

Curriculum Vitae

Personal Data

Name Afroditi Fotiou
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73133, Chania, Crete
Date of birth 21.04.1983
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Work experience

- 01.2011-present Energy auditor of buildings
Activities: Experience in the whole procedure of conducting an Energy Performance Certificate in residential and commercial sector.
- 05.2011-present Krinner Hellas
Activities: Technical support in the field of foundation and mounting systems for PV Parks during all the stages of design and construction. Structural analysis and design of steel structures with use of Scia Engineering Software.
- 11.2010-12.2010 Participation in the architectural competition Athensx4 contacted from the company "Unification of the Archaeological Sites of Athens S.A."
Activities: Revitalisation proposal of four blocks of buildings situated in a district of Athens with a downgraded urban environment. Sustainability and energy management consultancy for the interventions in the roads contained from the four blocks and in the existing building stock.
- 10.2009-07.2010 Student placement
Büro Happold
Engineering office - Sustainability group
Activities: Contribution in the integration of sustainability and energy efficiency concepts in master planning and building scale, as well as conduction of green building certificates. Responsible for the ISO 14001 certification of the company.
- 10.2008-07.2009 Scientific personnel
Chair of Bioclimatic and Building services
Faculty of architecture, TU Munich
Activities: Energy planning for communities, research in energy goals and potential of communities, in close collaboration with the authorities involved. Analysis of the

actual condition and the existing energy potentials for the study area, selection, organization and visualization of data with use of GIS.

09.2010-present

Member of the self-organized group 'Saligaros'
Activities: Design and construction of small scale structures made of cob. Initiatives for the creation of Greek legislation for earth as building material.

02.2009-07.2010

Member of the international organization "Engineers without borders"
Activities: Provision of scientific and technical help for the projects: PV park in Sierra Leone and design of the lighting concept with solar power for 11 schools in Tanzania.

09.2007-06.2008

Scientific personnel
Laboratory of hydrology and water resources management
Civil engineering department, NTU Athens
Activities: Participation in European projects for recording and managing water resources in the European sector, GIS user.

Education and qualifications

03.2012-present

Preparation for becoming a permanent energy auditor for buildings

01.2011

Three day seminar offered from IEKEM-TEE.
Topic: 'Calculation methodology of photovoltaic systems and payback period of the investment'.

10.2008-07.2010

Technical University of Munich (TUM)
Postgraduate Master Course ClimaDesign (M.Sc.)
Chair of Bioclimatic and Building services
Prof. Dr.-Ing. Gerhard Hausladen
Faculty of Architecture
4-Semester studies, which allows the participant to work while pursuing the master
Master thesis: "Building typology and energy conservation measures for residential buildings in Mediterranean countries, example of Cholargos- Athens- Greece"
Degree obtained: 2

09.2001-03.2007

National Technical University of Athens (NTUA)
Diploma in Civil Engineering (Dipl.-Ing.)
Department of water resources and environmental Engineering.
Diploma thesis: "Study on the flood condition of Kalamas

river with use of the hydraulic model HEC-RAS”
Degree obtained: 7,3/10

03.2005-09.2005

Technical University of Berlin (TUB)
Exchange student in the rams of the European program
Erasmus - Department of civil engineering

09.1998-06.2001

1^o High school of Cholargos
Degree obtained: 19/20

Languages

English

Cambridge Proficiency in English, June 2000
Toefl, June 2008

German

Mittelstufe, November 2005
TestDaF, September 2008

French

Diplôme d'études en langue française D.E.L.F. 1er Degré,
June 1998

Software

Microsoft Office (Word/Excel/PowerPoint-Access)
AutoCAD, Sketch up
Photoshop, Illustrator, InDesign
FORTRAN
Hydrologic and Hydraulic models (HEC-RAS, HEC-HMS)
IDA Indoor Climate and Energy (ICE) Simulation tool
Experience with the following tools for light and
temperature simulation (Relux, Ecotect)
PVSYST, PVSOL
GIS software (ArcGIS, gvSIG)
Scia Engineering structural analysis and design of steel
structures

Hobbies

Dancing, cinema, travelling