

PERSONAL INFORMATION

Orjeta Jaupaj Elbasani



 Rr. "Dervish Hima", Pall. "Leskova", Ap. 3/2, Tirana-Albania

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 orijaupaj@gmail.com

Sex Female | Date of birth 26/02/1974 | Nationality Albanian

WORK EXPERIENCE

09.2011 to date

Science Researcher

Institute of Geosciences, Energy, Water and Environment, Polytechnic University of Tirana
www.geo.edu.al

- Bioenergy; Evaluation of biomass Potentials; Technologies and Sources

[Research Institution](#)

01.2008 to 09.2011

Science Researcher

Institute of Energy, Water and Environment, Polytechnic University of Tirana
www.geo.edu.al

- Bioenergy; Evaluation of biomass Potentials; Technologies and Sources

[Research Institution](#)

07.2009 to date

Lector

Faculty of Civil Inginierring; "Polytechnic University of Tirana
www.geo.edu.al

- Ecology; Environmental Protection

[University](#)

10.2007 to 07.2009

Lector

Faculty of Natural Sciences; "Luigj Gurakuqi" University
www.unishk.edu.al

- Botany; Plant Systematics

[University](#)

05.2005 to 09.2007

Biologist

Former Institute of Biological Research; Academy of Sciences of Albania

- Assess the quality of river water by estimating the diatom indicators

[Research Institution](#)

EDUCATION AND TRAINING

03. 2014

Doctor of Sciences

University of Tirana; Faculty of Natural Sciences, Albania;

- Plant Biotechnology; Genetic Improvement of wheat; Building resilience of cereals to new climate features

- 06. 2012 **Certificate**
ARPA-SIMC, Bologna, Italy
 - Model, nowcast, satellite and product delivery

- 05. 2011 **Certificate**
CIMA Research Foundation, Savona, Italy
 - Risk Assessment and Management for Civil Protection Managers

- 10. 2010 **Workshop**
EUMETSAT, Darmstad, Germany
 - Dawbee Satellite Applications

- 07. 2007 **Master of Sciences**
University of Tirana; Faculty of Natural Sciences, Albania;
 - Acuatic Biology

- 06. 2007 **Certificate**
Universita del Salento
 - Ecology, Conservation and Management of transitional and coastal aquatic ecosystems

- 02. 2007 **Certificate**
Universita degli studi di Bari
 - Formazione e Ricerca Sulle Methodologie di Anilisi e Gestione Dei Bacini Fluviali

- 02. 2006 **Certificate**
Academy of Sciences & University of Tirana
Methodological approaches to assess river ecosystem health: Crossborder comparison of procedures

- 07. 1996 **BSc.**
Faculty of Natural Sciences, University of Shkodër, Albania
 - Biology & Chemistry

PERSONAL SKILLS

Mother tongue(s) Albanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Italian	B2	B2	A2	A2	A2
French	A2	B2	A2	A2	A2
Turkish	A2	A2	A2	A2	A2

Computer skills Good command of Microsoft Office™ tools and SPSS 17 software

Driving licence B

ADDITIONAL INFORMATION

Publications

- Comparative considerations on the response of some wheat varieties on late planting “AJNTS”, Academy e Sciences, Tirana (in print).
- Current and expected state of biomass use for energy production in Albania, In: *Proceedings of the Workshop “International Cooperation in the Field of Bioenergy”*, October, Moscow, Russia (in print).
- From municipal solid wastes to energy: Review on the existing models & approaches to estimate energy potentials. In: *Proceedings of the International Conference on Green Energy and Environmental Science in Albania*. Tirana, 2014
- Evaluation of water quality in the city of Tirana, In: *Proceedings of the International Conference ICRAE*, Shkodër May, 2013
- Late planting of wheat varieties vs. climate change adaption: Prospects for resilient varieties and features. *J. Chem. Bio. Phy. Sci.*; 4 (1): 201-208, 2013.
- Wheat: in search of diverse features to successfully cope with a changing world. “*Journal of Agronomy and Forestry*”, 59 (1): 29-39, Podgorica, 2013
- Albania: Tracing the Paths of Biomass Energy. *Journal of Environmental Science Computer Science, Engineering & Technology*, 1(3), 316-328, 2012.
- Renewable Biomass: Suggestions and Proposed Alternatives, *World Journal of Environmental Biosciences* 1(2): 100-110, 2012
- Droughts and their impact on the Albanian territory, “*Journal of Agronomy and Forestry*”, 58 (1): 7-17, Podgorica, 2012
- Environmental impact of the bio-fuel utilization in the transport sector in the case of Albania. In: *Proceedings of the International Conference “Towards future sustainable development”* Shkodër, 2012
- The genetic improvement of wheat culture while facing the new trends of global changes. In: “*BALWOIS-2012*”, Ohrid, 2012.
- Meteorological information a helpful tool for the decision making in different fields in Albania, In: “*BALWOIS-2012*”, Ohrid, 2012
- Comparative study on the response of wheat varieties against gamma radiation grown in two different agricultural plots. “*Buletini i Shkencave Natyrore*,” special edition: 401-408, 2011
- Effects of gamma radiation and mutation induction on wheat varieties (2011; co-author). “*Bulletin of Natural Sciences*”. special edition: 488 – 496, 2011
- Cilësia e ujërave në lumenj shqiptarë mbështetur tek treguesi i ndjeshmërisë së ndotjes (IPS) “*Buletini i Shkencave Natyrore*,” 10: 63-76, 2010
- An evaluation of Chapter 14 of EU Acquis Communautaire, Energy acquis, Albanian Law approximation and challenges. In: *Proceedings of the 2nd International Conference on European Studies* : 167-183, Epoka University Publication, Tirana, 2009.
- Overview of water quality of Albanian rivers. In: *Proceedings Book of Conference on Water Observation and Information System for Decision Support*. 240-242, MagnaSken, Ohrid, 2008

Conferences

- State of Bio-energy in Albania. In: “*International cooperation in the field of Bioenergy*” Moscow, 22-23 October, 2013
- Albania-Tracing the paths of biomass energy. In “*Bioenergy from forest, 2012*” Jyväskylä, Finland, 27 August - 1 September, 2012
- Environmental impact of the biofuel utilization in the transport sector in the case of Albania, In: “*Towards future sustainable development*”, Scutary, November 2012
- Wheat: In search of diverse features to successfully cope with a changing world. In: “*AgriSciMont*”, Podgorica, 23 – 25 May 2012
- Droughts and their impact on the Albanian territory, In: “*47-th & 7-th International Symposium on Agriculture*”, Zagreb, February 2012
- Bulletin of Forest Fire Risk in Albania – The experience of the Albanian National Center for the Forecast and Monitoring of Natural Hazards” In: *EGU 2012*, Viene, April 2012

- Albania, general status of biomass and national initiatives. In: *International Symposium and Workshop on Biomass Assessment Methods*, Brussels, 15 Prill, 2010
- Overview of water quality of Albanian rivers. In; *“Conference on Water Observation and Information System for Decision Support*, Ohrid, FYROM, May, 2008
- Considerations on water quality of Albanian rivers based on benthic diatoms. In: *“III Congress of Ecologists of the Republic of Macedonia with International Participation”*, Strugë, FYROM, October, 2007

Projects

- StEMA (2005-2008)

Strengthening of the Environmental Monitoring System in Albania

Financed by European Union, through CARDS Programme

- ADRIARadNet (2012-2014)

ADRIAtic integrated RADar-based and web-oriented information processing system NETWORK to support hydro-meteorological monitoring and civil protection decision

Co-funded by the European Union, Instrument for Pre-Accession Assistance (IPA)