

# PELAGIA KOUTSANTONI

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[LinkedIn Profile](#) ·

## EXPERIENCE

**06/2022 – TODAY**

### **RESEARCHER - GIS EXPERT, NATIONAL OBSERVATORY OF ATHENS**

EIFFEL (H2020): Revealing the Role of GEOSS as the Default Digital Portal for Building Climate Change Adaptation & Mitigation Applications

- Processing, mapping, and harmonization of multidisciplinary data from various sources in GIS environment

**01/2019 – 07/2021**

### **REMOTE SENSING & GIS EXPERT, EPSILON MALTA LTD HELLENIC BRANCH**

Management and technical implementation of Commercial and EU-Funded projects:

- **Zeroparasitic** (PRIMA). Innovative sustainable solutions to overcome broomrape plant parasitism in key Mediterranean cropping systems.
- **SIM4NEXUS** (H2020). Sustainable and integrated management of resources (water, land, energy and food) in Europe and Azerbaijan, and adopting the Nexus concept in testing pathways for a resource-efficient and low-carbon Europe.
- **SpatialTRAIN** (Planning Authority of Malta). Training programme at MQF level 4 (certificate), level 5 (diploma) in the field of geospatial technology (Geomatics) for persons employed within the public sector and public service of Malta.

Responsibilities included:

- Reporting, Deliverables, Communication with partners and/or contractors, Meeting participation
- GIS & Remote Sensing analysis (vector analysis, band indices, classifications, etc), Map production, Data Management.
- Contribution to Proposal Writing for EU Funding Programmes (H2020, PRIMA, PEP Attica)
- Leading Tender Preparation with various national and international partners

## EDUCATION

**MARCH 2022**

### **DIPL-ING IN RURAL, SURVEYING, AND GEOINFORMATICS ENGINEERING, NATIONAL TECHNICAL UNIVERSITY OF ATHENS (NTUA)**

Thesis title: "Evaluation of methods to reduce the atmospheric effects on phase unwrapping of synthetic radar images".

**06/2022 - TODAY**

### **PHD CANDIDATE, NATIONAL TECHNICAL UNIVERSITY OF ATHENS (NTUA)**

"Development of methods to reduce the atmospheric effects in Interferometric SAR."

## PRACTICAL TRAINING

**07/2015 – 02/2016**

### **LAND SURVEYOR, NATIONAL TECHNICAL UNIVERSITY OF ATHENS (NTUA)**

Topographic mapping of urban and agricultural areas of Sikinos, Greece, utilizing terrestrial geodetic methods.

**08/2014 – 08/2014**

### **LAND SURVEYOR, NATIONAL TECHNICAL UNIVERSITY OF ATHENS (NTUA)**

Topographic mapping and terrain modeling utilizing aerial photogrammetry techniques at the archaeological site of Vasilika in Rhodes, Greece.

## LANGUAGES

- Greek (native)
- English (C1 Level)

## DIGITAL SKILLS

### **SOFTWARE**

- QGIS, ArcGIS
- SNAP, eCognition, SAGA GIS
- AutoCAD
- MS Office Suite

### **PROGRAMMING**

- Python
- MATLAB
- SQL, PostgreSQL

## LICENSES

- Driving License B
- PRAS Pilot (Category A, B, C)

## HOBBIES

Volleyball, Crafts, Sudoku