

PERSONAL INFORMATION

Alban KURIQI



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Sex Male | Date of birth 27/05/1984 | Nationality Albanian

STUDIES APPLIED FOR

WORK EXPERIENCE

01/03/2016–Present

PhD Candidate/Researcher,

Instituto Superior Técnico (IST)

Av. Rovisco Pais 1, 1049-001 Lisboa

<https://fenix.tecnico.ulisboa.pt/homepage/ist427002>

River Restoration and Management, Integrated Water Management, Hydrological Modelling; River Morphodynamic; Flood Resilience; Small Hydropower Plant Development

Business or sector Education, R&D

01/08/2013–28/02/2016

Researcher, Project Coordinator

Illyrian Consulting Engineering (ICE)

Illyrian Consulting Engineers sh.p.k, Rr. Andon Zako Cajupi, Nd. 14, H. 14, Ap. 2, 1019 Tirana ,Albania

<http://ice.al/>

Hydrological Modelling; River Morphodynamic; Flood Resilience; Small Hydropower Plant Development

Business or sector Consulting, R&D

01/08/2013–30/06/2013

Research Intern

Laboratoire d'étude des Transferts en Hydrologie et Environnement (LTHE)

Avenue Centrale – Domaine Universitaire – Saint Martin D'heres – Gieres. Adresse Postale : B.P.53 – 38041 Grenoble Cedex 9 – France

<http://www.lthe.fr>

Priority Assessment of the Hydrological Measurement Quality for Implementation of the Future Weather Radar in Grenoble.

Business or sector Consulting, R&D

01/10/2010–30/06/2013

Teaching Assistant

Epoka University

Rr. Tiranë-Rinas, Km. 12, 1039 Tirana (Albania)

<http://www.epoka.edu.al/>

Helping on teaching process related to following courses: Engineering Hydrology, Computing Methods in Civil Engineering, Groundwater Engineering, Fluid Mechanics, Hydromechanics and Supervised Independent Study and Research.

Business or sector Education, R&D

- 01/10/2009–29/06/2010 **Research Assistant**
 Epoka University
 Rr. Tiranë-Rinas, Km. 12, 1039 Tirana (Albania)
<http://www.epoka.edu.al/>
 Research concerning mostly with: Hydrological Modelling and River Hydraulics.
Business or sector Education, R&D
- 01/01/2008–28/09/2009 **Assistant Engineer (Internship)**
 Illyrian Consulting Engineering (ICE)
 Illyrian Consulting Engineers sh.p.k, Rr. Andon Zako Cajupi, Nd. 14, H. 14, Ap. 2, 1019 Tirana (Albania)
<http://ice.al/>
 Hydrological & Hydraulics computation and design related to different component of hydropower plant (Tervoli Hydropower).
Business or sector Consulting, R&D

EDUCATION AND TRAINING

- 01/10/2010–08/07/2013 **Master of Second Level** EQF level 7
 Epoka University
 Rr. Tiranë-Rinas, Km. 12, 1019 Tirana (Albania)
<http://www.epoka.edu.al/>
 Water Resources Engineering
- 15/09/2012–30/01/2013 **Master of Second Level (Exchange)** EQF level 7
 Grenoble Institute of Technology
 Ecole Nationale Supérieure de l'Energie, l'Eau et l'Environnement Domaine Universitaire 11 rue des Mathématiques BP 46, 38402 Saint Martin d'Hères cedex Grenoble (France)
<http://ense3.grenoble-inp.fr/welcome-at-ense3/>
 Water Resources Engineering
- 01/10/2003–10/07/2008 **Integrated Diploma (BSc +MSc)** EQF level 7
 Polytechnic University of Tirana
 Boulevard "Dëshmorët e Kombit", Square "Mother Teresa", 4., 1000 Tirana (Albania)
<http://www.upt.al/index.php/en/>
 Hydraulic Engineering
- 17/03/2014–21/03/2014 **Certificate of Participation** EQF level 3
 Stockholm Environment Institute (SEI)
 SEI Stockholm Kräftriket 2B, SE-106 91 Stockholm (Sweden)
<http://www.sei-international.org/about-sei>
 Climate Change Adaptation Assessment Policies Using WEAP
- 04/10/2013–05/10/2013 **Certificate of Participation** EQF level 3
 Metropolitan University Tirana and T.T.-Soil & Earthquake Consulting
 Penetration House, Vale Road, Battle, E Sussex, Sussex, TN33 0HE, UK (United Kingdom)
<http://insitusi.com/blog/cpt-training-course-in-albania/>
 Theoretical and Practical Knowledge Concerning the Wide Use of Cone Penetration Testing in

Geotechnical Practice

05/11/2012–05/11/2012 **Participation** EQF level 3

Comité Français des Barrages et Réservoirs
 Comité Français des Barrages et Réservoirs – Savoie Technolac, 73373 Le Bourget du Lac Cedex
 Savoie Technolac (France)
<http://www.barrages-cfbr.eu/>
 Dam Safety; Flood Resilience

15/09/1999–27/06/2003 **High school** EQF level 5

Arif Kuka, Librazhd (Albania)
 Natural Science

PERSONAL SKILLS

Mother tongue(s) Albanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1
French	A2	A2	A1	A2	A1
Italian	A2	A2	A1	A1	A1
Turkish	A2	A2	A2	A2	A1
Portuguese	A2	A2	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Associated with Peoples and Friendly Relations
- Verbal Communication, Effective Speaking, Active Listening, Writing Skills, Crucial Conversations

Organisational / managerial skills

- Strong Team Working and Leadership
- Effective at Time Management and Prioritizing Tasks to Achieve Deadlines

Job-related skills

- Analysing Data; Analytical Skills; Accuracy; Competent, Capable, Able to Get Results

Computer skills

Competent with: R Studio, Math Works - Matlab and Simulink for Scientific Computing , Pascal Programming, Minitab, Easyfit, SYSTAT, HYFRAN+, HEC-RAS, HEC-HMS, HY-8, ArcGIS, Microsoft Office package, AutoCAD (2D, 3D), Hydraulic Toolbox, Groundwater Vista, GeoStudio, Rocscience (Slide and Phase 2), Photoshop.

Other skills

Professional licence / K. 1509 (Designing Engineer)

Driving licence B

ADDITIONAL INFORMATION

Honours and Awards

- Grant from French Embassy / Master of Second Level at Grenoble Institute of Technology (Exchange Program, 2012-2013)

Research Fields Hydrological Modelling, Climate Change, River Basin Modelling, River Morphodynamic, Sediment Transport, Groundwater Hydrology, Flood Risk Management, Sustainable Water Resources Management, Hydraulic Systems and Structures.

Member of the Professional Organizations

- European Water Resources Association (EWRA)
- International Association of Hydrological Sciences (IAHS)
- American Society of Civil Engineers (ASCE)

Reviewer

- Journal of Engineering and Technology

Organizing Scientific Meetings

- Organizing Committee Member at "International Students Conference of Civil Engineering" (ISCCE 2012)
- Organizing Committee Member at "International Balkans Conference on Challenges of Civil Engineering" (BCCCE 2011)
- Organizing Committee Member at "The Effect of Water Resources Management on the Improvement of Flood Control"(2010)

Research Projects

- DRINK ADRIA - Networking for Drinking Water Supply in Adriatic Region / (Ongoing Project). Responsible for climate change and water quality.
- Climate Change Adaptation Assessment Policies in Albania. Responsible for climate change.
- Computation of Evapotranspiration in Albania (National Project, Proposal)
- Food Risk Assessment of Major Basin in Albania (National Project, Proposal)

Journal Publications

- Kuriqi, A. (2016). Assessment and Quantification of Meteorological Data for Implementation of Weather Radar in Mountainous Regions. *Mausam*, 67(4), 789-802. Available from
- Kuriqi, A., Kuriqi, I., Poci, E. (2016). Simulink Programing for Dynamic Modelling of Activated Sludge Process: Aerator and Settler Tank Case. *Fresenius Environmental Bulletin*, 25(8), 2891-2899. Available from
- Kuriqi, A. Ardiçlioglu, M. & Muceku, Y (2016). Investigation of seepage effect on river dike's stability under steady state and transient conditions. *Pollack Periodica*, 11 (2), 87-104. Available from DOI: <http://dx.doi.org/10.1556/606.2016.11.2.8>
- Muceku, Y., Korini, O., & Kuriqi, A. (2015). Geotechnical Analysis of Hill's Slopes Areas in Heritage Town of Berati, Albania. *Periodica Polytechnica Civil Engineering*, 60(1), 61-73. Available from <http://pp.bme.hu/ci/article/view/7752>
- Kuriqi, A., 2014. Simulink application on dynamic modelling of biological waste water treatment for aerator tank case. *Int. J. Sci. Technol. Res.*, 3(11), 69-72. Available from <http://www.ijstr.org/final-print/nov2014/Simulink-Application-On-Dynamic-Modeling-Of-Biological-Waste-Water-Treatment-For-Aerator-Tank-Case.pdf>

Poster/Oral Presentations

- Santos, A., Fernandes, R., Kuriqi, A., Ferreira, M.T. (2016, October). Evolução histórica dos serviços de ecossistema no Rio Minho: o exemplo da polinização e do valor cénico das zonas ripárias. VIII Simpósio Ibérico Sobre a Bacia Hidrográfica do Rio Minho, At Vila Nova de Cerveira. Available from https://www.researchgate.net/publication/309812866_Evolucao_historica_dos_servicos_de_ecossistema_no_Rio_Minho_o_exemplo_da_polinizacao_e_do_valor_cenico_das_zonas_riparias

Conference Proceedings

- Ardicioglu, M., Selenica, A., Ozdin, S., Kuriqi, A., & Genc, O. (2013, July). Investigation of Average Shear Stress in Natural Stream. International Balkans Conference on Challenges of Civil Engineering. Available from <http://ecs.epoka.edu.al/index.php/bccce/bccce2011/paper/view/271>
- Selenica, A., Kuriqi, A., & Ardicioglu, M. (2013, July). Risk assessment from floodings in the rivers of Albania. International Balkans Conference on Challenges of Civil Engineering. Available from <http://ecs.epoka.edu.al/index.php/bccce/bccce2011/paper/view/257>
- Ardicioglu, M., Kocileri, G., & Kuriqi, A. (2013, July). Assessment of Sediment Transport in the Devolli River. International Balkans Conference on Challenges of Civil Engineering. Available from <http://ecs.epoka.edu.al/index.php/bccce/bccce2011/paper/view/284>
- Kocileri, G., & Kuriqi, A. (2013, July). Placement of Concrete in Hydropower Structures According To Climatic Conditions in Albania. International Student Conference of Civil Engineering. Available from <http://ecs.epoka.edu.al/index.php/iscce/iscce2012/paper/view/541>

References Upon to Request

- Prof. Dr. Agim SELENICA, Polytechnic University of Tirana / aselenica@hotmail.com
- Assoc. Prof. Dr. Ylber MUCEKU, Epoka University / ymuceku@epoka.edu.al
- Prof. Dr. Mehmet ARDIÇLIOĞLU, Erciyes University / mardic@erciyes.edu.tr