

## PERSONAL INFORMATION

## ALEXANDRA IOANNOU



 Ipirou 3 Anakasia, 38500 VOLOS (Greece)

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## WORK EXPERIENCE

- 01/2019–Present **European Union's Horizon 2020 Research and Innovation Staff Exchange (Water4Cities)**  
University of Thessaly, Department of Civil Engineering, VOLOS (Greece)
- 01/10/2016–31/12/2018 **European Union's Horizon 2020 Research and Innovation Staff Exchange (sim4nexus)**  
University of Thessaly, Department of Civil Engineering, VOLOS (Greece)
- 22/06/2016–28/06/2016 **Voluntary teaching at "summer math school"**  
Greek Mathematical Society, VOLOS (Greece)
- 01/09/2008–12/06/2016 **Mathematician**  
Private School " KOMNOS & SYNEPΓATEΣ", VOLOS (Greece)
- 17/06/2013–21/06/2013 **Voluntary teaching at "summer math school"**  
Greek Mathematical Society, Βόλος (Greece)
- 23/06/2012–27/06/2012 **Voluntary teaching at "summer math school"**  
Greek Mathematical Society, Βόλος (Greece)
- 01/09/2008–01/06/2010 **Mathematician**  
Private School "ΕΠΙΤΥΧΙΑ", Βόλος (Greece)
- 09/2007–06/2008 **Mathematician**  
Private School"ΔΙΑΣΤΑΣΗ", VOLOS (Greece)

## EDUCATION AND TRAINING

- 30/06/2016–Present **Phd Candidate**  
University of Thessaly, Department of Civil Engineering, VOLOS (Greece)  
Phd Thesis:  
**"Time series analysis and investigation of consumption patterns to save water and energy at home".**  
  
***Supervising Professor : Chryssi Laspidou***

09/2012–06/10/2015 **Postgraduate Studies in Mathematics**  
 Greek Open University  
**Postgraduate Thesis Title:**  
**"Fourier Series and Applications: Isoparametric Inequality, Complex Analysis and Operator Theory."**  
**Supervising Professor: Nikolaos Karachalios**

09/2001–28/11/2008 **Bachelor of Mathematics**  
 University of Ioannina, IOANNINA (Greece)

**PERSONAL SKILLS**

Mother tongue(s) Greek

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Αγγλικά	C2	C2	C2	C2	C2

Certificate of Proficiency in English, University of Cambridge

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
 Common European Framework of Reference for Languages

Communication skills ■ Excellent teaching and communication skills.

Organisational / managerial skills ■ excellent organizational skills

Job-related skills ΓΛΩΣΣΕΣ ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΥ:

- HTML
- JAVA
- MATHEMATICA
- MATLAB
- R

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

ECDL Progress Certificate

**ADDITIONAL INFORMATION**

Δημοσιεύσεις σε επιστημονικά περιοδικά

- Ioannou A., Kofinas D., Spyropoulou A., Laspidou C. (2017). "Data Mining for Household Water Consumption Analysis using Self-Organizing Maps", *European Water* 58: 443-448, 2017.
- Ioannou, A. E., & Laspidou, C. S. (2018). The Water-Energy Nexus at City Level: The Case Study of Skiathos. In *Multidisciplinary Digital Publishing Institute Proceedings* (Vol. 2, No. 11, p. 694).

Συμμετοχή σε Συνέδρια ■ Ioannou A., Kofinas D., Spyropoulou A., Laspidou C. (2017). "Data Mining for Household Analysis

using Self-Organizing Maps", 10th World Congress on water resources and environment "PANTA RHEI", Athens, Greece, 5-9 July 2017.

- Ioannou A., Laspidou C. (2018). " The Water-Energy Nexus at city level: the case study of Skiathos ", 3rd EWaS International Conference on "Insights on the Water-Energy-Food Nexus", Lefkada Island, Greece, 27-30 June 2018.