

Curriculum Vitae

Personal information

Full name **Georgios D. Bazdanis**

Address (office): Department of Mineral Resources Engineering,
Technical University of Crete, Chania, 73100

Address (home): Tsontou Varda 29, Chania, Crete, 73132

Telephone: Office :+30 28210 37674, Home:+30 28210 73509,
Cell phone: +306948586283

Date of birth: 2nd August, 1982

Place of birth: Kavala, Greece

e - mail: gbazdan@mred.tuc.gr

Membership

1. Technical Chamber of Greece (TCG)
2. Elected member of the scientific committee on Mining and Metallurgical Engineering (TCG)
3. Greek society of Mineral Resources Engineers
4. Greek society of Mining and Metallurgy Engineers

Post-gradual Studies

March 2009- Present PhD Candidate, Department of Mineral Resources Engineering, Technical University of Crete
Thesis: Decontamination of effluents using Permeable Reactive Barriers
Supervisor: Prof. K. Komnitsas

October 2007 –March 2009 Master of Science in Engineering (M.Sc), Program of Graduate Studies in the field of Geotechnology and the Environment, Department of Mineral Resources Engineering, Technical University of Crete.
Supervisor: Prof. K. Komnitsas

Education

2001 - 2007 Department of Mineral Resources Engineering,
Technical University of Crete,
Diploma: Mineral Resources Engineer

Participation in research projects

February - December 2013: Development of an integrated methodology for the management, treatment and valorisation of hazardous waste (WasteVal), THALIS project, funded by FP7, (duration: 20/1/2012 - 30/9/2015), Co-ordinator: Prof. K. Komnitsas

September 2012 - January 2013: LIFE+ WASTEREUSE - Best practices for Agricultural Wastes (AW) treatment and reuse in the Mediterranean countries (duration: 1/9/2011 - 31/8/2015), webpage: www.wastereuse.eu
Co-ordinator: Prof. K. Komnitsas

September 2011- August 2012: LIFE+ PROSODOL - Strategies to improve and protect soil quality from the disposal of olive oil mills' wastes in the Mediterranean region, funded by the EC, (duration: 1/1/2009-31/12/2012), webpage: www.prosodol.gr
Co-ordinator: Prof. K. Komnitsas

June 2011- June 2013: Treatment of Acid Mine Drainage Using Permeable Reactive Barriers (In-Situ Treatment) and Anaerobic Baffled Reactors (Ex-Situ Treatment), funded by General Secretariat for Research & Technology (Joint Research and Technology Programmes 2010-2011), webpage: <http://www.tuc.gr/1835.html>
Co-ordinator: Prof. K. Komnitsas

September 2010- April 2011: Innovation Centre of Crete, funded by the European Economic Area (EEA) and the Greek Ministry of Economy, Competitiveness and Shipping, webpage: <http://www.innovationcenter-crete.gr>
Co-ordinator: Prof. N. Kalogerakis

September 2007- August 2008: Basic research project: Study of manganese removal mechanisms from leachates, funded by the Research

- Committee of the Technical University of Crete,
(duration: 1/9/2007 - 31/8/2008)
Co-ordinator: Prof. K. Komnitsas
- March 2008–
July 2008: Restructuring of curriculum of the Dep. Mineral
Resources Engineering of Technical University Crete,
funded by the Greek Ministry of Education
Co-ordinator: Prof. V. Perdikatsis
- October 2007–
December 2007: Strategic plan for prevention of regional water resources
contamination from mining and metallurgical activities
in Western Balkan Area (PREWARC), INCO C.1
Environment, Specific Support Action (SSA), funded by
the European Commission, other participants: National
Technical University of Athens (Greece), Faculty of
Technology and Metallurgy, University of Belgrade
(Serbia & Montenegro), Faculty of Technology and
Metallurgy, University "Sts Cyril & Methodius" of
Skopje (FYROM), webpage:
<http://www.labmet.ntua.gr/prewarc/index.htm>
Co-ordinator: Prof. K. Komnitsas

Publications

Journals

1. Bazdanis G., K. Komnitsas and Zaharaki D. (2011). Efficiency of organic/inorganic fixed beds to clean up solutions loaded with heavy metals, *Fresenius Environmental Bulletin*, 21, 8c, 2431-2435 (presented at Second International Symposium on Green Chemistry for Environment and Health, Mykonos island, Greece, 27-29 September 2010)
2. Komnitsas K., G. Bazdanis, G. Bartzas, E. Sahinkaya and D. Zaharaki (2013). Removal of heavy metals from leachates using organic/inorganic permeable reactive barriers, *Desalination and Water Treatment Journal* 51, 3052-3059.

Books

3. Kaklis, K., S. Maurigiannakis, Z. Agioutantis and G. Bazdanis (2010). An investigation of the mechanical characteristics of Nestos Marble, Volume in Honor of the late Professor K. Kavouridis (in Greek).

Conferences

4. Bazdanis, G., K. Komnitsas and Zaharaki D. (2008) Stabilization of sulphidic wastes using red mud, 1st International Conference Hazardous Waste Management, Chania-Crete, Greece (1-3 October 2008).
5. Bazdanis, G., K. Komnitsas and Zaharaki D. (2009) Study of manganese removal mechanisms from leachates, "3rd International Conference on Advances in Mineral Resources Management and Environmental Geotechnology" (AMIREG '09), Athens, Greece (7-9 September 2009).
6. Bazdanis, G., K. Komnitsas and Zaharaki D. (2010). The efficiency of organic/inorganic materials to clean up contaminated leachates. "Second International Symposium on Green Chemistry for Environment and Health" Mykonos, Greece (27-29 September 2010).
7. Bazdanis G., K. Komnitsas, E. Sahinkaya and D. Zaharaki (2011). Removal of heavy metals from leachates using permeable reactive barriers filled with reactive organic/inorganic mixtures, Proceedings of the Third International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference, Skiathos island, Greece (19-24 June).
8. Komnitsas K., G. Bazdanis, G. Bartzas, D. Zaharaki and E. Sahinkaya (2012). Prevention of groundwater contamination in wider mining areas using composite permeable reactive barriers. Protection and Restoration of the Environment XI, Thessaloniki, Greece (July 3-6, 2012).

Participation in conferences

25-27/9/2006: "2nd International Conference on Advances in Mineral Resources Management and Environmental Geotechnology" (AMIREG '06), Chania, Crete, Greece, <http://heliotopos.conferences.gr/amireg2006>

1-13/10/2008: "1st International Conference Hazardous Waste Management", Chania, Crete, Greece. <http://www.hwm1.tuc.gr>

7-9/9/2009: "3rd International Conference on Advances in Mineral Resources Management and Environmental Geotechnology" (AMIREG '09), Athens, Greece, <http://heliotopos.conferences.gr/4420.html>

27-29/9/2010: "Second International Symposium on Green Chemistry for Environment and Health" Mykonos, Greece, <http://www.greenchem2.prd.uth.gr/Index.html>

19-24/6/2011: "Third International Conference on Environmental Management, Engineering, Planning and Economics", Skiathos island, Greece, <http://www.cemepe3.prd.uth.gr/>

3-6/7/2012: "Protection and Restoration of the Environment XI", Thessaloniki, Greece, <http://www.pre11.org>

Teaching Experience in the Department of Mineral Resources Engineering

1/3/2011-
31/8/2011: Teaching assistant in the course "Metallurgical processes"

1/3/2011-
31/8/2011: Teaching assistant in the course "General Mineralogy"

1/3/2010-
31/8/2010: Teaching assistant in the course "Environmental protection and rehabilitation technologies"

1/9/2009-
28/2/2010: Teaching assistant in the course "Metallurgical processes"

1/9/2009-
28/2/2010: Teaching assistant in the course "Systematic Mineralogy"

1/3/2009-
31/8/2009: Teaching assistant in the course "General Mineralogy"

1/3/2009-
31/8/2009: Teaching assistant in the course "Metallurgical processes"

1/09/2008-
28/2/2009: Teaching assistant in the course "Environmental protection and rehabilitation technologies"

1/09/2008-
28/2/2009: Teaching assistant in the course "Systematic Mineralogy"

1/09/2008-28/2/2009: Teaching assistant in the course “ Environmental Remote Sensing”

1/09/2007-28/2/2008: Teaching assistant in the course “Environmental protection and rehabilitation technologies”

Skills

Computer

Windows 9X, 2000, XP, VISTA, 7, 2008 server
Software: MS Office 2003, MS Office 2007, AutoCAD 2005 (2D-3D), MATLAB, FORTRAN, TEE KENAK.

Languages

Greek: Mother tongue
English: Very good

Training

6/7/2003-14/8/2003: Eleftheriadis Marble Mining, Limnia, Kavala, Greece

1/7/2004-1/8/2004: GeoTech Ltd-Georesources Technology S.A. Perigiali, Kavala, Greece
E-mail: info@georesources.gr
URL: www.georesources.gr