

GALANOS DIMITRIS

Personal details

Date of birth: 20/11/1979

Place of birth: Athens

Military services: *Fulfilled*

Marriage status: *Single*

Contact details

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EDUCATION

Environmental Engineer, Democritus University of Thrace

(Xanthi, September 1997 – October 2003)

Diploma Thesis: Energy rehabilitation and environmental design in the building and the precincts of "XENIA Hotel" in Xanthi, 2003

Ph.D., Democritus University of Thrace

Department of Environmental Engineering, Laboratory of Environmental and Energy Design

(Xanthi, December 2003 – March 2011)

PhD Thesis: Thermal comfort conditions in office buildings, under the scope of Environmental Design

LANGUAGES

English (Certificate in Advanced English, University of Cambridge)

WORK EXPERIENCE

Senior IT employer in computer and electronics store

(November 2000 – September 2004)

Professor in IT school

(September 2004 – July 2007)

Designing and modeling bioclimatic houses, in collaboration with an Architectural Office

(September 2006 – December 2008)

Laboratory Associate in School of Pedagogical and Technological Education (ASPETE), teaching Renewable Energy Sources

(February 2009 – July 2009)

Environmental Engineer in GLASSCON S.A., expertise in photovoltaics and energy rehabilitation in buildings

(October 2009 – Today)

TRAINING

«Ecological Protection of the Planet Earth», Department of Environmental Engineer, Democritus University of Thrace, Xanthi, February 2001

«Protection & Restoration of the Environment», Department of Environmental Engineer, Democritus University of Thrace, Skiathos, July 2002

«Professional seminar in bioclimatic architecture in office buildings», Department of Physics, University of Athens, Campus of Athens, March 2003

«HELECO '05», Technical Chamber of Greece, Athens, February 2005

«13th International Symposium of MESAEP», Thessaloniki, October 2005

«2nd Environmental Conference of Macedonia», Thessaloniki, October 2005

«Bioclimatic Design of Buildings», Technical Chamber of Thrace, Komotini, November 2005

«Architecture, Energy and Environment in building and cities», Athens, May 2011

RESEARCH

«Infrastructure and development of Laboratory of Environmental and Humane Design», P. Kosmopoulos, Literature review in environmental architecture, 1/3/2002 – 31/3/2002

«Infrastructure and development of Laboratory of Environmental and Humane Design», P. Kosmopoulos, Literature review in environmental architecture, 1/5/2002 – 31/7/2002

«Infrastructure and development of Laboratory of Environmental and Humane Design», P. Kosmopoulos, Review and use of existent software concerning environmental architecture, 1/1/2003 – 1/3/2003

«Development and operation of Laboratory of Environmental and Humane Design», P. Kosmopoulos, Logging and analyzing data collected from a energy autonomous pilot house, 8/10/2005 – 8/3/2006

«Development and operation of Laboratory of Environmental and Humane Design», P. Kosmopoulos, Analyzing indoor air quality in office buildings, 1/1/2007 – 1/5/2007

«Development and operation of Laboratory of Environmental and Humane Design», P. Kosmopoulos, Analyzing indoor air quality in office buildings, 1/1/2008 – 31/7/2008

PUBLICATIONS

Proposing 3d model of thermal comfort, Kosmopoulos P. and Galanos D., «HELECO '05», Technical Chamber of Greece, Athens, February 2005

Energy rehabilitation of existing office buildings in Xanthi, Kosmopoulos P. and Galanos D., «HELECO '05», Technical Chamber of Greece, Athens, February 2005

Fitting the environmental design guidelines in energy rehabilitation of Xenia hotel in Xanthi, Kosmopoulos P. and Galanos D., «2nd Environmental Conference of Macedonia», Thessaloniki, October 2005

ZED-KIM: A pilot house using renewable energy sources, Kosmopoulos P., Galanos D. and Christou P., «13th International Symposium of MESAEP», Thessaloniki, October 2005

Thermal comfort survey in office buildings, Kosmopoulos P. and Galanos D., «13th International Symposium of MESAEP», Thessaloniki, October 2005

Energy modeling software, Galanos D., «Bioclimatic Design of Buildings», Technical Chamber of Thrace, Komotini, November 2005

The use of renewable energy sources in houses (ZED-KIM), Kosmopoulos P. and Galanos D., «PLEA2006 - The 23rd Conference on Passive and Low Energy Architecture», Geneva, September 2006

Thermal comfort in buildings, Galanos D. and Kosmopoulos P., Κεφάλαιο στο βιβλίο: «Buildings, Energy and Environment» (Greek and English Version), Editor: P. Kosmopoulos, University Studio Press, Thessaloniki 2008

Integrated Energy upgrade of the Ministry of Mercantile Marine building in Miaouli coast, Karagiorgas M., Vrellis K., Galanos D., Michael M., 1st Award at Eco-Building Club Workshop, Paris, December 2009

Free and solar cooling based energy upgrade of the MMM building, Karagiorgas M., Galanos D., Michael M., Vrellis K., 3rd International Conference on Passive and Low Energy Cooling for the Built Environment (PALENC 2010), Rhodes Island, October 2010

Estimating thermal comfort conditions in a modern office building using ISO 7330, Galanos D., Kosmopoulos P., Architecture, Energy and Environment in building and cities, Athens, May 2011

PERSONAL SKILLS

Windows, Internet, Office (Word, Excel, Access, PowerPoint, Outlook, Visio)

Adobe Photoshop, Adobe Illustrator, Adobe Dreamweaver

AutoCAD

BIOKΛIMATIKA, B-KLIMA, Ecotect, Energy Plus, EPA-ED, EPA-NR, T-SOL, PV-SOL, PVSyst, Hopper

STATA, SPSS