

Curriculum vitae



Personal information

Surname(s) / First name(s)

KOTRONAROU ANASTASIA

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Nationality(-ies)

Hellenic (Greek)

Date of birth

30-5-1961

Gender

Female

Work experience

Dates

9/99 - onwards

Occupation or position held

Research scientist

Main activities and responsibilities

Responsible/ project manager for research projects in the area of Environmental Management & Planning - Impact Assessment (Field studies/ Monitoring/ Modeling – air pollution, noise & vibrations), Water Resources Management, Environmental Law, implementation and enforcement (15 projects; NOA budget 1,5 M€).. Responsible for the setting-up and upgrading of the infrastructure and of the operational capacity of the Atmospheric Chemistry Laboratory (ACL) of IERSD, 1999-2002; active participation in the operation and upgrading of ACL, 2003- 2006.

Name and address of employer

Institute for Environmental Research & Sustainable Development, National Observatory of Athens (NOA), I. Metaxa & Vas. Pavlou, P. Penteli, 152 36 Penteli, Greece

Type of business or sector

Research Centre

Dates

4/98-8/99

Occupation or position held

Head of the Environment Department

Main activities and responsibilities

Responsible for the organisation of the Department and project manager for a number of projects concerning environmental impacts/ planning/ permitting and promotion of RES and Biomass

Name and address of employer

Centre for Renewable Energy Sources (CRES), Pikermi, Greece

Type of business or sector

Research Centre

Dates	1/93-8/99
Occupation or position held	Consultant
Main activities and responsibilities	Environmental projects, environmental impact studies, projects in the area of renewable energy sources. Project manager/team leader, or consultant/member of the project team for over 50 projects, including a large number of research programmes (most of them involving RES), hydraulic design projects, and over 20 Environmental Impact Studies, for the Environmental Permitting of a variety of public and private projects and activities. Among others, projects include hydraulic works, hydroelectric plants, dams, irrigation projects, etc.
Name and address of employer	Self-employed (external collaborator at CRES, NOA, part-time Univ. prof. – see below)
Type of business or sector	Private (+collaboration /temp. positions with research organisations; see below)
Dates	1/96-4/98
Occupation or position held	1. <i>Scientific collaborator at CRES</i>
Main activities and responsibilities	Participation, as a team member or as the project manager, in a number of projects of the Information Division (including GIS applications for supporting the siting of RES installations, the development of Geographic Databases for urban energy planning, Reports on the state of Renewables in Greece, Development of Databases and Data collection in the framework of IEA and EUROSTAT projects, etc.) – collaboration with the Dissemination/Promotion of RES Division.
Occupation or position held	2. <i>Scientific collaborator at NOA</i>
Main activities and responsibilities	Participation in research projects on water resources, atmospheric research and climate change. Among others, project manager of the INSPECTORATE project (study for the set up of the Greek mechanism for implementation and enforcement of Environmental Legislation in Greece), investigator for a study for development of guidelines for environmental impact assessments for hydroelectric plants, etc.
Occupation or position held	3. <i>Lecturer at the University of Thessalia</i>
Main activities and responsibilities	Courses: "Liquid waste management and Biological treatment of wastewater" (1996-1999), and "Environmental Impact Assessments" (1999). Also, participation in research.
Name and address of employer	Dep. of Physical Planning and Regional Development, Univ. of Thessalia, Volos, Greece
Dates	1/93-12/95
Occupation or position held	1. <i>Project manager</i>
Main activities and responsibilities	Over 30 Environmental, Hydraulic, Water Resources, Sanitation and Health projects
Name and address of employer	Epsilon International, Athens, Greece
Occupation or position held	2. <i>Scientific collaborator</i>
Main activities and responsibilities	Participation in research projects (including "Environmental Economics with emphasis on Agriculture, Transport and Energy", EC TEMPUS)
Name and address of employer	National Technical University, Athens.(NTUA)
Dates	10/91-12/92

Occupation or position held	Postdoctoral Research Fellow
Main activities and responsibilities	Research in the area of Atmospheric Chemistry (responsible for a project on the role of trace metals in the oxidation of atmospheric SO ₂)
Name and address of employer	Swiss Federal Institute for Water Resources and Pollution Control (EAWAG), Switzerland

Dates	9/87-8/91
Occupation or position held	Teaching assistant & Research assistant
Main activities and responsibilities	Courses: Aquatic Chemistry, Chemical/ Biochemical Engineering for Water Quality control, Introductory course to Environmental Engineering Research on water and wastewater technologies; innovative (ultrasound) and traditional (catalysts) methods for destruction of organic and inorganic compounds
Name and address of employer	California Institute of Technology (CALTECH), USA

Dates	5/85-8/87
Occupation or position held	Consultant
Main activities and responsibilities	Involved in Sanitary & Hydraulic Engineering studies, and research projects on water resources at the NTUA
Name and address of employer	Self-employed

Education and training

Dates	9/1994- 9/1997
Title of qualification awarded	Law Degree
Name and type of organisation providing education and training	Law School of the University of Athens, Athens, Greece

Dates	9/1987-8/1991
Title of qualification awarded	Ph.D.
Principal subjects/Occupational skills covered	Environmental Engineering Science
Name and type of organisation providing education and training	California Institute of Technology, Pasadena, USA

Dates	9/1985 – 9/1986
Title of qualification awarded	M.Sc.
Principal subjects/Occupational skills covered	Public Health Engineering
Name and type of organisation providing education and training	Imperial College, University of London, London, England,

Dates	9/1979 – 3/1985
Title of qualification awarded	Civil Engineering Degree
Principal subjects/Occupational skills covered	Hydraulic Engineering & Environmental Sector
Name and type of organisation providing education and training	National Technical University of Athens, Athens, Greece (Dept. of Civil Engineering),

Personal skills and competences

Mother tongue(s)
Other language(s)
Self-assessment
European level (*)

English
French
Spanish
German

Greek

Understanding		Speaking				Writing			
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	B2	Independent user
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	B1	Independent user	A2	Basic user	A2	Basic user	A2	Basic user

(*) Common European Framework of Reference (CEF) level

Social skills and competences

Team work (involved in many multi-disciplinary and multi-national research projects and EIAs, member of a number of work-teams, Committees and panels, member of sailing cru for years, involved in sports in high school –member of basketball & volleyball team-).

Good ability to adapt to multicultural environments (studied and worked abroad)

Organisational skills and competences

Very good experience in project and team management (project manager for over 60 projects; involved in over 100 projects as a team member responsible for specific tasks or expert)

Technical skills and competences

Laboratory experience (analytic chemistry, wide range of instruments),
Fieldwork experience (air, noise and water monitoring, sampling, etc)
Modelling (use of a wide range of models/programmes)

Computer skills and competences

Scientific programming (Fortran, etc.), GIS, use of various programmes/applications

Additional information

Evaluator – expert

- External Expert Evaluator for the European Commission (for various calls, 2000-today) and Reviewer (2011-2012).
- External Expert Evaluator for the Greek Ministry of Development (2003-today).
- National Expert to the IST-KA1 -WP2: IST Applications for Transport and Environment, Working Party, 2000-2001.

Other scientific activities

- Organisation of workshops, conferences, trainings, etc. in the framework of EU and/or nationally funded projects, 1998-2002.
- Instructor in training seminars for engineers (Technical Chamber of Greece), and in Centers for professional training, 1995-1999.
- Reviewer for Scientific journals (1996-7: Environmental Science & Technology; 2003: Water Resources Research, Water, Air & Soil Pollution: Focus)

Awards & Distinctions

1987-91 Fulbright Foundation Fellowship.
1987,1989 EQL Hewlett Foundation & Haagen-Smit/Tyler Fellowship, CALTECH
1984 Technical Chamber of Greece Award for good performance in studies
1979-83 National Foundation for Fellowships Prizes, for performance in studies
1978 Award from Mathematical Society (for annual competition)

Projects

Project coordinator, scientist-in-charge and/or participant in over 100 projects financed by the European Commission, national Ministries and organizations, and the private sector; over 30 of them R&D projects co-funded by the European Commission under various EC programmes.

Environmental Impact Assessment (EIA) studies where Dr. Kotronarou was the project leader or an expert in the project team (for a variety of issues, such as noise, air emissions/air pollution, waste, water pollution and water management/hydrology) include a broad range of projects; transportation works, such as roads, airports, ports, and rail, hydraulic works such as reservoirs, dams, biological treatment plants, irrigation projects, energy projects, such as hydroelectric plants, etc.

Selected projects:

- Assessment of environmental noise within the scope of Directive 2002/49/EC for the Agglomeration of Patras, Greek Ministry for the Environment and Climate Change, NOA, 2013. (*Scientific Leader of the NOA project team*)
- Monitoring and reporting of noise, vibrations and atmospheric pollution in the broader area of the Rion – Antirion bridge, Greek Ministry for the Environment Physical Planning and Public Works, NOA, 2008-11. (*Scientific Leader/Project Coordinator*)
- Design of a Protocol of Information for the Economic Analysis of Water Use for the implementation of the Water Framework Directive 2000/60/EC in Cyprus Ministry of Agriculture, Natural Resources & Environment of Cyprus (EC Transition Facility funded project), NOA, 2006-7. (*Scientific Leader/Project Coordinator*)
- Supervision, monitoring and evaluation of the development of an integrated water monitoring programme and associated databases for the implementation of the Water Framework Directive 2000/60/EC in Cyprus Ministry of Agriculture, Natural Resources & Environment of Cyprus (EC Transition Facility funded project), 2006-2007. (*Scientific Leader/Project Coordinator*)
- Methodological Framework for Decision Support for the evaluation of the impacts from the introduction of BATs in the industry of Attica, Greek Ministry of Development, NOA, 2003-2005.
- Development of support tools for the identification and control of pollution from point sources, to conform to EC legal requirements, Greek Ministry for the Environment Physical Planning and Public Works, 2004-5. (*legal expert*).
- Monitoring of compliance with environmental conditions of the Rion – Antirion bridge (air quality, noise, vibrations), Ministry for the Environment Physical Planning and Public Works, NOA, 2005-2007. (*Scientific Leader/Project Coordinator*).
- Air quality monitoring of the Marcopoulo area, Attica and identification of main pollution sources, Municipality of Marcopoulo, NOA, 2004. (*Scientific Leader/ Project Coordinator*).
- Establishment and Operation of Permanent Infrastructure for the inspection of compliance with environmental permits in Cyprus (INSPECTORATE), Ministry of Agriculture, Natural Resources & Environment of Cyprus, NOA, 2002-3 (*Scientific Leader/ Project Coordinator*).
- IMPEL OLIVE OIL Project, Environment DG-Consejería de Medio Ambiente de la Junta de Andalucía, NOA, 2002-3. (*Scientific Leader/Coordinator of the NOA Team*).
- RUIOH: Relationship between Ultrafine and fine Particulate matter in Indoor and Outdoor air and respiratory Health, Quality of Life & management of living resources (QOL) Programme, DG Research, NOA, 2001-2005 (*Scientific Leader of the Project at NOA; NOA is partner in a consortium; coordinator is IRAS/Univ. Utrecht*).
- Integrated pollution control, compliance and enforcement of EU Environmental legislation to Industries (IPPC and non IPPC) of the food production/processing sector, IMPEL Project, Environment DG-Greek Ministry for the Environment Physical Planning and Public Works, NOA, 2000-2001. (*Scientific Leader/ Project Coordinator*)
- Development of the Cyprus Action Plan for the Reduction of Greenhouse Gas Emissions, Ministry of Agriculture, Natural Resources & Environment of Cyprus, NOA, 2001. (*team member*)
- Development of the infrastructure for the sampling of organic pollutants in the framework of the development and operation of the Atmospheric Chemistry Laboratory at NOA, General Secretariat for the Research, Greek Ministry for Development, NOA, 2000-2001. (*pr. manager*)
- WASSER: Utilization of groundwater desalination & Wastewater reuse in the water supply of

- seasonally-stressed regions, Environment & Climate Programme, DG Research, NOA, 1998-2001. (*project manager at NOA*)
- Strategic Planning and Management of Airports of Peloponissos and Western Greece, Greek Civil Aviation, Research Programme of the University of Thessalia, 1998-2000 (*expert on the environmental issues – preliminary environmental assessment of proposed airports*).
 - "15th Exchange Program for EU Inspectors in Greece, Autumn 1999", DG XI-Greek Ministry for the Environment Physical Planning and Public Works, NOA, 1999. (*pr. manager*)
 - Research project on Permitting and Environmental Impact Assessment of Hydroelectric plants, Public Power Corporation of Greece, University of Athens, NOA, 1999. (*team member*)
 - Environmental Impacts from the Use of Renewable Energy Technologies, DG XVII, THEMIE-B, ELFORES, CRES, 1998-9.
 - ENER-JURE: Legislation applicable to RES (*Section for Greece*), DG XVII, ALTENER, CRES, 1996-9.
 - TESSA: Quantification and Control of Toxic Metals Enriched Sub-micron Particles and selected Chlorinated Compound Emissions from Alternative Fuel-Fired Cement Kilns, DG XII-ENVIRONMENT, CRES, 1998-9.
 - Development of A Geographical Information System for the determination of the technico-economically exploitable RES potential in the Greek territory, Ministry for Development, CRES, 1998-9.
 - Regional Development Plan of the 6th Region of the Corfu Island, Local Development Association, 1998-9.
 - Hydraulic and Environmental Impact Study for the arrangement of the Agia Marina Torrent and measures for the upper part of the Viotikos Kifissos River, Region of Stereas Elladas, Greece, 1998-9.
 - Evaluation of the small surface reservoirs in Greek islands co-funded by EU, EC, ENVECO SA, 1998.
 - Environmental Impact Assessment of the dredging works at the broader sea area of Araxos, in the framework of the construction of the new Patras port, CHRISTIANI NIELSEN - TEGK - BACHY Ltd, 1998.
 - Environmental Impact Assessment of the dredging works at the Evinos estuary, in the framework of the construction of the new Patras port, CHRISTIANI NIELSEN - TEGK - BACHY Ltd. 1997.
 - Research programme for the investigation of the quality of the sediments in the area of the new Patras port, CHRISTIANI NIELSEN - TEGK - BACHY Ltd, 1997.
 - Establishment of the infrastructure for the inspection of compliance with environmental permits in the works and activities in Greece (INSPECTORATE), Greek Ministry of the Environment, NOA, 1996-7.
 - Development of a GIS to monitor the Energy Sector in the Mediterranean Basin, SYNERGY, CRES, 1997.
 - Environmental Impact Study of the waste water treatment plant of Aliveri, Prefecture of Sterea Ellada, 1997.
 - Environmental Impact Study of the waste water treatment plant of Sitia, Municipality of Sitia, 1997.
 - Study for the establishment of a common Centre for the Wastewater Treatment Plants of the Treatment Works of the Municipalities and the Hotels of the area of Halkidiki, Greece, ANETXA SA, 1996.
 - Environmental Impact Study of the new port of Sitia, Municipality of Sitia, 1996.
 - Environmental Impact Assessment of the Santorini airport, Civil Aviation Service, 1996.
 - Research programme for the estimation of the effect of forest fires in the increase of sediment load in the gorge of Rafina, Prefecture of Eastern Attica, 1996.
 - Integrated management of the ecosystem of Sperchios river, LIFE, NTUA Pref. of Continental Greece, 1995.
 - EIA of the Hydroelectric Project of Metsovitiko, Greek Public Power Corporation (PPC), Epsilon SA, 1995.
 - Environmental Impact Assessment of the Sitia airport, Greece, Municipality of Sitia, 1995.
 - Management Plan for the River of Corfu, Periferia of Ionian Islands, Epsilon International SA, 1994.
 - Management Plan for the creation and conservation of a biotope at the Delta of the river of Corfu,

Water Supply and Sanitation Public Corporation of Corfu, Epsilon International SA, 1994.

- Environmental Impact Study of the Valtos irrigation project, Greek Min. for Environment, Epsilon SA, 1994.
- Environmental Economics with emphasis on Agriculture, Transport and Energy, EC TEMPUS, NTUA, 1994.
- Ministry of National Economy (ELANET): Statistica. Set-up and preparation of an on-line database for Greece. Data classification under the following main sectors: Economy, Sociology, Industry-Energy-Infrastructure, Agriculture-Fisheries-Forests, Commerce, Services-Transport, Environment, Various, 1994.
- ENVIRON: Environmental Benefits and Impacts of Advanced Communications, ENVIRONMENT & CLIMATE, DGXIII, Epsilon SA, 1994.
- MED-NPS: AVI-CT93-0006 Mediterranean non-point sources of pollution. Case study: Alexandria, Egypt (MED-NPS), AVICENNE, DGXII, Epsilon International SA, 1994.
- MEDSPA: Coastal Zone Management of Salamina Island, Greece, CEC DG XI, Epsilon Int. SA, 1994.
- Environmental Impact Assessment of the airport of Chania, Civil Aviation Service, 1994.
- EIA of the new high – speed railway Athens – Thessaloniki, Platamon Section, Greek Railways Org., 1994.
- Development of DoD Environmental Standards - Italy, Spain, Greece, US Navy, Subcontracting for Woodward-Clyde International, Epsilon International SA, 1993-4.
- Environmental Impact of Small Hydropower Plants, CEC, Epsilon International SA, 1993.
- Metals in Atmospheric Water, EAWAG, Switzerland, 1991-92.
- Speciation of Iron in Atmospheric Water, EAWAG, Duebendorf, Switzerland, 1991-92.
- Physicochemical control of Hydrogen Sulfide in Sewers, LACSD, CALTECH, Los Angeles, 1991.
- Application of Transition Metal Catalysis for the control of Hydrogen Sulfide, LACSD, CALTECH, 1990.
- Design Study of the Treatment Plant of Greater Agrinion Area", Pref. of Etoloakarnania, YDROMEDON, 1987.
- Design study of the Water Supply System and the Waste Water Collection System for the Municipality of Vasilika, Island of Lesbos", Public Corporation of Water Supply and Sanitation of Lesbos, 1986-7.
- Pinios River Basin Quality Simulation and Water Resources Management programme, NTUA, 1986-7.

Publications

Co-authored 40 papers in refereed journals and international conference proceedings (full papers reviewed). Total number of citations to all refereed papers is ~800; h-index 12 (source Scopus). Over 130 technical publications–reports, in the frame of projects financed by the EC, national Ministries and organizations, and the private sector (over 100 projects, 30+ R&D).

Selected Publications

- Chalbot, Marie-Cecile; Lianou, Maria; Vei, Ino-Christina; Kotronarou, Anastasia; Kavouras, Ilias G.* (2013). Spatial attribution of sulfate and dust aerosol sources in an urban area using receptor modeling coupled with Lagrangian trajectories. *Atmospheric Pollution Research*, Volume 4, Issue 3, Pages 346-353, July 2013.
- Lianou, M., Chalbot, M*. -, Vei, I. -, Kotronarou, A., Kavouras, I. G., Hoek, G., Hameri, K., Harrison, R. M. (2013). The impact of wind on particle mass concentrations in four european urban areas. *Global Nest Journal*, Volume 15, Issue 2, Pages: 188-194, Published: June 2013.
- Kavouras, I. G.*; Lianou, M.; Chalbot, M. -C.; Vei, I. C.; Kotronarou, A.; Hoek, G.; Hameri, K.; Harrison, R. M. (2013). Quantitative determination of regional contributions to fine and coarse particle mass in urban receptor sites. *Environmental Pollution*, Volume: 176 Pages: 1-9 DOI: 10.1016/j.envpol.2013.01.004 Published: MAY 2013.
- Gini, M.; Lianou, M.; Chalbot, M. C.*; Kotronarou, A.; Kavouras, I. G.; Helmis, C. G. (2013). *Archives of Environmental Contamination and Toxicology*, Volume: 64 Issue: 3 Pages: 347-356 DOI: 10.1007/s00244-012-9844-6 Published: APR 2013.
- Chalbot, Marie-Cecile; Vei, Ino-Christina; Lianou, Maria; Kotronarou, Anastasia; Karakatsani, Anna;

- Katsouyanni, Klea; Hoek, Gerard; Kavouras, Ilias G. (2012). Environmental tobacco smoke aerosol in non-smoking households of patients with chronic respiratory diseases. *Atmospheric Environment*, Volume: 62 Pages: 82-88 DOI: 10.1016/j.atmosenv.2012.07.086 Published: DEC 2012.
- Karakatsani, Anna; Analitis, Antonis; Perifanou, Dimitra; Ayres, Jon G.; Harrison, Roy M.; Kotronarou, Anastasia; Kavouras, Ilias G.; Pekkanen, Juha; Hameri, Kaarle; Kos, Gerard P. A.; de Hartog, Jeroen J.; Hoek, Gerard; Katsouyanni, Klea (2012). Particulate matter air pollution and respiratory symptoms in individuals having either asthma or chronic obstructive pulmonary disease: a European multicentre panel study. *Environmental Health*, Volume: 11 Article Number: 75 DOI: 10.1186/1476-069X-11-75 Published: OCT 5 2012.
 - Manney, Sarah; Meddings, C. M.; Harrison, R. M.; Mansur, A. H.; Karakatsani, A.; Analitis, A.; Katsouyanni, Klea; Perifanou, D.; Kavouras, I. G.; Kotronarou, N.; de Hartog, J. J.; Pekkanen, J.; Hameri, K.; ten Brink, Harry; Hoek, Gerard; Ayres, Jon G. (2012). Association between exhaled breath condensate nitrate plus nitrite levels with ambient coarse particle exposure in subjects with airways disease. *Occupational and Environmental Medicine*, Volume: 69 Issue: 9 Pages: 663-669 DOI: 10.1136/oemed-2011-100255 Published: SEP 2012.
 - Lianou, Maria; Chalbot, Marie-Cecile; Kavouras, Ilias G.; Kotronarou, Anastasia; Karakatsani, Anna; Analytis, Antonis; Katsouyanni, Klea; Puustinen, Arto; Hameri, Kaarle; Vallius, Marko; Pekkanen, Juha; Meddings, Claire; Harrison, Roy M.; Ayres, Jon G., ten Brink, H., Kos, G., Meliefste, K., de Hartog, J., Hoek, G. (2011). Temporal variations of atmospheric aerosol in four European urban areas. *Environmental Science and Pollution Research*, Volume: 18 Issue: 7 Pages: 1202-1212 DOI: 10.1007/s11356-011-0471-y Published: AUG 2011.
 - Koussis, A. D., Georgopoulou, E., Kotronarou, A., Lalas, D. P., Restrepo, P., Destouni, G., Prieto, C., Rodriguez, J. J., Rodriguez-Mirasol, J., Cordero, T. and Gomez-Gotor, A. (2010). Cost-efficient management of coastal aquifers via recharge with treated wastewater and desalination of brackish groundwater: general framework. *Hydrological Sciences Journal*, Volume: 55 Issue: 7 Pages: 1217-1233 DOI: 10.1080/02626667.2010.512467 Published: 2010.
 - J J de Hartog, J G Ayres, A Karakatsani, A Analitis, H t. Brink, K Hameri, R Harrison, K Katsouyanni, A Kotronarou, I Kavouras, Cg Meddings, J.ij Pekkanen, G Hoek (2010). Lung function and indicators of exposure to indoor and outdoor particulate matter among asthma and COPD patients. *Occupational and Environmental Medicine*, Volume: 67 Issue: 1 Pages: 2-10 DOI: 10.1136/oem.2008.040857 Published: JAN 2010.
 - Hoek G, Kos G, Harrison R, de Hartog J, Meliefste K, ten Brink H, Katsouyanni K, Karakatsani A, Lianou M, Kotronarou A, Kavouras I, Pekkanen J, Vallius M, Kulmala M, Puustinen A, Thomas S, Meddings C, Ayres J, van Wijnen J, Hameri K. (2008). Indoor-outdoor relationships of particle number and mass in four European cities. *Atmospheric Environment*, Volume: 42 Issue: 1 Pages: 156-169 DOI: 10.1016/j.atmosenv.2007.09.026 Published: JAN 2008.
 - Puustinen, A., Hämeri, K., Pekkanen, J., Kulmala, M., de Hartog, J., Meliefste, K., ten Brink, H., Kos, G., Katsouyanni, K., Karakatsani, A., Kotronarou, A., Kavouras, I., Meddings, C., Thomas, S., Harrison, R., Ayres, J. G., van der Zee, S., Hoek, G. (2007). Spatial variation of particle number and mass over four European cities. *Atmospheric Environment*, Volume: 41 Issue: 31 Pages: 6622-6636 DOI: 10.1016/j.atmosenv.2007.04.020 Published: OCT 2007.
 - Hoek G, Ten Brink H, Katsouyanni K, Kotronarou A, Pekkanen J, Hameri K, Harrison R (2006). The relationship between central site, home outdoor and indoor concentrations of fine and ultratrate particles: RUIOH study, *Epidemiology*, Volume: 17 Issue: 6 Supplement: S Pages: S459-S459 DOI: 10.1097/00001648-200611001-01232 Published: NOV 2006.
 - Prieto, Carmen; Kotronarou, Anastasia; Destouni, Georgia (2006). The influence of temporal hydrological randomness on seawater intrusion in coastal aquifers. *Journal of Hydrology*, Volume: 330 Issue: 1-2 Pages: 285-300 DOI: 10.1016/j.jhydrol.2006.03.024 Published: OCT 30 2006.
 - C. K. Kokkinou, A. Kotronarou, P. Skittides, G.A. Vokas (2005). Design of an Environmental Inspection Agency for Effective Enforcement in Cyprus, *IASME TRANSACTIONS*, Issue 4, Volume 2, pp 590-595, ISSN 1790-031X, WSEAS publication, Published: 2005.
 - Vlyssides A, Barampouti EM, Mai S, Arapoglou D, Kotronarou A, Degradation of methylparathion in aqueous solution by electrochemical oxidation, *Environmental Science and Technology*, 2004, 38 (22), pp. 6125-6131.
 - Anastasia Kotronarou, Elena Georgopoulou, Antonis Koussis, 2002. "The use of decision support systems for water resources management: advantages and limitations". *Proceedings of the Int. Conference Protection and Restoration of the Environment VI*, Skiathos, Greece, Volume III, A. G. Kungolos et al (Eds), pp. 167-174.

- Anastasia Kotronarou and Katerina Iakovidou, 2002. "Implementation and Enforcement of Environmental Legislation in Greece". *Proceedings of the Int. Conference Protection and Restoration of the Environment VI*, Skiathos, Greece, Volume III, A. G. Kungolos et al (Eds), pp. 1489-1496.
- A.D. Koussis, A. Kotronarou, G. Destouni, C. Prieto. "Intensive GW development in coastal zones and small islands" in "Groundwater Intensive Use: Challenges and Opportunities", Ramon Llamas and Emilio Custodio Eds, Madrid, 2001.
- Iakovidou-Anastasiadou, Katerina and Kotronarou, Anastasia. "The IMPEL Food Project: Environmental Compliance and Enforcement to Selected Sub-Sectors of the European Food Industry". *Proceedings of the Sixth International Conference on Environmental Compliance and Enforcement* April 15-19, 2002, Costa Rica, Volume I, pp. 137-146, International Network for Environmental Compliance and Enforcement (INECE).
- Elena Georgopoulou, Anastasia Kotronarou, Antonis Koussis, Pedro J. Restrepo, Antonio Gomez-Gotor, Juan J. Rodriguez Jimenez. "A methodology to investigate brackish water desalination coupled with aquifer recharge by treated wastewater as an alternative strategy for water supply in Mediterranean areas", *Desalination* 136 (2001), 307-315, Elsevier Science B.V.
- Chatziathanassiou A., Sioulas K., Karapanagiotis N., Boukis I., Kotronarou A. "Environmental Impacts from the Use of Bio-Energy Technologies". *Proceedings of 1st World Conference on Biomass for Energy & Industry*, Sevilla, Spain, 5-9 June 2000, James & James (Science Publishers) Ltd, 2001, Volume I, Pages 123-126.
- Kotronarou A. and M. R. Hoffmann. The Chemical Effects of Collapsing Cavitation Bubbles, Mathematical modeling. In "*Aquatic Chemistry Interfacial and Interspecies Processes*", C. P. Huang, C.R.O' Melia, J.J. Morgan (Eds), *Advances in Chemistry Series 244*, American Chemical Society, Washington, DC, 1995.
- Kotronarou A. Aquatic Chemistry. In "*Selected topics of Environmental Management*", Goulandri Museum of Natural History, 1995.
- Kotronarou, A.; Sigg, L. Fe-catalyzed SO₂ Oxidation in Fogwater: the Role of Fe(II) and the Effect of Organic Ligands, *Environmental Science and Technology*, 1994, 27,2725.
- Kotronarou, A; Mills, J.; Hoffmann, M.R. Oxidation of Hydrogen Sulfide in Aqueous Solutions by Ultrasonic Irradiation, *Environmental Science and Technology*, 1992, 26.
- Kotronarou, A.; Mills, J.; Hoffmann, M.R. Decomposition of Parathion by Ultrasonic Irradiation in Aqueous solutions, *Environmental Science and Technology*, 1992 26, 1460.
- Kotronarou A.; Sigg, L. Redox Speciation of Iron in Atmospheric Water. Presented in the Environmental Sciences: Water section of *Gordon Research Conference*, June 15-19, 1992, New Hampton School, New Hampshire.
- Kotronarou, A.; Hoffmann, M.R. Catalytic Autoxidation of Hydrogen Sulfide in Wastewater, *Environmental Science and Technology*, 1991,25,1153.
- Kotronarou, A.; Hoffmann, M.R. Peroxymonosulfate: An alternative to hydrogen peroxide for the control of hydrogen sulfide, *Journal of Water Pollution Control Federation*, 1991, 63, 9.
- Kotronarou, A.; Mills, J.; Hoffmann, M.R. Ultrasonic Irradiation of p-Nitrophenol in Aqueous Solution, *Journal of Physical Chemistry*, 1991,95,3638.