

## PERSONAL INFORMATION

**Entela VAKO**

Rr. Qemal Stafa, L. 10, P. 593, Tirana, Albania

Tel: 00355 42 371 506 Cel: 00355 67 46 92 865

e-mail: Albania, vakoentela@yahoo.com

Female | 18/12/1970 | Albanian

WORK EXPERIENCE

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from **2011 up to now**

Researcher at Water Economy and Renewable Energies Department,  
Institute of Geosciences, Energy, Water and Environment,  
Polytechnic University of Tirana, UPT

Responsible for:

- Hydrology of Ishmi River
- Operator at "National Centre for Forecast and Monitoring of Natural Risks"
- Teacher at Civil Engineering Faculty, UPT

from **2007 to 2011**

Researcher near Water Economy Department,  
Institute of Energy, Water and Environment,  
Polytechnic University of Tirana, UPT

Responsible for:

- Hydrology of Ishmi River
- Operator at "National Centre for Forecast and Monitoring of Natural Risks"
- Teacher at Civil Engineering Faculty, UPT

from **2003 to 2008**

Researcher near Hydrology Department / Groundwater Sector  
Hydrometeorological Institute,  
Academy of Science of Albania

Responsible for:

- Phreatic water Hydrology

from **2001 to 2003**

Specialist near Technical Conditions Department,  
Institute of Studies and Technology of Construction

from **2000 to 2001**

Specialist near Environment Department,  
Geological Survey of Albania,  
Ministry of Trade and Economy

EDUCATION AND TRAINING

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- from **3/13/2015** PHD with thesis: “Hydrochemical aspects of Tiranë - Ishëm waterbearing basin”
- from **2010 to 2014** PHD student, Working for Doctorate in “Groundwater hydrochemistry field”
- from **18 to 29 /06/2012** Training course financed by World Bank : near “Servizio Idro-Meteo Clima”, of “Agenzia Regionale delle Protezione di Ambiente”, (ARPA) Emilia-Romagna, Bologna, Italy
- from **10/10 to 12/9/2011** Fellowship in “Groundwater Hydrology” financed by IAEA near Università degli Studi di Pavia, Dipartimento di Scienze della Terra e dell’Ambiente, Pavia, Italy
- from **10 /16 to 11/7/ 2010** Training program near CIMA Foundation on Prediction, Prevention and Mitigation of Forest Fire and Flood Risk in Albania, Savona, Italy
- from **10/2004 to 10/ 2005** Qualification in University level in “Meteorology –Climatology” near Department of Climate, Hydrometeorological Institute, Tirana, Albania
- from **10/2003 to 10/2004** Qualification in University level in “General Hydrology” near Department of Hydraulic and Hydrotechnic, Polytechnic University of Tirana, Albania
- from **2000 to 2003** Postgraduate School, Msc. In Hydrogeology, Diploma obtained
- from **2001 to 2002** Postuniversity Specialization in Environment Geology, Diploma obtained, Faculty of Geology and Mining, Polytechnic University of Tirana, Albania
- from **1990 to 1995** Bachelor Degree Diploma, Geologist Engineer, Faculty of Geology and Mining, Polytechnic University of Tirana, Albania

PERSONAL SKILLS

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Mother tongue(s) Albanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Foreign language Certificate obtained from University of Tirana					
Italian	B1	B1	B1	B1	B1

Communication skills ▪ good communication skills gained through my experience as a teacher of student at the Civil Engineering Faculty, Polytechnic University of Tirana, Albania

- Computer skills
- good command of Microsoft Office™ tools,
  - good command of Adobe Photoshop tools,
  - good command of AquaChem tools,
  - good command of PhreeqC tools,
  - good command of AutoCad tools,

 ADDITIONAL INFORMATION
 

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## Publications

- “Groundwater Hydrochemistry of Alluvial Gravels of Tiranë-Ishëm Quaternary Basin” **Journal of International Environmental Application and Science “JIEAS”** Turkey, Volume 7 (2012), Issue 1, ISSN: 1307-0428, 19-26
- “Method of hydrochemical study of the groundwater from the alluvial waterbearing layers; Tirana basin case” **AJNTS Albania Journal of Natural And Technical Sciences**, Academy of Science of Albania, (Nr 1/2012), ISSN 2074-0867, 77-75
- “Analiza e parametrave fiziko-kimike të përbërjes së ujërave nëntokësore të pellgut ujëmbajtës Tiranë-Ishëm nën teorinë e statistikës” **Buletini i Shkencave Gjeologjike (Nr1&2/20012)**, SHGJSH, Tiranë, ISSN 0254-5276, 39-46
- “Map of some risk’s elements of Tiranë-Ishëm alluvial gravels groundwater pollution” **Proceedings of International Geoscience Conference “Geoalb 2011”** Mitrovicë, Kosovo 27-30 September 2011, ISBN 978- 9951-612-00-5, 178-183
- “Brackish karst springs simulation with “Modkarst” Model under not enough data conditions” **Proceedings of the 12<sup>th</sup> International Geology Congress**, Patras, Greece, 19-22 May 2010, 1777-1785, volume XLIII
- “Development of methodology for the exploitation and management of the brackish karst springs based on the simulation of their Hydrograms”, **AJNTS Albania Journal of Natural And Technical Sciences**, Academy of Science of Albania, (Nr1/2008), 162-172
- “Ndikimi i zhvillimit urban të zonës Tiranë-Ishëm në formimin e karakteristikave të ujërave nëntokësore”, **Buletini i Shkencave Gjeologjike**, SHGJSH, Tiranë, (Nr1/2008), 17-32, ISSN 0254-5276, 17-32

## Presentations

- “Hydrogeochemical development of Tiranë-Ishëm gravelly basin”, **Proceedings of the XX Congress of Carpathian Balkan Geological Association, (CBGA 2014)**, September 24-26, Tirana, Albania
- “Isotopic techniques used for underground waters characterization in Quaternary area of Myzeqeja”, **Proceedings of the XX Congress of Carpathian Balkan Geological Association, (CBGA 2014)**, Tirana, September 24-26, Tirana, Albania
- “Application of AquaChem and PhreeqC programs in groundwater chemical data elaboration of Tiranë-Ishëm basin”, **Proceedings of the International Conference on Research And Education, challenges towards the future**, (ICRAE 2013), May 25, 2013, Shkodër
- “Map of some risk’s elements of Tiranë-Ishëm alluvial gravels groundwater pollution” **International Geoscience Conference “Geoalb 2011”** Mitrovicë, Kosovo, September 27-30, 2011
- “Ishmi River catchment as a main source of groundwater feeding” International Conference: “**Hydroclimate resources – an important tool for a sustainable development of Albania**” IN E U M- Polytechnic University of Tirana, June 16, 2011, Albania
- “Brackish karst springs simulation with “Modkarst” Model under not enough data conditions” **Proceedings of the 12<sup>th</sup> International Congress**, Patras, Greqi, 19-22 May 2010

## Projects

- Member in transboundary IPA project, Albania-Montenegro: “**Development of Hydrological and Hydraulic study of regulation of Skadar Lake and Bojana river water regime**”, 2012-2014
- Member in IPA Adriatic project: “**ADRIARadNet - ADRIatic integrated RADar- based and web-oriented information processing system Network to support hydro-meteorological monitoring and civil protection decision**” (2012-2014).