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TSIGARIDA ANASTASIA
Curriculum Vitae

Highlights

- Mathematical modelling of pollutant transport and surface water
- Hydrology
- Water/Sewer pipeline design
- River modeling
- Wastewater treatment plant design
- CAD and GIS modeling

Professional Experience

2013, April - Present: **Scientific Personnel, TAURUS Secure Solutions Ltd**
As part of the scientific team my tasks are:

- laboratory assistant
- part of the R&D team
- Scientific personnel
- Analytical Instruments Operator of IRIS-II, DHSPI-II, LMNT-II (more informations about the systems please visit: <http://www.iesl.forth.gr/>)

Research Experience

2011, March – 2011, Sept.: **Univeristy Dissertaion, Technical University of Crete, Lab of Aquatic Chemistry**
doing research as an undergraduate student for my thesis in the lab of aquatic chemistry in the division of environmental process design and analysis at solid-phase microextraction techniques in solid and aquatic matrix via vacuum conditions.

2013, April – Present: **Scientific Personnel, TAURUS Secure Solutions Ltd**

- Participation in the following Symposiums:
 - FP7 EC project SYDDARTA Dissemination event - Athens, March 2014
 - "Workshop: Development and applications of new technologies in art restoration and display systems, Athens"
 - 10th International Symposium on Display Holography, Saint Petersburg, 28 June-3July 2015
 - "Holography fringe patterns: systems and applications in the structural diagnosis, documentation and display of works of art", Vivi Tornari, Anastasia Tsigarida, Varvara Ziampaka

Education

2011-2013: National Technical University of Athens, School of Civil Engineering
MSc in Water Resources Science and Technology
Orientation: Water Quality and Environmental Technology
Thesis: River quality characteristics simulation through the software MIKE 11/ECO Lab by DHI

2005-2011: Technical University of Crete, School of Environmental Engineers
Meng Degree in Environmental Engineering
Thesis: Vacuum headspace solid-phase micro extraction of organochlorine pesticides in water and soil samples

Computer Skills

Software Packages: Autocad 2010, GIS software (ArcMap) and hydrology/hydraulic modeling software (HEC-RAS, MIKE ZERO, MIKE11, MIKE 21, ECOLAB)
Excellent knowledge of MS Word and Excel with Macro Programming skills

Programming Languages: FORTRAN, Matlab 7.0

Languages

Greek:	Excellent	Native language
English:	Fluent	(First Certificate in English) (IELTS – expected Oct. 2015, degree 7)
French:	Basic	(Delf 1 - Unités A1-A2)