

# Niki – Liana Poulimenou

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Date of birth: 27 September 1989 | Nationality: Greek



## Education

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- 10/2015-9/2018      **MSc in Environmental Design of Infrastructure Works**  
Hellenic Open University  
Degree: 7,10/10,00  
Thesis: "Management of extractive waste in accordance with the national and European legislation framework"
- 03/2013-07/2015      **MSc in Techno-Economic Systems**  
National Technical University of Athens  
Degree: 8.14/10.0  
Thesis: "Estimation the cost of capital using a capital asset pricing model - Case of the mining sector in Greece"
- 10/ 2007 – 10/ 2012      **Mining and Metallurgical Engineering**  
National Technical University of Athens  
Degree: 8.74 / 10.00 [First among the Graduates of the school in 2012]  
Thesis: "Preliminary Investigation of Ionic Liquids Utilization in Primary Aluminum Production"

## Professional Experience (Member of TEE-TCG 03/2013)

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- 02/2014 – present      **Eco-efficiency Consulting & Engineering. Ltd**, G.Papandreou 60A Athens, Dasos Haidariou Greece <http://www.ecoefficiency.gr/en/>

Participation on the development and writing on three DG Environment projects for the management of Waste from extractive industries (Circular Economy Action Plan, Implementation of the Extractive Waste Directive, Risk management approaches)

Risk assessment for waste management resulting from the largest Greek industries operating in the sector, according to Regulation (EU) 1357/2014 (hazard assessment of a waste is based on 15 (HP1 to HP15)) and EU Decision (EU) 2014/955 (European List of Waste). The assessments also include evaluation of the physicochemical, toxicological and eco-toxicological properties of the wastes according to their mineralogy and chemical content.

Soil and groundwater baseline study, for waste facility, according to the Article 22(2) of Directive 2010/75/EU on industrial emissions

Techno-economic studies on alternative waste management methods.

Scientific and technical support of the review for the compilation of the BREF reference documents

(i) for the management of waste from extractive industries and

(ii) Waste Treatment – Mechanical treatment of waste.

Life cycle management and Raw Material System Analysis for Critical Raw Materials Magnesite and Tungsten

Chemical product classification according to CLP regulation. Risk assessment based on physicochemical, toxicological and ecotoxicological characteristics of the product.

Business or sector Scientific support in Mining and Metallurgical Companies

## Skills

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**Languages:** Greek (Native), English (London tests of English level 5 -Proficient Communication), French (Diplome d' etudes en langue Francaise (DELF)).

**Computer knowledge and programming:** Microsoft Office (ECDL Certificate), AutoCAD 2D Basic and 3D Modeling & Rendering (AutoDesk -Certificate of Completion -Infostudio Training Center)

## Conferences & Publications

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N. Poulimenou, G. Giannopoulou, D. Panias “Use of Ionic Liquids as Innovative Solvents in Primary Aluminum Production” *Materials and Manufacturing Processes*, 30:1403–1407,2015, Taylor & Francis Group. Available [here](#)

P. Maraboutis, E. Nikolaou, N. Poulimenou, Impact of the new approach of hazard assessment to an effective waste management. 5th International Conference on Industrial & Hazardous Waste Management, September 2017

P. Maraboutis, E. Nikolaou, N. Poulimenou: “Approaches to determine hazard properties for EU waste classification” Proceeding on the 13th International Conference on Protection and Restoration of the Environment, Mykonos July 2016

P. I. Maraboutis, E.E. Nikolaou, N. I. Poulimenou: “ Key tasks for EU waste classification according to the new legislative framework” Proceeding on the 4th International Conference on Sustainable Solid Waste Management, 23-25 June 2016 Limassol, Cyprus

N. Poulimenou and D. Damigos, “Corporate Environmental Performance and Economic Crisis”. Proceeding on the Fifth International Conference on Environmental Management, Engineering, Planning & Economics, At Mykonos Island, Greece, June 2015

N. Poulimenou, G. Giannopoulou, D. Panias: “Preliminary Investigation of Ionic Liquids Utilization in Primary Aluminum Production” Proceeding on the International Conference on Mining, Material and Metallurgical Engineering Prague, Czech Republic, August 11-12, 2014. Available [here](#)

## Awards

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IKY Fellowships of Excellence for Postgraduate Studies in Greece – Siemens Programme (2013)

Award from the Greek Mining Enterprises Association as the first graduate among the Greek Mining Schools

«Chrysovergio Award » for the best academic performance in a school from NTUA in 2012

«Kondouleio Award» for the best academic performance in a school from NTUA in 2012

Honorary Medal as the first graduate among the graduate of the Mining & Metallurgy Engineering School NTUA

Scholarship and award by the Greek State Scholarships Foundation every year from 2007 until 2012 for ranking 1st among the students of the Mining & Metallurgy Engineering School NTUA

Papakyriakopoulos award — for excellence in Mathematics in the first and the second year in Mining & Metallurgy Engineering School NTUA

Kritikos award — for excellence in Mathematics in the first and the second year in Mining & Metallurgy Engineering School NTUA