

CURRICULUM VITAE

Contact Information

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Profile: Patient, persistent, detail oriented, effective man with experience in the Public Forest Sector, who seeks new challenges.

Personal information

Date of birth: November 10th, 1968
Citizenship: Greek
Marital Status: Married
Children: 1

Employment History

2002 - today:	<p>As of 2002 I work for the Greek Forestry Commission of Samos – Greece.</p> <p>Duties:</p> <ul style="list-style-type: none">● Deputy Head of the Forest Maps & Cartography department.● Forestry subsidies of the European Union.● Phytosanitary examiner. <p>Skills:</p> <ul style="list-style-type: none">● Aerial photo interpretation – extensive on an everyday basis since 2005 including the PHOTOMOD program.● Spatial data manipulation with AutoCAD.● GPS Mapping.● Computer programming (Python).● MS Office. <p>Studies:</p> <ul style="list-style-type: none">● Maintenance and improvement of the forest road network of Eastern Samos (2002).● Gravity dams of the “Koudouna” and “Meleti” streams of Samos (construction and environmental impact assesment) (2010). <p>Field experience:</p> <ul style="list-style-type: none">● Foreman in the Maintenance and improvement of the forest road network of Western Samos (2003).● Foreman in the construction of 4 gravity dams (2004).● Forest cadastre of the municipality of “Samion” (2010). <p>General experience:</p> <ul style="list-style-type: none">● Due to my work and studies I have gained experience in the fields of Remote Sensing, Technical Drawing & Mapping (CAD), Forest Road Construction (C class), Mountain River Engineering, Forest Law and Tree Pathology.
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	<p>Attended Seminars:</p> <ul style="list-style-type: none"> ● G.I.S. Systems (2004). ● Civil Protection (2011). <p>Teaching:</p> <ul style="list-style-type: none"> ● I was a forest law teacher at the secondary school of Samos (2009 – 2010). <p>Online Courses (ongoing):</p> <ul style="list-style-type: none"> ● “Monitoring Climate from Space” by the European Space Agency (November 2015 – January 2016). ● “Soils” by the Lancaster University (July 2016).
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Education

- Master Equivalent Diploma in Forestry and Environmental Science of the Aristotelian University of Thessaloniki – Greece.
- First Certificate in English of the Cambridge University.

Computer Skills

Game development with Python and Pygame (see my web page at <http://tsiberis.mysite.com/>).

Since 2005, I have written six (6) playable games and a tutorial about using sound with pygame:

- “A game from the 70's” is a physics engine / simulator of rolling balls that strike each other as shown from above – like a pool game.
- “Zenercards+” is a card guessing game. All of the 10 (simple and complex) geometrical figures of the cards are drawn by the program itself using the appropriate math equations.
- The other games “Seminar”, “Test your memory”, “Number invaders” and “ZAC” represent basic python & pygame usage.

Applications with Python

A music player and a **geographic coordinate converter**:

- “PyMP” is a simple music player that uses only python and pygame, excluding any other convenient libraries. It plays .mp3, .mid, .wav, .ogg, .xm & .cda files.
- “ge2egsa” is an app intended for easier Greek mapping. **It converts Google Earth coordinates (lon, lat) to native Greek 'EGSA' coordinates and vice versa.** It makes use of the Proj4 library through the pyproj module. It is associated with excel files so it makes heavy use of the xlrd & xlwt modules. It also produces a dxf drawing and a kml file as an output with dxfwrite & simplekml modules. GUI of choice is the wxpython kit.

Knowledge of Visual Basic, VBA and other flavors of BASIC language such as StarBasic, Locomotive and GW.

MS Word. Two years at an administrative position in the Hellenic Navy.

MS Excel cell function programming. At 2001, I wrote a collection of macros for the StarCalc Spreadsheet using StarBasic. I have been making MS Excel formulas ever since.

AutoCAD usage. As of 2005 my current daily job consists (among others) of GPS Mapping and Spatial Data Manipulation.

Mapping wildfires using satellite images with ArcGIS. Since the summer of 2013, in which a major fire occurred in the island of Samos, I have been using **Landsat** and **Sentinel** images to map wildfires in ArcGIS.

Science

I wrote and posted an “Essay about the ellipse and the calculation of the elliptical arc” to academia.edu (2014). It can also be found in my web page: <http://tsiberis.mysite.com/>.

Hobbies

Computer programming, reading, walking, swimming.