 | **Nationality:** Albanian | **Gender:** Male | (+355) 692553397 | omema@ubt.edu.al |

● WORK EXPERIENCE

01/09/2019 - CURRENT - Tirana, Albania

FACULTY OF AGRICULTURE AND ENVIRONMENT, AGRICULTURAL UNIVERSITY OF TIRANA

Assistant lecturer: GIS, Remote Sensing, Geodesy; Cartography;

10/2025 - CURRENT

Geoinformation Center for Sustainable Development in the Western Balkan- GEO-WB6

Executive Director; GIS expert

18/08/2023 - 14/02/2024- Dresden, Germany

CHAIR OF GEOINFOMATICS, TECHNICAL UNIVERSITY OF DRESDEN

Researcher - Land suitability assessment for cereal crops using a GIS-based approach

01/06/2011 - 30/08/2019 - Tirana, Albania

EXPROPRIATION SPECIALIST – ALBANIAN ROAD AUTHORITY, EXPROPRIATION SECTOR

Working with cadastral maps in GIS

Field measurements

Calculating the expropriation areas in Autocad and GIS

Drafting the legal documents for the Ministry of Transport

01/01/2010 - 31/12/2010 - Tirana, Albania

EXPERT ON SPATIAL DATA TRANSFER – OSCE AND INTERIOR MINISTRY

Establish the database of addresses for Albania in GIS

Map creation for Address system in Albania

● EDUCATION AND TRAINING

04/2022 - 07/2026- Street "Pajsi Vodica" , Tirana, Albania

PHD IN AGRICULTURAL SCIENCES – Department of Crop Sciences, Faculty of Agriculture and Environment, Agricultural University of Tirana, Albania

2010 - 2012 - Tirana, Albania

MASTER OF SCIENCE IN GEODESY – Polytechnic University of Tirana, Faculty of Civil Engineering

2006 - 2009 - Tirana, Albania

BACHELOR IN GEODESY – Polytechnic University of Tirana, Faculty of Civil Engineering

● LANGUAGE SKILLS

Mother tongue(s): **ALBANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
ITALIAN	B1	B1	A2	A2	A2
GERMAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Word | Microsoft Excel | AutoCAD 2D | Geographical Information Systems (GIS) |
ArcGIS Pro | Basic Knowledge in MATLAB
Remote sensing

● HONOURS AND AWARDS

2021
Professional license Nr.8, date 17.12.2021 for "Assessment of Real Estate for Agricultural Land, Forest Land, Pasture non-fruitland" - Ministry of Infrastructure and Energy, Albania

10/04/2018
Professional license T. 1157/1 as a Geodetic Engineer – Ministry of Infrastructure and Energy

● COMMUNICATION AND INTERPERSONAL SKILLS

Good communication skills gained through my experience

I worked in such positions and enterprises where team work has been essential in achieving assigned tasks

● PUBLICATIONS

1. Mema O, Jovic E, Laze P, Vorpsi V, Vata N, Salillari I: 2026. Optimizing land management: A GIS-based model for sustainable agricultural machinery operation in Frakulla Administrative Unit, Albania. International Journal of Geoinformatics, 22(3): 51-69.
2. Mema O, Jovic E: 2026. Sensitivity analysis of multi-criteria based wheat suitability mapping using One-At-a-Time (OAT) approach in Frakulla Administrative Unit. Albanian Journal of Agricultural Sciences, 25(1): 22-30.
3. Jović E, Mema O, Vorpsi V, Laze P, Salillari I, Vata N: 2026. Quantitative and spatial assessment of agricultural mechanization using analytical indicators and GIS: A case study of the Frakull Administrative Unit, Albania. International Journal of Ecosystems and Ecology Science (IJEES), 16(2): 273-290.
4. Mema O, Jovic E, Laze P, Vorpsi V, Vata N, Salillari I, Dorri A: 2026. Assessing agricultural potential

through combined land suitability and machinery management: A GIS-based approach. *International Journal of Innovative Technology and Interdisciplinary Sciences*, 9(2): 981-1018.

5. Jojiç, E., Vata, N., Laze, P., Vorpsi, V., Mema, O. and Salillari, I., 2026. EVALUATION OF THE MECHANIZATION LEVEL: A CASE STUDY OF DIVJAKA MUNICIPALITY. *International Journal of Ecosystems & Ecology Sciences*, 16(1): 147.
6. Mema O, Laze P, Jojic E, Khramov M, Lymar O: 2024. Application of analytical hierarchical process in assessing the suitability of land for growing grain crops. *Scientific Horizons*, 27(12): 79-89.
7. Mema O, Jojic E, Laze P: 2024. GIS-based multi-criteria decision making approach as a tool for land suitability analysis - A review. In: *International Scientific Conference "Conserving Soils and Water 2024"*, December 9-12, Varna, Bulgaria, ISSN 2535-0234 (Print); ISSN 2535-0242 (Online).
8. Biturku, J., Mema, O., Hofmann, M., Dodona, E., Dedaj, K. and Jojic, E., Agro-Climatic Suitability of Albanian Arable Land for *Nigella Sativa* L.: Analyzing Soil Structure and Organic Matter Effects. *International Scientific Conference "Conserving Soils and Water 2024"*, December 9-12, Varna, Bulgaria, ISSN 2535-0234 (Print); ISSN 2535-0242 (Online).
9. Mema O, Jojic E, Laze P, Salillari I, Maes S: 2024. Mapping spatial variability status of criteria influencing crop-land suitability using geographic information system. In: *37th Istanbul International Conference on Agriculture, Biodiversity, Water & Waste Management (IABW2M-24)*, May 13-15, Istanbul, Turkey, ISBN 978-989-9121-38-6.
10. Mema O, Jojic E, Laze P, Salillari I, Maes S: 2023. Application of geospatial technique and analytic hierarchy process for crop-land suitability evaluation. In: *4th International Conference on Agriculture and Life Sciences ICOALS*, November 1-3, 2023, Tirana, Albania, ISBN 978-9928-3635-10.
11. Etleva Jojiç, Edmond Demollari, Altin dorri, Albert shira, Olsid Mema, Aleksander Peqini, "Assessment of energy performance of the agromechanicbuilding, Tirana, Albania" Icoals 3"- poster session
12. Etleva JOJIÇ; Edmond DEMOLLARI; Aleksandër PEQINI; Olsid MEMA; Ndoc VATA, "Evaluation of the efficiency of photovoltaic panels installed in the building of agromechanics, Agricultural University of Tirana" referred in "16th International Conference of Institute "Alb-Shkenca" Shkup, Maqedonia e Veriut, 1-3 Tetor 2021. EtlevaJojic; Edmond Demollari; AleksandërPeqini; OlsidMema; NdocVata
13. Demollari, E., Jojic, E., Sallaku, E., Vorpsi, V., Dodona, E., Mema, O. and Demollari, E., Original Paper Comparison of Biogas Concentrations in Various Environmental Conditions and Determination of the Optimal Period of Its Production at Environment Temperature; *Energy and Earth Science* Vol. 4, No. 3, 2021; ISSN 2578-1359 (Print), ISSN 2578-1367 (Online)

● DRIVING LICENCE

Driving Licence: B