

PERSONAL DATA

Date of Birth : 26/01/1978
Place of Birth : Thessaloniki, Greece
Nationality : Greek
Marital status : Single
Army Duties : Completed (12/11/2008 – 12/11/2009)

EDUCATION

2002 - 2009

PhD, Mechanical Engineering.

Aristotle University of Thessaloniki, Mechanical Engineering Dpt.

Thesis: *Production of advanced glass ceramics with utilization of industrial wastes.*

2004 -2006

MSc, Processes and Technology of Advanced Materials.

Aristotle University of Thessaloniki, School of Engineering.

Thesis: *Investigation of the ability to reuse coal power plants fly ash in the context of industrial ecology.*

1996 -2001

BSc, Environmental Sciences.

University of the Aegean, Environmental Studies Dpt.

Thesis: *Analysis and integrated environmental management of the Mesolonghi lagoon ecosystem.*

WORK EXPERIENCE

2004 – 2007, November 2009 - now

Self Employed

Self employed, as environmental scientist. Certified for composing environmental impact studies from the Hellenic Ministry of Environment and Public works (Certification Number: 19464, issue date: 16/04/2007)

Summer 2007, Summer 2008

University of Aveiro, Portugal

Accepted in the Department of Glasses and Ceramics for experimental research on the PhD thesis.

The experimental work involved:

- Design and production of vitrified products derived from industrial wastes.
- Controlled thermal treatment of vitrified products for the synthesis of glass ceramics.
- Analytical material characterization.
- Mechanical and electrical properties of produced materials.

July 2006

CNRS, France

Was accepted in the PROCesses, Materials and Solar Energy Laboratory (PROMES) of the CNRS at the high flux solar facilities at Font-Romeu - Odeillo, France through the SOLFACE program. The experimental work involved:

- Use of solar furnaces for the vitrification of industrial wastes.
- XRD and DTA characterization techniques.

2003

University of Brno, Czech Republic

As part of the Marie Curie Fellowship, was employed in the Brno University of Technology, Faculty of Civil Engineering, Institute of Technology of Building Materials and Components for doctoral training.

2001 – 2002, 2004 – 2008

Aristotle University of Thessaloniki

Participation in a series of Academic Research Programs as a member of the Physical Metallurgy Laboratory of the Mechanical Engineering Department of the university. The work involved:

- Experimental work in the field of materials science.
- Administrative work, proposal composition and management of programs.

2000 – 2001

Self Employed

Environmental management services were provided to the municipality of Konistres, Evia Greece. A complete dynamic GIS was created and delivered to the municipality.

1999-2001

Hellenic Center for Marine Research (HCMR)

The BSc. thesis was undertaken as a part of INTERREG II program of the EU. The work took place in the Oceanography Dpt of the Hellenic Center for Marine Research in Athens, Greece.

June 1998 - August 1998 (Summer training Program)

OIKOLOGIKH S.A.

Oikologiki is a company involved in environmental constructing and consulting.

June 1997 - August 1997 (Summer training Program)

National Institute for Agricultural Studies, Sindos, Greece

The program had to do with the investigation of the ability to use the water derived after the second stage waste treatment facility of the city of Thessaloniki for the irrigation of crops.

FELLOWSHIPS

Marie Curie (EU)

Heraclitos (Ministry of Education, Greece)

JOURNALS AND CONFERENCES

K.C. Vasilopoulos, D.U. Tulyaganov, S. Agathopoulos, M.A. Karakassides, J.M.F. Ferreira, D. Tsipas

Bulk nucleated fine grained mono-mineral glass-ceramics from low-silica fly ash.

Ceram. Int., Volume 35, Issue 2, March 2009, pp 555-558. doi:10.1016/j.ceramint.2008.01.002

K. C. Vasilopoulos, D. U. Tulyaganov, S. Agathopoulos, M. A. Karakassides, M. Ribeiro, J. M. F. Ferreira and D. Tsipas

Vitrification of low silica fly ash: suitability of resulting glass ceramics for architectural or electrical insulator applications.

Advances in Applied Ceramics, Volume 108, Number 1, January 2009, pp. 27-32(6). doi:10.1179/174367509X344980

K.C. Vasilopoulos, D.U. Tulyaganov, S. Agathopoulos, M.A. Karakassides, J.M.F. Ferreira, D. Tsipas

Engineering of single crystalline, fine-grained glass ceramic material from fly ash wastes. (Poster)

Advanced Processing for Novel Functional Materials – APNFM2008, 23 - 25/01/2008, Dresden, Germany.

K.C. Vasilopoulos, D.U. Tulyaganov, S. Agathopoulos, M.A. Karakassides, J.M.F. Ferreira, D. Tsipas

Conversion of Low-silica Fly-ash into Bulk Nucleated Fine Grained Mono-mineral Glass-ceramic, (Oral Presentation)

9th ESG (European Society of Glass) CONFERENCE, 22 – 26/06/2008, Trencin – Slovakia.

Karageorgis, A.P., Sioulas, A. Anagnostou, Ch., Krasakopoulou, E., Kyriakidou, H., Vasilopoulos, K.

Geochemistry of surface sediments in the Messolonghi lagoon, Greece.

4th European Conference on Coastal Lagoon Research and Management for the Conservation of Coastal Lagoon Ecosystems, South - North comparison. Montpellier, 14-18 December 2009.

G. Litsardakis, G. Martinopoulos, K. Vasilopoulos

Permanent Magnets

Proceedings of 7th Intensive Course in Advanced Physics and Chemistry, Lisbon 2003

Karageorgis, A.P., Sioulas, A., Krasakopoulou, E., Anagnostou, Ch., Hatiris, G., Kyriakidou, H.,

Vasilopoulos, K.

Geochemistry of surface sediments and heavy metal contamination assessment: Messolonghi lagoon complex, Greece.

Environmental Earth Sciences (SUBMITTED)

SCIENTIFIC INTERESTS

- Integrated environmental management systems.
- Materials and Environment.
- Industrial waste utilization and reusal.
- Industrial Ecology.
- Coastal Management.