

# Curriculum Vitae

## Personal information

Name & Surname **Flora Qarri**  
E-mail [flora.qarri@univlora.edu.al](mailto:flora.qarri@univlora.edu.al)  
Nationality Albanian  
Date of birth 08 July 1971



## Work experience

**2008 - continue** Lecturer of Chemistry  
University of Vlora, Faculty of Technical Science, Dep. of Chemistry.

**1998 - 2007** Lecturer of Chemistry ( part time)  
University of Vlora, Faculty of Technical Science, Dep. of Chemistry.

**2004 - 2012** Teacher of Chemistry ( part time )  
High School "Aulona"

**2000 - 2004** Regional Coordinator  
Institute for Democracy and Mediation

**Taught courses** **Undergraduate Courses:** General Chemistry, Analytical Chemistry, Introduction to Chemistry,  
**Graduate Courses:** Environmental Chemistry, Teaching Methods in Chemistry

## Education

**1985 - 1989** Chemical Technology  
High School "Shyqyri Alimerko" Vlore

**1989 - 1994** **Bachelor & Master of Science**  
Industrial Chemistry  
University of Tirana, Faculty of Natyral Science

**1995 - 1999** **Bachelor**  
Business Management  
University of Vlora, Faculty of Economy

**2001 - 2004** **Master of Science**  
Chemical analysis and instrumental methods of structure identification.  
University of Tirana, Faculty of Natyral Science, Dep.of Chemistry, Sec. of Analitical Chemistry, Graduate School.  
Master thesis:  
"Environmental situation of Vlora Bay & Some results on Hg content in hair in different populations in Vlora city"  
**Advisor: Prof. Alqi Cullaj**

2008 - 2012 **Doctor of Science**

Faculty of Natyral Science, Dep.of Chemistry, Sec. of Analitical Chemistry,  
Graduate School

Dissertation

“Assessment of atmospheric deposition of heavy metal in the south of Albania by using moss biomonitoring”

Advisor: Prof.Pranvera Lazo

**Personal Skills and Competences**

Mother tongue **Albanian**

Other language(s)

European level (\*)

**Italian**

**English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
C1	Independent user	C1	Independent user	C1	Independent user	C1	Independent user	C1	Independent user

(\*) [Common European Framework of Reference \(CEF\) level](#)

**Computer skills**

Microsoft office,Internet explorer, Stats, Minitab,

**Professional societies**

Member of “The Balkan Environmental Assocation” (B.EN.A);  
Member of “Albanian Chemists Society”;  
Member of “The Environmental Protection Society of Albania”

**Projects**

-“[Wireless water quality monitoring of ARACHTHOS and VJOSA rivers](#)” (WWQM\_AVR)-  
“GREECE-ALBANIA IPA CROSS BORDER PROGRAMME 2011-2014”, researcher

-“[Developing third mission activities in Albanian universities 2012-2014](#)”  
E3M-AL Project TEMPUS, researcher

- “[Green procurement and smart city support in the energy sector](#)”-  
Project GRASP MED programme from European Commission, researcher

- “[Environmental situation of Vlora Bay](#)”  
Project -The Excellence Fund, Ministry of Education, researcher

- [International Cooperative Programme on Effects of Air Pollution on Natural Vegetation and Crops \(Moss survey for HM elements\)](#) - Continued from 2010, researcher

- “[SIGMA Agile -Critical Skills Learning for Innovation, Sustainable Growth, Mobility and Employ Ability in the Multicultural Environment of the Western Balkans](#)”-  
Project ERASMUS Mundus from the European Commission, academic coordinator

**University Service**

2011-2015 - Member of Faculty Council

## Publications

### Work in progress

-The study of the synthesis and properties of the complex compounds of heavy metals with sodium diethyldithiocarbamate. Journal of Chemical Sciences, Springer

-Health risks of heavy metals from air pollution in Albania

### Selected Paper

- P.Lazo, L.Bekteshi, F. Qarri, T. Stafilov.  
**THE APPLICATION OF NORMALIZATION PROCESS IN THE SURVEY OF ATMOSPHERIC DEPOSITION OF HEAVY METALS IN ALBANIA BY USING MOSS BIOMONITORING.**  
Ecological Indicators, Elsevier 03/2015

- L. Bekteshi, P. Lazo, Flora Qarri, S. Kane, E. Marku  
**A STUDY ON ROAD TRAFFIC EMISSIONS OF HEAVY METALS IN A TUNNEL EXPERIMENT IN TIRANA, ALBANIA BY USING DUST SAMPLES**  
Fresenius Environmental Bulletin, Volume 24 - No 6. 2015

- F. Qarri, P.Lazo, L.Bekteshi, T. Stafilov, M. Frontasyera, H. Harmens.  
**THE EFFECT OF SAMPLING SCHEME IN THE SURVEY OF ATMOSPHERIC DEPOSITION OF HEAVY METALS IN ALBANIA BY USING MOSS BIOMONITORING**  
Environmental Science and Pollution Research, Springer 09/2014; DOI: 10.1007/s11356-014-3417-3

- F.Qarri, P.Lazo, T.Stafilov, L. Bekteshi, K. Baceva, J.Marka  
**THE SURVEY OF ATMOSPHERIC DEPOSITION OF Al, Cr, Fe, Ni, V AND Zn IN ALBANIA BY USING MOSS BIOMONITORING AND ICP-AES**  
Air Quality Atmosphere & Health . Springer 01/2014; DOI:10.1007/s11869-014-0237-z

- F.Qarri, P.Lazo, T.Stafilov, M. Frontasyera, H. Harmens, L. Bekteshi, K. Baceva, Z.Goryainova, **MULTI-ELEMENTS ATMOSPHERIC DEPOSITION STUDY IN ALBANIA**  
Environmental Science and Pollution Research. Springer 08/2013;  
DOI 10.1007/s11356-013-2091-1

- Mimoza Gjika, Niels-Patrick Pook, Flora Qarri  
**l-Hexathiometadiphosphato-bis[(1,4,7,-10,13,16-hexaoxacyclooctadecane-j60)-rubidium] acetonitrile disolvate**  
Acta Crystallographica Section E, Structure Reports, ISSN 1600-5368

-Flora Qarri, Sonila Kane, Pranvera Lazo  
**ENVIRONMENTAL ASSESSMENT OF DISSOLVED HEAVY METALS IN VLORA BAY, ALBANIA.**  
Fresenius Environmental Bulletin, Volume 23 - No 7. 2014, pages 1539 - 1546

- P. Lazo, M. Vasjari, M.V. Frontasyeva, T. Stafilov, F. Qarri, I. Gjika, Z. Goryainova, K. Baceva,  
**ACTIVE MOSS BIOMONITORING TECHNIQUE FOR ATMOSPHERIC DEPOSITION OF HEAVY METAL STUDY IN TIRANA AND VLORA CITIES, ALBANIA**  
Fresenius Environmental Bulletin, 21(8), 2012, page 2170-2177

- F. Qarri, P. Lazo, M. Vasjari, M. Terpo, I. Gjika  
**BIOMONITORING OF AIR IN VLORA CITY USING "THE MOSS BAG" AS ACTIVE SAMPLER,**  
page 198-206; University Research Journal "Mathematics and Natural Sciences" ISSN:2226-082X, Nr. 35, 2012

- F.Qarri, P.Lazo, M.Vasjari, M.Terpo, I.Gjika  
**ASSESSMENT OF ATMOSPHERIC DEPOSITION OF HEAVY METAL IN THE SOUTH OF ALBANIA BY USING MOSS BIOMONITORING,** page 257-266  
International Journal of Ecosystems and Ecology Sciences (IJEES), ISSN:2224-4980 Volume 2/3, 2012

## Conferences

- **F. Qarri, S.Kane, P.Lazo**  
ASSESSMENT OF TRACE ELEMENTS POLLUTION IN VLORA AREA  
Albanian Journal of Natural and Technical Sciences (AJNTS), ISSN: 2074-0867, 2012
- P.Lazo, S.Bushati, **F.Qarri**, P.Kotori  
ENVIRONMENTAL SITUATION OF VLORA BAY AFTER MERCURY POLLUTION, 2008
- **F.Qarri**, P. Lazo, L.Bekteshi, T. Stafilov, S.Kane,  
THE ENVIRONMENTAL SITUATION OF THE ALBANIAN COASTAL AREA AND THE INFLUENCE OF THE SEA, BASED ON THE ASSESSMENT OF TRACE ELEMENTS DEPOSITIONS BY USING MOSSES AS BIOINDICATORS  
[27th Task Force Meeting of the ICP Vegetation](#), January 2015, Rome
- S. Kane, **F. Qarri**, P. Lazo, L. Bekteshi  
THE EFFECT OF PHYSICO-CHEMICAL PARAMETERS AND NUTRIENTS ON FISH GROWTH IN NARTA LAGOON, ALBANIA. Food Quality & Safety, Health & Nutrition 2014, Scopie, Macedonia
- L. Bekteshi, P. Lazo, **F. Qarri**, S. Kane  
THE STUDY OF THE IMPACT OF EMISSIONS FROM ROAD TRAFFIC ON CONTAMINATION BY H.M IN THE KRRABA TUNNEL, IV International Conference "Ecology of urban areas", October 2014, Serbia
- **F.Qarri** , P.Lazo  
The effect of sampling scheme in the survey of atmospheric deposition of heavy metals in Albania, 5<sup>th</sup> EuCheMS, Chemistry Congress, September 2014, Istanbul
- **Qarri F**, Lazo P, Bekteshi L, Stafillov T, Frontesyeva M.V  
"The survey of atmospheric deposition of Cd, Cr, Cu, Fe, Ni, Pb, Zn and Al in Albania by using moss biomonitoring and NAA technique", 22-nd International Seminar on Interaction of Neutrons with Nuclei (ISINN-22), May 2014, Dubna, Russia
- L. Bekteshi, **F. Qarri**, P. Lazo, T. Stafilov  
ATMOSPHERIC DEPOSITION OF HEAVY METAL IN EASTERN ALBANIA BY MOSS BIOMONITORING TECHNIQUE  
[27th Task Force Meeting of the ICP Vegetation](#), January 2014, Paris
- **F. Qarri**, S. Kane, P. Lazo  
ASSESSMENT OF TRACE ELEMENT POLLUTION AROUND VLORA AREA  
[27th Task Force Meeting of the ICP Vegetation](#), January 2014, Paris
- **Qarri F.**, Lazo P.  
MIDDLE-TERM BIOMONITORING OF VLORA-FIER AREA, ALBANIA  
[26th Task Force Meeting of the ICP Vegetation](#), January 2013, Halmstad, Sweden
- **F.Qarri**, P. Lazo, D. Kasemi  
AIR SURVEY BY USING HONEY AS BIO-INDICATOR.  
[26th Task Force Meeting of the ICP Vegetation](#), January, 2013, Halmstad, Sweden
- **F.Qarri**, P.Lazo, M.Vasjari, M.Terpo, I.Gjika  
AIR POLLUTION SURVEY USING THE MOSS BIOMONITORING TECHNIQUE AND HONEY  
International Environmental Conference "Sustainable Development In Coastal Areas", Janine, Greece
- P. Lazo, M. Vasjari, M.V. Frontesyeva, T. Stafillov, **F. Qarri**, I. Gjika  
MOSS BAG BIOMONITORING IN ALBANIA  
[25th Task Force Meeting & one-day ozone workshop](#), January 2012, Brescia, Italy
- **F.Qarri**, P.Lazo, M.Vasjari, M.Terpo  
TRACE HEAVY METAL LEVELS IN HONEY SAMPLES AND MOSSES FROM RURAL AREA,

ALBANIA, Multidisciplinary Conference, Praga

- **F.Qarri**, P.Lazo, M.Vasjari, M.Terpo, I.Gjika  
MOSS BIOMONITORING TECHNIQUE OF AIR IN URBAN AND RURAL SITE OF VLORA REGION,  
International Conference on Biotechnological Developments, Tirane

- **F.Qarri**, P.Lazo, M.Vasjari, M.Terpo, I.Gjika  
ASSESSMENT OF ATMOSPHERIC DEPOSITION OF HEAVY METAL IN THE SOUTH OF ALBANIA  
BY USING MOSS MONITORING , II International Conference of Ecosystems (ICE), Tirane

- **F.Qarri**, P.Lazo, S.Kane, D.Kasemi  
IMPACT OF POLLUTION ON THE PHYSICO-CHEMICAL CHARACTERISTICS OF SEA WATER IN  
VLORA BAY (Albania), International Conference on Marine and Coastal Ecosystems  
([MarCoastEcos2012](#)), Tirane

-BENA International Conference, Pollution Management and Environmental Protection,  
Greece, Sept. 2009.

### Visits

- Joint Institute for Nuclear Research · Division of Nuclear Physics, Frank Laboratory of Neutron Physics, **Dubna- Russia**
- Technische Universitat Clausthal, Department of Inorganic and Analytical Chemistry **Germany**
- Ss. Cyril and Methodius University · Faculty of Natural Sciences and Mathematics· Institute of Chemistry, **Macedonia · Skopje**
- Polytechnic University of Turin, **Italy**
- University of Janina, Greece
- University of Valencia, **Spain**

### Award

Winner ( Second Price ) at National Chemistry Olympiad 1988, 1989  
Winner ( Second Price ) at Regional Chemistry Olympiad 1988

### References

Professor **Pranvera Lazo**,  
University of Tirana, Faculty of Natyral Science, Dep.of Chemistry  
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Professor **Mimoza Gjika**  
University of Technology Clausthal, Dep. of Inorganic & Analytical Chemistry, **Germany**  
email: [mimoza.gjikaj@tu-clausthal.de](mailto:mimoza.gjikaj@tu-clausthal.de)

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