

Dimitra Tzelidi

🏠 Sina 3, 71307, Heraklion, Crete, Greece

☎ +(30)6907084292

✉ dimitra.tzelidi@gmail.com

EDUCATION

University of Athens

Feb 2014 - Nov 2015

MSc in Environmental Physics-Meteorology

Master's thesis: Study of Land Surface Temperature using time-series of MODIS TERRA/AQUA satellite data in selected Mediterranean land areas. Grade: 10.0

Relevant Modules: Atmospheric Circulation Models, Middle Scale's Phenomena, Principles and Applications of Remote Sensing, Dynamic Meteorology, Synoptic Meteorology, Physics of Built Environment.

University of Crete

Sep 2007 - Nov 2013

BSc in Applied Mathematics

Bachelor's thesis: Analysis of the Land Surface Temperature changes around the Mediterranean during the period 2000-2012. Grade: 10.0

Relevant Modules: Remote Sensing, Numerical Solution of Ordinary Differential Equations, Mathematical Modeling, Probability, Stochastic Processes.

Seminars

2 - 4 Jul 2014

14 Mar 2014

27 Mar 2014

4 Feb 2015

- ENVI, basic training (Inforest Research C.O.).
- 'Performance Analysis of an Earth Science Application'.
- Workshop: 'Small scale thermal solar district units for Mediterranean communities-STS MED Mediterranean European Support Program for Technologies of Concentrated Solar Energy '.
- Workshop: 'Innovative Structural Materials with High Energy Efficiency'.

EXPERIENCE

**Foundation for
Research and
Technology-Hellas
(FO.R.T.H.)**
Mar 2013 – Jun 2013

Internship in the Institute of Applied and Computational Mathematics

Supporting the research team of Regional Analysis Division in the field of Satellite Remote Sensing.

The research work concentrates on the development of:

- Mathematical
- Statistical
- Computational

tools and methods that can be used for:

- Managing
 - Analyzing
 - Visualizing
- geographic (spatial) data.

**Foundation for
Research and
Technology-Hellas
(FO.R.T.H.)**
Apr 2016-Present

Research Assistant in the Institute of Applied and Computational Mathematics

Dealing with statistical analysis and updating of the structure data of Heraklion's urban environment, part of URBANFLUXES work.

SKILLS

Languages: Greek (native), English (B2), French

Computing:

- Microsoft Office Software: Excel, Word, PowerPoint (ECDL)
- C, C++

Scientific Calculation Softwares:

- MatLab
- BEAM (ESA)
- ERDAS Imagine
- QGIS

Presentations Skills:

- Multiple presentations throughout BSc/MSc studies and conferences.

Publications:

- Tzelidi D., Benas N., Chrysoulakis N., Analysis of the Land Surface Temperature changes around the Mediterranean during the period 2000-2012.
The study presented orally at the 12th International Conference of Meteorology, Climatology and Atmospheric Physics (COMECAP 2014), which took place in Heraklion, May 28-31, 2014.

- Cartalis C., Tzelidi D., Polydoros A., Mavrakou T., Chrysoulakis N., A Comparative examination of the Land Surface Temperature and Urban Planning and Development: An application for cities in the Mediterranean region, submitted to the 4th International Conference on Countermeasures to Urban Heat Island, which will take place in the National University of Singapore, May 30-31 and June 1, 2016.

Recommendation letters: Available on request