

Curriculum Vitae

Personal information

Surname(s) / First name(s) LOIZIDOU, MARIA

Address(es) National Technical University of Athens
School of Chemical Engineering
9, Heroon Polytechniou Str
157 73 Zografou, Athens

Telephone(s) 0030 210 7723106/8

Mobile:
+306944760014

E-mail mloiz@orfeas.chemeng.ntua.gr

Nationality Greek

Gender female

Work experience

Dates 1976

Occupation or position held Chemical Engineer

Main activities and responsibilities Production line

Name and address of employer EURIKA

Type of business or sector Private Industry

Dates 1977 - 1982

Occupation or position held Assistant

Main activities and responsibilities	Research – Education
Name and address of employer	National Technical University of Athens
Type of business or sector	University
Dates	1983 – 1987
Occupation or position held	Lecturer
Main activities and responsibilities	Research – Education
Name and address of employer	National Technical University of Athens
Type of business or sector	University
Dates	1987 – 1994
Occupation or position held	Assistant Professor
Main activities and responsibilities	Research – Education
Name and address of employer	National Technical University of Athens
Type of business or sector	University
Dates	1994 – 2003
Occupation or position held	Associate Professor, Head of the Unit of Environmental Science and Technology (www.uest.gr)
Main activities and responsibilities	Research – Education
Name and address of employer	National Technical University of Athens
Type of business or sector	University
Dates	2003 until today
Occupation or position held	Professor, Head of the Unit of Environmental Science and Technology (www.uest.gr)
Main activities and responsibilities	Research – Education
Name and address of employer	National Technical University of Athens
Type of business or sector	University

Education and training

Dates	1974
Title of qualification awarded	B.Sc.
Principal subjects/occupational skills covered	Chemical Engineering
Name and type of organisation providing education and training	University College London
Dates	1975
Title of qualification awarded	M.Sc.
Principal subjects/occupational skills covered	Environmental Engineer – MSc in Environmental technology & science
Name and type of organisation providing education and training	Department of Chemical and Biochemical Engineering, University College London
Dates	1982
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Environmental Engineering
Name and type of organisation providing education and training	University College London

Personal skills and competences

Mother tongue(s)	Greek
Other language(s)	English

Additional information

MEMBERSHIP OF PROFESSIONAL BODIES

- Member of the International Association on Water Quality (IAWQ)
- Member of the Scientific and Organisational Committee of the International Conference: Marine Pollution of the Mediterranean Sea, organised by the IAWQ
- Member of the International Zeolite Association
- Member of the British Zeolite Association (BZA)
- Member of the Technical Chamber of Greece
- Member of the Association of the Greek Chemists
- Member of the Water Treatment Scientists Association, Cyprus (WTSAC)
- Member of the European Waste Club (EWC)
- Member of the European Topic Center on Waste of the European Environmental Agency
- Member of the Management Committee of the European Topic Center on Waste and Material Flows of the European Environmental Agency
- Member of the exam committees of the State Scholarship's

Others Scientific or Tutorial Activities

- Environmental Consultant of Ministries, Communities, Municipalities and Private Companies
- She has been teaching Special Chemistry Topics, Systems for the Environmental Protection and Environmental Management for the last twenty five years. She has been the course tutor for the European Master degree in Environmental Management - European Association for Environmental Management Education (EAEME) for 8 years. She has organized many special seminars on various environmental issues (over 3200 h). She had the supervision of over hundred undergraduate diploma theses in the field of environment, the majority being on waste, and she had the supervision of 25 Ph.D. students.
- She has been collaborating with a great number of partners, universities, institutes, research centers aall around the world
- She is member of the temporary management board of the Cyprus University of Technology
- She has organised several conferences (http://www.uest.gr/medaware/meda_conference/index.htm , <http://www.uest.gr/kyproconference> , etc.

Specializations:

Development of programs for the integrated management of wastewater

Design, application and optimization of lab-scale and pilot-scale systems, including state-of-the-art technologies for the treatment of industrial wastewater and solid waste

Development and application of systems for prevention and control of environmental pollution

Development and application of inventory programs concerning the production of solid waste (municipal

and industrial) and industrial wastewater

Development of appropriate schemes for the integrated management of municipal solid waste in local and national level

Development of best management schemes for the integrated management of special types of solid waste (batteries, plastics, used oils, used tires, end-of-life vehicles demolition waste etc) at local and national level

Development of appropriate schemes for the integrated management of hazardous waste at local and national level

Development and application of appropriate decision support tools for the management of solid waste

Development and application of decision support tools for the selection of the appropriate site for the installation of waste and wastewater treatment plants

Development and application of decision support systems for the estimation and the time prediction of the pollution in contaminated sites

Environmental impact assessment

Development of simulation models and other software tools

Life-Cycle analysis, eco-design end-of-life management of various products

Integrated product policy

Air Pollution and pollution prevention and control

Energy Engineering: Energy conservation in the industry. Renewable energy systems: Geothermal, Biomass, Solar, and Wind. Energy Co-generation. Coal Combustion, Gasification and liquefaction. Biomass Gasification

Process Engineering: Process Design of environmental systems; Simulation of environmental and chemical systems; Environmental process synthesis; Reaction synthesis; optimisation of single and multiple objectives; Modelling and control of polymerisation reactors; dynamic simulation of systems

Safety Management Systems for Major Accidents Hazards

She has been the coordinator of numerous international and national projects:

"Air Pollutants Transport from Thriassion Valley to the Main Athens Basin", Borough of Nikea, Athens, 1985.

"A Study on the Industrial Effluents in the Greater Athens Area"

Ministry of Planning, Housing and the Environment, 1985.

"The Production and Use of Compost from Municipal Refuse" ,

Association of the Communities and Municipalities of the Attica Region, Athens, 1987.

"Air Pollution from the Colgate-Palmolive Plant and the Effect on the Environment", Colgate-Palmolive,

Athens, 1988.

"Environmental Pollution from Petrochemical Waste"

Association of the Communities and Municipalities of the Attica Region", Athens, 1988.

"Atmospheric Pollution in the Athens area".

Ministry of Planning, Housing and the Environment, Athens, 1989.

"Indoor Air Pollution of the Medical Centres of the Attica Region"

Ministry of Health, Welfare and Social Security, 1989.

"An Assessment on the Indoor Air Pollution, NO₂, SO₂, Smoke for the Houses in the Athens Area"

Ministry of Health, Welfare and Social Security, 1989.

"Volatile Organic Compounds in the Indoor Environment"

Ministry of Health, Welfare and Social Security, 1989.

"Evaluation of the Biogas and fill Material of the Liosia Landfill".

Prepared for the Ministry of Interior and the Association of Communities and Municipalities of the Attica Region, 1990.

"Effect of Leachate from a Landfill on the Underground Waters"

Prepared for the Ministry of Interior and the Association of Communities and Municipalities of the Attica Region, 1990.

"Environmental Impact Assessment of the Gaseous Emissions of the Liosia Landfill"

Association of Communities and Municipalities of the Attica Region, 1990.

"Design and Construction of a new Ozonesonde"

Secretary General for Research and Technology, GR.

"An Assessment on the Nitrogen Dioxide for the Indoor House Environment"

Ministry of Health, Welfare and Social Security, 1990.

"Ozon Levels of the Indoor Air in Hospitals"

Ministry of Health, Welfare and Social Security, 1990.

"Evaluation of the Environmental state of River Louros, Preveza"

County of Preveza, 1991.

"Waste from mining activities and impact on environment"

Kassandra Mines, Chalkidiki, 1990.

"Physical-chemical, Biological Treatment of Landfill Leachate"

Ministry of Research and Technology, 1992

"National Network of Environment Informatics"

Ministry of Environment and Public Works, 1992.

"Study of the Colgate-Palmolive Company Effluents and their Treatment"

Athens, NTUA, 1992.

"Study of the marine environment in the vicinity of the outfall of the central sewage system"

Athens Academy, 1993.

"Effect of cement pipes on drinking water"

Ministry of Health, Welfare and Social Security, 1993.

"Assessment of Marine Environment in Tourist Areas"

Ministry of Health, Welfare and Social Security, 1993

"Management of Hospital Waste"

Ministry of Health, Welfare and Social Security, 1994.

Assessment on Industrial Waste at a national level

Cyprus 1994, Ministry of Labour and Social Investments.

"Indoor Air Quality"

DG XII Joule Programme, 1994.

European Data Base for Indoor Air Pollution VOCs Sources in Buildings

DG XII, Joule II Programme, Sub-programme Energy Conservation and Utilization, The Commission of the European Communities, 1994.

New Stabilization/Solidification Technologies for the Prevention of Underground Water Contamination from Industrial Waste

DG XII AVICENNE, 1995

ECOSIM - Ecological and environmental monitoring and simulation system for management decision support in urban areas.

Environment and Telematics, DGXIII, 1995.

Environmental impact assessment study from the establishment of a mechanical recycling plant and landfill in the East-West part of the Attica Region.

Association of Communities and Municipalities of the Attica Region, 1996.

Environmental impact assessment study from the establishment of a mechanical recycling plant and landfill in the Northern part of the Attica Region.

Association of Communities and Municipalities of the Attica Region, 1996.

Development of an inventory of industrial wastewaters at a national level

Ministry of Environment, Regional Planning and Public Works, 1996.

Development of a methodology for implementation of SEVEZO Directive - Evaluation of the hazards caused by major accidents in the greater area.

Ministry of Environment, Regional Planning and Public Works, 1996.

Development of an inventory of VOC emissions from industrial and related facilities

Ministry of Environment, Regional Planning and Public Works, 1996.

Implementation of the integrated pollution prevention and control directive (IPPC).

Ministry of Environment, Regional Planning and Public Works, 1996.

Integrated emissions inventories for industrial wastes in Viotia region, Greece - Design of a centralized facility for waste treatment.

Ministry of Environment, Regional Planning and Public Works, 1997.

Study of Environmental Impact Assessment at the technological park of Lavrio.

Committee for the Technological Park of Lavrio, 1996.

Management of chemical substances in Greece

Chemical Safety International, 1996.

Evaluation and use of compost produced from sludge and the organic fraction of municipal waste.

Association of Communities and Municipalities of the Attica Region, 1996.

Process development for the removal of heavy metals from the sewage sludge.

Secretary General for Research and Technology, 1996.

The effectiveness of instruments for environmental policies in the field of industry regulating packaging and transport of hazardous waste.

DG XII, INSTRUFECT, 1996.

Evaluation of the emissions and hazards caused by major accidents inside the industrial units.

Ministry of Development, 1997.

Waste management of Aegean islands

Ministry of Aegean, 1997

Municipal waste management in Paphos

Local authorities of Paphos, Cyprus, 1997.

Preliminary Research on the Development of an Inventory of Solid Wastes at

National Level

Ministry of Environment, Regional Planning and Public Works, 1997

Development of Technical Specifications for a Municipal Waste Thermal Processing Unit Installation in the Island of Aigina.

DGXVI, Cohesion Fund, 1997.

MEDACT (Mediterranean Action)

LIFE Programme DG XI, 1997-1998

Survey of Occupational Problems and Risks Related to Indoor Conditions in

Hospitals Operating Rooms

Ministry of Labour, 1997- 1999

Technical Development and Demonstration of closed-loop procedures in electroplating and metal chemistry using solar energy or waste heat to avoid wastewater and to minimize solid waste which can be utilized

DG XII, INCO DC, 1998-2000.

Integrated Control of Industrial Pollution and Chemical Substances in Cyprus
Life-Third Countries, European Commission
Directorate General XI, 1998-2001.

Improvement of compost quality produced from municipal waste and sludge
Institution of Geological and Mining Research, 1998-1999

Development of an Integrated Management Scheme for Municipal and Industrial
Wastes at a National Level
Ministry of Environment, National Planning and Public Works, 1998.

Development of a Plastic Recycling Scheme
Association of Communities and Municipalities of the Attica Region (ACMAR), 1998-1999

Design and development of a database concerning the waste management in
Greece
Secretary General for Research and Technology, 1999

Assessment of the quality of hospital waste in Attika Region, Greece
Company ANSALDO-EPTOKAT, 1999.

Environmental Impact Assessment for the RDF thermal treatment unit produced
from the waste recycling plant in Athens, Greece
Association of Communities and Municipalities of the Attica Region (ACMAR), 1999.

Preliminary research on the installation of a mechanical recycling plant in the area
of Ano Liosia, Greece
Association of Communities and Municipalities of the Attica Region (ACMAR), 1999.

Development of a demonstration plasma gasification / vitrification unit for the treatment of hazardous
wastes
Life Programme DG XI, 1998-2002

Hazardous waste management plan on national level and development of technical specifications for the
management of hazardous waste and waste oils.
ETERPS Ministry of Environment, Regional Planning and Public Works, 1999-2002.

Safety Management Systems for Major Accidents Hazards in Small and Medium Enterprises,

SMMARTEN

DGXII, 1999-2001

Development of a methodology for the inventory of industrial wastewater at a national level

Ministry of Environment, Regional Planning and Public Works, 1999-2001

Development of an Integrated Scheme for the management of solid waste produced in Cyprus

Ministry of Environment, Regional Planning and Public Works, 2000

Strategic management scheme and technical specifications for the management of solid waste (hazardous and non hazardous) in Cyprus

Cypriot Ministry of Agriculture, Natural Resources and the Environment, 2000-2002

Development of Research activity regarding the waste management in Europe

European Environmental Agency, 2001-2004

Design, construction, and operation of a pilot plant for the composting of the liquid waste of oil-factory

Research Promotion Foundation of Cyprus, 2001-2003

Development and implementation of methodology for the management of industrial sludge which contains hazardous substances

Research Promotion Foundation of Cyprus, 2001-2003

Provision of advice services for the establishment of management system regarding packaging materials and their waste

Cypriot Ministry of Agriculture, Natural Resources and the Environment, 2001

Collection of data related to the waste produced by:

Constructions, demolitions and excavations

Mining and quarrying activities"

Eurostat, 2002-2003

"Preparation of a feasibility study for the management of hazardous waste in Armed Forces of Greece", General Headquarters of Air Forces of Greece, 2002

"Development of tools and guidelines for the promotion of the sustainable urban wastewater treatment and reuse in the agricultural production in the Mediterranean countries (MEDAWARE)", Euro-Mediterranean Partnership, MEDA projects, European Commission, 2003-2007 (www.uest.gr/medaware)

"Development and Implementation of an Integrated System for the Control and Monitoring of the Urban Wastewater Treatment Plants in Cyprus (LIFE-3rd Countries)", European Commission, 2003-2005

"Development of methods and tools for the collection of information related to generation and management of i) basic metals waste and ii) inorganic fertilizers waste", Eurostat, 2003-2004

"Implementation of the integrated prevention and pollution control Directive (IPPC) in Slovak Republic", Twinning Project, SK/02/IB/EN/02, 2004 – 2005

'Development of best management systems for high priority waste streams in Cyprus, KYPROS', LIFE 3rd-Countries Project, 2004- 2006 (www.uest.gr/kypros)

Investigation and optimization of systems employing zeolite and other minerals for environmental applications", Ministry of Education and Religions, Pythagoras Programme, 2004-2006

'Promotion and Implementation of Systems for the Production of High Quality Compost from Biodegradable Household Waste separated at Source, COMWASTE', LIFE Environment Project, 2003-2006 (www.uest.gr/comwaste)

"Integrated Product Policy in the Telecommunication Sector, IPP-TEL", LIFE Environment Project, 2004-2007 (<http://www.ipp-tel.gr/>)

"Starting with the promotion of IPP approach in Mediterranean countries", LIFE Environment Project, 2004- 2007 (<http://www.startipp.gr/>)

Sustainable Construction in Public and Private Works through IPP approach, LIFE Environment Project, 2005 – 2008, (www.uest.gr/suscon)

Promotion of integrated environmental and safety management practices for industry in the Kaliningrad Region European Commission, LIFE-3rd Countries, 2006 – 2008 (<http://www.esmak.ru/esmak/index-en.php>)

Design and Application of an Innovative Composting Unit for the Effective Treatment of Sludge and other Biodegradable Organic Waste in Morocco, LIFE-3rd Countries, 2006 – 2008 (www.uest.gr/Morocomp)

Implementation and enforcement of the environmental Acquis focussed on domestic waste

management – REPA Bacau, European Commission, Twinning Project RO 2004/IB/EN/06, 2006 – 2007

The Mediterranean Islands sustainable Iso-based plan “2006-2015”, MED_ISOLAE, Interreg Project, European Commission, European Regional Development Fund, 2006-2008

Management and Valorisation of Solid Domestic Waste for the Small Urban Communities in Morocco, LIFE-3rd Countries, 2007 – 2009

Publications

Publications in International Journals

R.P. Townsend, M. Loizidou

Ion exchange properties of natural clinoptilolite, ferrierite and mordenite: 1. Sodium - Ammonium equilibria. *Zeolites*, 4, p.p. 191-195, (1984).

M.Loizidou, R.P. Townsend

Ion exchange properties of natural clinoptilolite, ferrierite and mordenite: 2. Lead - Sodium and Lead - Ammonium equilibria. *Zeolites*, 7, p.p. 153-159, (1987).

M. Loizidou, R.P.Townsend

Exchange of cadmium into the sodium and ammonium forms of the natural clinoptilolite, mordenite and ferrierite.

J.C.S. Dalton Transactions, p.p.1911-1916, (1987).

E.G. Kapetanios, M. Loizidou, E. Malliou

Heavy metal levels and their toxicity in compost from Athens household refuse. *Environmental Technology Letters*, Vol.9, p.799-802, (1988).

E. Malliou, M. Malamis, P.O. Sakellaridis

Lead and Cadmium removal by ion exchange.

Water Science and Technology, Vol.25, No.1 pp.133- 138, (1992).

K.J. Haralambous, E. Malliou, M. Malamis

The use of zeolite for ammonium uptake

Water Science and Technology, Vol.25, No.1, pp.139- 145, (1992).

K. Kokovides, M. Loizidou, K.J. Haralambous, T. Moropoulou

Environmental study of the marinas. Part I. A study on the pollution in the marinas area.

Environmental Technology Letters, Vol. 13, pp. 239- 244, (1992).

M. Loizidou, K.J. Haralambous, P.O. Sakellariadis
Environmental study of the marinas. Part II. A study on the removal of metals from the marinas sediments.

Environmental Technology Letters, Vol.13, pp.245-252, (1992).

M. Loizidou, E. G. Kapetanos

Study on the gaseous emissions from a landfill.

The Science of the Total Environment, 127(3), pp 201-210, (1992).

M. Loizidou, N. Vithoukas, E. G. Kapetanos

Physical - chemical treatment of leachate from landfills.

J. Environmental Science and Health, Part A, Vol.27, No.4, p.p. 1059-1073 (1992).

M. Loizidou, K. J. Haralambous, A. Loukatos, D. Dimitrakopoulou.

Natural Zeolites and their Exchange Behavior towards Chromium.

J. Envir. Sci. Health, Part A, Vol.27, No.7, p.p. 1759-1769 (1992).

M. Loizidou, A. Lagoudi, M. Petrakis.

Nitrogen Dioxide levels in the Indoor Environment of a Hospital.

Fresenius Envir. Bull., 1: pp.676-681, (1992).

M. Loizidou, E.G. Kapetanos, A. Papadopoulos

Assessment of leachate characteristics and its treatability.

Fresenius Environ. Bull. 1, pp. 748-753, (1992).

C. Constantopoulou, Z. Loizos, M. Loizidou and N. Spyrellis

Thorium uptake by Natural and Synthetic Zeolites

Advanced Materials and Processes, The Institute of Materials, London, 3, pp.170-175, (1992).

E.G. Kapetanos, M. Loizidou

Heavy Metal Removal by Zeolites in tomato Cultivation using Compost

Acta Horticulturae 301, pp.63-71, (1992).

A. Loukatos, M. Loizidou and N. Spyrellis

Ion Exchange Behavior of Mercury using Natural and Synthetic Zeolites

Fresenius Environmental Bulletin, 2(5), (1993).

- M. Loizidou, A. Papadopoulos, E.G. Kapetanios
Application of chemical oxidation for the treatment of refractory substance in leachates.
Environ. Sci. Health, A 28 (2), pp. 385-394, (1993).
- S. Anagiotou, A. Papadopoulos, M. Loizidou.
Leachate Treatment by Chemical and Biological Oxidation.
J. Env. Science and Health, A 28 (1), pp.21-35, (1993).
- P. Papachristou, K.J.Haralambous, M. Loizidou, N.Spyrellis
Studies on the Nickel Removal from Aqueous Solutions.
J. Environ. Sci. Health, A 28 (1), pp.135-142 (1993).
- E.G. Kapetanios, M. Loizidou, G. Valkanas
Compost production from domestic refuse.
Bioresource Technology, 44, pp.13-16, (1993).
- K. Metropoulos, E. Malliou, M. Loizidou and N. Spyrellis
Comparative Studies between Synthetic and Natural Zeolites for Ammonium Uptake
Envir. Sci. Health, Part A, 28(7), pp.1507-1518, (1993).
- M. Loizidou, E.G. Kapetanios
Effect of leachate from landfills on underground water quality.
The Science of the Total Environment, 128, pp.69-81, (1993).
- C. Constantopoulou, M. Loizidou, Z. Loizos and N. Spyrellis
Thorium Equilibria with the Sodium Form of Clinoptilolite and Mordenite
J. of Radioanalytical and Nuclear Chemistry, Vol. 178(1), p.p. 143-151 (1994).
- A. Argiriou, D. N. Asimakopoulos, C. Balaras, E. Dascalaki, A. Lagoudi, M. Loizidou, M. Santamouris,
I. Tselepidaki
On the energy consumption and Indoor Air Quality in Office and Hospital Buildings in Athens, Hellas
Energy Conserv. Mgmt., Vol 35, No. 5, pp. 385-394, (1994).
- E. Malliou, M. Loizidou and N. Spyrellis
Uptake of Lead and Cadmium by Clinoptilolite
The Science of the Total Environment, Vol. 49, pp. 139-144, (1994).
- C. Savvides, A. Papadopoulos, K.J. Haralambous, M. Loizidou

Sea Sediments contaminated with Heavy Metals - Metal Speciation and Removal.
Water Science and Technology, Vol.32, No.9-10, pp65-73, (1995).

A. Papadopoulos, E.G. Kapetanios, M. Loizidou

Studies on the use of clinoptilolite for ammonia removal from the landfill leachates
J.Environ. Sci. Health A, Vol. 31, (1), pp. 211-220, (1996).

A. Lagoudi, M. Loizidou, D.N. Asimakopoulos

Volatile organic compounds in office buildings. Part I: Presence of VOCs in the indoor air
Indoor and built Environment, Vol. 5, (6), pp.341-347, (1996).

A. Lagoudi, M. Loizidou, D.N. Asimakopoulos

Volatile organic compounds in office buildings. Part II: Identification of pollution sources in indoor air.
Indoor and built Environment, Vol. 5, (6), pp.348-354, (1996).

A. Lagoudi, M. Loizidou, M. Santamouris, D.N. Asimakopoulos

Symptoms experienced environmental factors and energy consumption in office buildings.
Energy and Buildings, Vol. 24, pp.237-243, (1996).

A.G. Vlyssides, D.L. Bouranis, M. Loizidou and G. Karvouni

Study of a demonstration plant for co-composting of olive oil processing wastewater and solid residue
Bioresource Technology, Vol. 56, (2-3), p. 187-193, (1996).

D.Papadopoulos, C.Pantazi, C.Savvides, K.J.Haralabous, A.Papadopoulos, M.Loizidou

A study on heavy metal pollution in marine sediments and their removal from dredged material
J.Environ. Sci. Health, Vol. A32, No. 2, pp. 347-360, (1997).

A. Papadopoulos, C. Savvides, M. Loizidis, K.J. Haralambous and M. Loizidou

An assessment of the quality and treatment of detergent wastewater
Water Science and Technology, Vol.36, N. 2-3, pp. 377-381, (1997).

D.Fatta, K.J.Haralabous, A.Papadopoulos, M.Loizidou, N.Spyrellis

An evaluation of the pollution level in Saronic Gulf waters
J.Environ. Sci. Health, Vol.32, (8), pp.2213-2228, (1997).

A.G. Vlyssides, M. Loizidou

A mathematical approach for the evaluation of nutrient elution Kinetics from organic soil conditioners
Commun. Soil Sci. Plant Anal., 28, 6-8, pp. 509-520, (1997).

A.G. Vlyssides, C.J. Israilides, M. Loizidou, G. Karvouni and M. Mourafeti
Electrochemical treatment of vinasse from beet molasses
Water Science and Technology, Vol. 36, No. 2-3, pp. 271-278, (1997).

D. Fatta, C. Voscovos, A.J. Haralambous, M. Loizidou
A Study on the groundwater quality in the surroundings of a landfill
J. Environ. Sci. Health, Vol.32, (8), pp.2275-2287, (1997).

N. Patsakis, C. Savvides, C.J. Haralambous, M. Loizidou
Chemical Partitioning of metals in thermally treated sewage sludge
Environmental Technology, Vol. 19, pp 331-338, (1998).

D. Fatta, P. Saravanos, M. Loizidou
Industrial Waste Facility Site Selection Using GIS Techniques
International Journal of Environmental Science, Vol. 56, pp.1-14, (1998).

A. Papadopoulos, D. Fatta, M. Loizidou
Treatment of Stabilized Landfill Leachate by Physico-Chemical and Bio-Oxidation Processes
J. Environ. Sci. Health, Vol. 33, No4, pp. 651 – 670 (1998).

D. Fatta, C. Voscovos, A. Papadopoulos, M. Loizidou
Leachate Quality of a MSW Landfill
J. Environ. Sci. Health, Vol.33, No5, pp. 749 – 763 (1998).

D. Fatta, A. Papadopoulos, M. Loizidou
MSW Landfill Leachate Quality and Quantification of Water Balance Parameters after Site Reclamation
Fresenius Environmental Bulletin, 7/5-6, (1998).

A.G. Vlyssides, M. Loizidou, K. Gimouhopoulos and A. Zorpas
Olive processing waste production and their characteristics in relation to olive oil extraction methods
Fresenius Environmental Bulletin, 7, pp. 308-313, (1998)..

C. Naoum, A. Zorpas, C. Savvides, K.J. Haralambous and M. Loizidou
Effects of Thermal and Acid Treatment on the Distribution of Heavy Metals in Sewage Sludge
J. Environ. Sci. Health, Vol. A33, No8, pp. 1741-1751, (1998).

A A. Zorpas, A. G. Vlyssides and M. Loizidou
Physical and chemical characterization of anaerobically stabilized sewage sludge
Fresenius Environmental Bulletin, Vol. 7, pp. 502-508, (1998).

A.A. Zorpas, V. Stamatis, G. A. Zorpas, A. G. Vlyssides, M. Loizidou,
Compost Characteristics from Sewage Sludge and Organic Fraction of Municipal Solid Waste
Fresenius Environmental Bulletin, Vol. 8, pp.154-162, (1999).

D. Fatta, A. Papadopoulos, M. Loizidou
A Study on the Landfill Leachate and its Impact on the groundwater quality of the area
Environmental Geochemistry and Health, Vol. 21, pp. 175-190, (1999).

A A. Zorpas, A. G. Vlyssides and M. Loizidou
Dewater Anaerobically Stabilized Primary Sewage Sludge Composting. Metal Leachability and Uptake
by Natural Clinoptilolite
Communications in Soil Science and Plant Analysis, Vol. 30(11/12), pp. 1603-1613, (1999).

G. Vlyssides, M. Loizidou, A.A Zorpas,
Characteristics of solid residues from olive oil processing as bulking material for co-composting with
industrial wastewater
Journal Environmental Science and Health Part A34(3), pp. 737-748, (1999).

V. I. Igglezakis, N.A. Diamantis, M.D. Loizidou and H.P. Grigoropoulou
Effect of pore clogging on kinetics of lead uptake by clinoptilolite
Journal of colloid and interface Science, 215, pp. 54-57, (1999).

A.G. Vlyssides, M. Loizidou, P.K. Karlis, A.A. Zorpas
Electrochemical oxidation of a textile dye wastewater using a Pt/Ti electrode
Journal of Hazardous Materials, Vol. 70 (1-2), pp. 41-52, (1999).

Inglezakis V.J., Diamandis N.A., Loizidou M.D. and Grigoropoulou H.P.
Effect of pore clogging on kinetics of lead uptake by clinoptilolite
Journal of Colloid and Interface Science, 215, 54-57 (1999)

D.Fatta, C. Naoum, P. Karlis and M. Loizidou
Numerical Simulation of Flow and Contaminant Migration at a Municipal Landfill
Journal of Environmental Hydrology (JEH), paper 16, Vol.8, December, (2000).

A. Zorpas, T. Constantinides, A.G. Vlyssides, K.J. Haralambous, M. Loizidou,
Heavy Metal Uptake by Natural Zeolite and Metal Partitioning in Sewage Sludge Compost
Bioresource Technology, Vol. 72, (2), pp. 113-119, (2000).

A.G. Vlyssides, D. Papaioannou, M. Loizidou, P.K. Karlis, A.A. Zorpas
Testing an electrochemical method for treatment of textile dye wastewater
Waste Management, Vol. 20, pp. 569-574 (2000)

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