

PERSONAL INFORMATION

Anastasia Kakouri

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Sex Female | Date of birth 15/04/1995 | Nationality Greek

EDUCATION AND TRAINING

1 Oct 2013–6 Oct 2017

Bachelor' s Degree in Environmental Science

University of the Aegean, Department of the Environment, Mytilene (Greece)

General:

- Environmental Science,
- Geographical Information Systems,
- Applied Environmental Sciences and Environmental Technology,
- Spatial Statistics and Statistical Analysis.

Occupational:

- Geoinformatics,
- Environmental Modeling,
- Geographic Information Systems in Environmental Applications,
- Timeseries Analysis and Trends,
- Programming with Geographic Information Systems,
- Environmental Impact & Risk Assessment,-Climatology,
- Atmospheric Physics,
- Aerosol Science,
- Spatial Decision Support Systems,
- Multiple Criteria Analysis,
- Analytic Hierarchy Process,
- Water Resources Management,
- Sustainable Development,
- ArcGIS (ArcMap, ArcScene, ArcGlobe and ArcGIS ModelBuilder)
- SPSS,
- Programming with python and R
- Microsoft Office,
- Vortex,
- RETSscreen.

1 Oct 2017–1 Mar 2019

Master of Science in Geography and Applied Geoinformatics

University of the Aegean, Department of Geography, Mytilene (Greece)

General:

- Geoinformatics,
- Applied Geoinformatics in Natural Environment and Hazard Management,

- Spatial Analysis,
- Aerosol Science
- Occupational:
- ArcGIS,
- Geographical Information Systems,
- Programming with Python and R
- Remote Sensing,
- Timeseries Analysis and Trends,
- Aerosol Science,
- Creation and Organization of Databases and Geodatabases
- Thematic Cartography,
- GrassGIS,
- ERDAS IMAGINE,
- Adobe Premiere Pro CC 2015 (3D map optimization and video),
- Diagrammer(ArcGIS Geodatabases),
- pgAdmin (Databases).

WORK EXPERIENCE

1 Sep 2019–Present

Researcher - GIS Analyst

National Observatory of Athens, Athens (Greece)

"Upgrading of spatial analysis in air pollution parameters for cities" under the project "SMURBS / ERA-PLANET- SMart URBan Solutions for Air Quality, Disaster and City Growth"

Mar 2019–Present

Researcher

Dr. Themistoklis Kontos, Mytilene (Greece)

Researcher in Spatial and Timeseries Analysis and Trends, in the fields of Climatology and Climate Change, in collaboration with the Department of Environment, University of the Aegean.

Feb 2019

Invited Speaker in the course of Environmental Applications with GIS

Dr. Themistoklis Kontos, Mytilene (Greece)

-Presenting:

- the capabilities of the use of ArcGIS and Python programming in Aerosol Science, with title: "Investigation of the Aerosol Optical Depth with the use of Geoinformatics, with data from CALIOP",

- the capabilities of 3D Layer Analysis, 3D Visualization and Trends of Aerosol Optical Depth.

Mar 2018

Invited Speaker in the course of Environmental Applications with GIS

Dr. Themistoklis Kontos, Mytilene (Greece)

-Presenting the capabilities of the use of ArcGIS in Water Resources Management, with title: "Investigation of the Surface Runoff Index, with the use of GIS: Case Study of Lesbos Island".

Nov 2017

Invited Speaker in the course of "Introduction to Applied Geoinformatics"

Nikolaos Soulakellis, Mytilene (Greece)

-Presenting the capabilities of ArcGIS and Spatial Modelling, with title: "Application of methods in Geoinformatics, to the Detection of Climate Change and Trends: Case Study of Africa".

Jul 2016 **Cartographer**
 Region of the islands of the northern Aegean, Mytilene (Greece)

-Visualization of the Environmental Water Resources data and services with ArcGIS, for the island of Lesvos.

PERSONAL SKILLS

Mother tongue(s) Greek

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
ECPE					
German	B1	B1	B1	B1	B1
Goethe - Zertifikat B1					

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 -Team work: I have worked in various types of teams from research teams to basketball teams.
 -Good communication skills.
 -Public Speaking Capability.

Organisational / managerial skills -Responsibility.
 -Ability to Fulfill Jobs within a Specific Temporal Framework.
 -Ability to Cope with Difficult Projects Under Pressure.
 -Leadership.

Job-related skills **Operational Systems (PC):** Windows 2000 / XP / 2007 / 2008 / 2010

Programming Languages: Python, ArcObjects (ArcGIS 10x), ArcGIS ModelBuilder, R – Studio, Visual Basic.

Other skills **Ballet Teacher:**

-From 2013 to 2018, i was Ballet and Aerobic Gymnastics teacher at the Classical Dance Students' Group of University of the Aegean, which i founded.

-Classical Dance Teacher for Ballet Classes (for children aged 2.5 to 6) and Classical Education (for adolescents from 10 years old and adults) in Danza Passion Dance Group. (Volunteering)

Volunteering:

Classical Dance Lessons at Classical Dance Students' Group of University of the Aegean, 2013 – 2018. (2013 – 2018), Tree Planting of Hymettus Mountain, (2013), Cleaning of beaches, Lesvos, (2014 – 2018), Participation in the Photographic Students' Group of the University of the Aegean, (2016), Participation in Modern Dance Students' Group of the University of the Aegean (2013 – 2015), Participation in Zumba Dance Students' Group of the University of the Aegean (2016).

ADDITIONAL INFORMATION

Conferences

Publications:

-Kakouri, A., Korras Carraca, M. B., Kontos, T., Matsoukas, C., Hatzianastassiou, N., Floutsi, A. A.

and Kostopoulou, E., 2019. An 11 - year global 3D climatology and trends of aerosol optical depth using satellite data from CALIOP. 2nd International Conference ADAPTtoCLIMATE 2019, Heraklion, Crete Island, Greece, 24 - 25 June.

-Kakouri, A. and Kontos, T., 2019. Development of Spatial Models for the Automation of Climatic Zones with the use of ArcGIS. 27th Meeting of ArcGIS Users 2019, Athens, Greece, 30 - 31 May.

-Kakouri, A., Korras Carraca, M. B., Kontos, T., Matsoukas, C., Hatzianastassiou, N., Floutsi, A. A. and Kostopoulou, E., 2019. Climatology and trends of aerosol optical depth on global scale using CALIOP vertically resolved data during 2007-2017. EGU General Assembly 2019, Vienna, Austria, 7 - 12 April.

-Kakouri, A., Mokalis, S., Kontos, T., Soulakellis, N., 2018. Implementation of Geoinformatic Methods in Climate Change Trends Detection: The Case of Africa. 11th International Conference of the Hellenic Geographical Society 2018, Lavrion, Greece, 12 – 15 April.