

CURRICULUM VITAE

Family Name: KOUKOUZAS
First Name: Nikolaos
Date of Birth: 14/10/1964
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PRESENT POSITION

Deputy Director of CERTH/ISFTA (Centre for Research and Technology Hellas/ Institute for Solid Fuels Technology and Applications, supervises a team of 40 scientists with offices in Ptolemais, Thessaloniki and Athens, Greece.

Director of Research of CERTH/ISFTA (Centre for Research and Technology Hellas/ Institute for Solid Fuels Technology and Applications. Project management and research on fossil fuel characterization, combustion, emissions, and applications

EDUCATION

<i>Date</i>	From 1991 to 1995
<i>Degree(s) or Diploma(s) obtained</i>	Doctor of Philosophy (Ph.D.)
<i>Institution</i>	University of Leicester, England
<i>Date</i>	From 1990 to 1991
<i>Degree(s) or Diploma(s) obtained</i>	Master of Science in Industrial Mineralogy
<i>Institution</i>	University of Leicester, England
<i>Date</i>	From 1983 to 1987
<i>Degree(s) or Diploma(s) obtained</i>	Ptychio Economic Geology
<i>Institution</i>	National University of Athens, Greece

SCHOLARSHIPS

1991 – 1994

National Scholarships' Foundation

1990 - 1991

National Scholarships' Foundation

PROFESSIONAL EXPERIENCE

10/2003-present

Deputy Director of the Institute for Solid Fuels Technology and Applications,
Centre for Research and Development Hellas, Thessaloniki, Greece

and Director of Research of the Institute for Solid Fuels Technology and Applications,
Centre for Research and Development Hellas, Thessaloniki, Greece

Management of R&D Projects

10/1999 – 09/2003

Technical Manager / Scientific Officer of the European Commission / DG Energy and Transport,
Rue de la Loi 200, B-1049 Brussels, Belgium

Management of ECSC, THERMIE and ENERGIE environment and energy related projects (around 70 Demonstration and Dissemination projects). Responsibility for the CARNOT Programme and management of CARNOT projects. Participation in several evaluations of the 5th FP Programme. Participation in various Committees of the EC for energy and environment related topics. Technical Audits of the projects (over 30 site visits) and participation in Financial Audits. Keynote speeches in Conferences and Workshops.

1995-1999

Project Manager of the Centre for Solid Fuels Technology and Applications

Project management and research on fossil fuel characterization, combustion, emissions, and applications

1996-1997

Professor of Air Force Academy, Department of Engineering, Tatoi, Athens, Greece

Lectures on Mineralogy, Petrology and Geology

1995-1996

Associate Professor in Technological Educational Institute (TEI), Kozani, Greece

Lectures on Economic Geology

1995-1996

Researcher of the National Technical University of Athens (NTUA), Polytechniupolis Zografou, Greece

Research on energy saving – expansion process of perlite particles

1992-1995

Research Assistant of the University of Leicester, Leicester, England
Lectures on Mineralogy, Petrology, Structural Geology and Mathematics in Geology

1990-1999

**Researcher of the National Technical University of Athens (NTUA),
Polytechnioupolis Zografou, Greece**
Research on the application of Energy Resources

1984-1986

Trainee of the Institute of Geological and Mineral Exploration (IGME)

KEY QUALIFICATIONS

- More than 20 years of experience on industrial mineral applications, coal mining, power production, coal combustion by-products utilisation, co-combustion of coal with biomass related topics. He has also participated as Scientific Responsible at various projects sponsored by the EC and by the Greek General Secretariat for Research & Technology.
- Since 1999 he was appointed to the European Commission, Direction General for Energy & Transport, as Detached Expert in Coal Technology. He has extensive experience in monitoring and management of various scientific projects, mainly concerning Coal, such as THERMIE, ENERGIE, CARNOT & RFCS (former ECSC) Projects.
- Experience in fuel characterization as involved in projects with energy companies, such as Public Power Corporation (PPC).
- Experience in CO₂ related projects, as involved in the Enhanced Capture of CO₂ (ENCAP) Project (member of the Project Management Group and leader of the Training and Dissemination Activities), member of the CO₂NET Organizing Committee, scientific responsible of the Upgrading of High Moisture Low Rank Coal to Hydrogen and Methane (C₂H) Project, Scrutinizing the impact of CCS communication on the general and local public (Impact of Communication) and Economic modelling and assessment of CCS implementation in Europe (EMACE) Project, Research into Impacts and Safety of CO₂ Storage (RISCS) Project, Study of deep underground coal gasification and the permanent storage of CO₂ in the affected areas (UCG & CO₂ STORAGE) Project and member of the Executive Committee and the Management Board of the Promotion of an Integrated European and National R&D Initiative for Fossil Energy Technologies towards Zero Emission Power Plant (FENCO) ERANet Project, which deals with strategy and policy issues on CO₂ and it is coordinated by ForschungsZentrum Juelich, CO₂ Mineralization Project (with Los Alamos, USA) and CO₂ Network (with TITAN, LAFARGE Cement Companies and Public Power Corporation of Greece).

- Experience in slagging and fouling related projects, as involved in several research projects concerning this issue (e.g. Advanced Monitoring of boiler efficiency – ADMONI (RFCS), Advanced CFB for clean and efficient coal power – CLEFCO (RFCS), and other National Bi-lateral Research Projects).
- Experience in coal-firing by-products characterization and applications, such as fly ash and gypsum, as involved in national and European projects (ABETRAP, CLEAN SELECTIVE, etc.) in cooperation with energy companies and universities.
- National Delegate in the Carbon Sequestration Leadership Forum (CSLF).
- Representative in the United Nation’s Economic Committee for Europe:
 - Ad Hoc Group of experts on Coal in Sustainable Development
 - Ad Hoc Group of experts on Coal in Thermal Power
- Representative in the European Association for Coal and Lignite – EURACOAL.
- National Delegate in the Government Group of Zero Emission Power Plant Technology Platform (ETP-ZEP).
- National Delegate in the Working Group for the CO₂ Capture and Geological Storage of the European Climate Change Programme of the European Commission.
- Reviewer to the following International Journals: FUEL, Journal of Hazardous Materials, Energy Policy, Energy, International Journal of Electrical Power and Energy Systems, International Journal of Coal Geology, Paleontological Research, International Journal of Energy Research, The Canadian Journal of Chemical Engineering, Journal of Zhejiang University, Chemosphere, and Journal of the Taiwan Institute of Chemical Engineers.
- Expert Evaluator and Rapporteur of the following European and National Programmes: 7th Framework Programme for Research and Technology (European Commission), TAIEX, INTAS, Research Fund for Coal and Steel (RFCS – European Commission), Bi-lateral cooperation programmes of the Greek General Secretariat for Research and Technology.
- Evaluators Coordinator for the 7th, 6th and 5th Framework Programme Energy Calls for Coal.
- Member of various organizing committees of international conferences and seminars.

LANGUAGE SKILLS (MARK 1 TO 5 FOR COMPETENCE)

<i>Language</i>	<i>Reading</i>	<i>Speaking</i>	<i>Writing</i>
English	5	5	5
French	5	5	5
German	3	2	2
Spanish	1	1	1

OTHER SKILLS

- Experience on monitoring and evaluation of technical projects
- Use of common microcomputer software packages

MEMBERSHIP OF PROFESSIONAL BODIES

- Member of the Mineralogical Society of London
- Member of the Mineralogical Society of America
- Member of the Scientific Corporation of Mineral Wealth Technologists
- Member of the Greek Geological Society
- Member of the Greek Geologists Association
- Member of the Geotechnical Chamber of Greece

PUBLICATIONS:

1. Scientific Papers

a. Publications in Scientific Journals (peered review)

1. Koukouzas, N., Ketikidis, C., Itskos, G. (2011). Heavy metal characterization of CFB-derived coal fly ash, *Fuel Processing Technology*, 92, 441-446.
2. Koukouzas, N., Ketikidis, C., Itskos, G., Spiliotis, X., Karayiannis, V., Papapolymerou, G. (2011). Synthesis of CFB coal fly ash-clay bricks and their characterization, *Waste and Biomass Valorization*, 2, 87-94 (doi:10.1007/s12649-010-9055-1).
3. Koukouzas, N., Ziogou, F., Gemeni, V. (2010). Cost of pipeline-based CO₂ transport and geologic storage in saline aquifers in Greece. *Energy Procedia*, to be published.
4. Pietzner, K., Schumann, D., Tvedt, S.D., Torvatn, H.Y., Næss, R., Reiner, D.M., Anghel, S., Cismaru, D., Constantin, C., Daamen, D.D.L., Dudu, A., Esken, A., Gemeni, V., Koukouzas, N., et.al. (2010). Public Awareness and Perceptions of Carbon Dioxide Capture and Storage (CCS): Insights from Surveys Administered to Representative Samples in Six European Countries, *Energy Procedia*, Article in Press.
5. Daamen, D., Terwel, B., ter Mors, E., Reiner, D., Schumann, D., Anghel, S., Boulouta, I., Cismaru, D., Constantin, C., de Jager, C., Dudu, A., Firth, R., Gemeni, V., Hendriks, C., Koukouzas, N., et. al. (2010). Scrutinizing the impact of CCS communication on opinion quality:

Focus Group Discussions versus Information-Choice Questionnaires: Results from experimental research in six countries, *Energy Procedia*, Article in Press.

6. ter Mors, E., Terwel, B., Daamen, D., Reiner, D., Schumann, D., Anghel, S., Boulouta, I., Cismaru, D., Constantin, C., de Jager, C., Dudu, A., Esken A., Firth, R., Gemeni, V., Hendriks, C., Koukouzas, N., et.al. (2010). *Public Opinion Quarterly*, to be published.
7. Koukouzas, N., Kalaitzidis, S., Ward, C. (2010). Organic petrographical, mineralogical and geochemical features of the Achlada and Mavropigi lignite deposits, NW Macedonia, Greece, *International Journal of Coal Geology*, 83, 387–395.
8. Itskos, G., Koukouzas, N., Vasilatos, Ch., Megremi, I, Moutsatsou, A. (2010). Comparative uptake study of toxic elements from aqueous media by the different particle size fractions of fly ash, *Journal of Hazardous Materials*, 183, 787–792 (<http://dx.doi.org/10.1016/j.jhazmat.2010.07.095>).
9. Itskos, G., Itskos, S., Moutsatsou, A., Vasilatos, C., Koukouzas, N., Kakaras, E., (2010). The outcomes of the 2-decade monthly monitoring of fly ash-composition in a lignite-fired power station, *Waste and Biomass Valorization*, article in press, accepted for publication on Sept. 2, 2010. (doi: 10.1007/s12649-010-9041-7).
10. Itskos, G., Itskos, S., Koukouzas, N. (2010). Size fraction characterization of highly-calcareous fly ash, *Fuel Processing Technology*, 91, 1558–1563 (doi: 10.1016/j.fuproc.2010.06.002).
11. Moutsatsou, A., Itskos, G., Vounatsos, P., Koukouzas, N., Vasilatos, C. (2010). Microstructural characterization of PM-AI and PM-AI/Si composites reinforced with lignite fly ash, *Materials Science and Engineering A*, 527 (18-19) 4788-4795 (<http://doi:10.1016/j.msea.2010.04.001>).
12. Koukouzas, N., Vasilatos, C., Itskos, G., Mitsis, I., Moutsatsou, A. (2010). Removal of heavy metals from wastewater using CFB-coal fly ash zeolitic materials, *Journal of Hazardous Materials*, 173 (1-3) 581-588.
13. Koukouzas, N., Ward, C., Li, Z. (2009). Mineralogy of lignites and associated strata in the Mavropigi field of the Ptolemais Basin, northern Greece, *International Journal of Coal Geology*, 81 (3) 182-190.
14. Koukouzas, N., Gemeni, V., Ziock, H. (2009). Sequestration of CO₂ in magnesium silicates, in Western Macedonia, Greece, *International Journal of Mineral Processing*, 93 (2) 179-186.
15. Koukouzas, N., Typou, I. (2009). An assessment of CO₂ transportation cost from the power plants to geological formations suitable for storage in North Greece. GHGT-9, *Energy Procedia* 1 (2009) 1657–1663.

16. Koukouzas, N., Ward, C.R., Papanikolaou, D., Li, Z., Ketikidis, C. (2009). Quantitative evaluation of minerals in fly ashes of biomass, coal and biomass - coal mixture derived from circulating fluidised bed combustion technology. *Journal of Hazardous Materials*, 169, 1-3, 100-107.
17. Koukouzas, N., Ward, C.R., Papanikolaou, D., Li, Z. (2009). Quantitative Evaluation of Minerals in Lignite and Intraseam Sediments from the Achlada Basin, Northern Greece. *Energy & Fuels*, 23, 4, 2169–2175.
18. Rampidis, I., Nikolopoulos, A., Koukouzas, N., Grammelis, P., and Kakaras, Em. (2009). Optimization of computational performance and accuracy in 3-D transient CFD model for CFB hydrodynamics predictions. *Journal of Numerical Analysis, Industrial and Applied Mathematics (JNAIAM)*, 936, pp. 452-455 (2007).
19. Koukouzas, N., Ziogou, F., Gemeni, V. (2009). Preliminary assessment of CO₂ geological storage opportunities in Greece. *International Journal of Greenhouse Gas Control*, 3, 502-513.
20. Klimantos, P., Koukouzas, N., Katsiadakis, A., Kakaras, E. (2008). Air-blown biomass gasification combined cycles (BGCC): System analysis and economic assessment. *Energy*, 34, 5, 708-714.
21. Koukouzas, N., and Vasilatos, Ch. (2008). Mineralogical and chemical properties of FGD gypsum from Florina, Greece. *Journal of Chemical Technology and Biotechnology* 83:20 – 26 (2008).
22. Kavouridis, K., and Koukouzas, N. (2008). Coal and sustainable energy supply. Challenges and barriers. *Energy Policy*, 36 (2008), pp. 693-703.
23. Koukouzas, N., Katsiadakis, T., Karlopoulos, E., and Kakaras, Em. (2008). Co-gasification of solid waste and lignite – a case study for Western Macedonia. *Waste Management*, 28 (2008) 1263-1275.
24. Koukouzas, N. Hämäläinen, J., Papanikolaou, D., Tourunen, A., and Jäntti, T. (2007). Mineralogical and elemental composition of fly ash from pilot scale fluidised bed combustion of lignite, bituminous coal, wood chips and their blends. *Fuel*. 86, Issue 14, 2186-2193.
25. Koukouzas, N. (2007). Mineralogy and geochemistry of diatomite associated with lignite seams in the Komnina Lignite Basin, Ptolemais, Northern Greece. *International Journal of Coal Geology*, Vol. 71, 2-3, 276-286.
26. Koukouzas, N., Hamalainen, J., Papanikolaou, D., Tourunen, A., and Jantti, T. (2007).

- Mineralogical and chemical composition of CFB fly ash derived from co-combustion of xylite and biomass. *11th International Conference of the Geological Society of Greece, Athens, May 2007.*
27. Koukouzas, N., Zioc, H., Ziogou, F., and Typou, I. (2007). Perspective of Carbon Dioxide sequestration by Mineral Carbonation as a long-term storage option for the region of Western Macedonia, Greece. *11th International Conference of the Geological Society of Greece, Athens, May 2007.*
 28. Karakatsanis S., Koukouzas N., Pagonas M., and Zelilidis A. (2007). Preliminary sedimentological results indicate a new stratigraphy for the Florina sedimentary basin and relate them with CO₂ presence. *11th International Conference of the Geological Society of Greece, Athens, May 2007.*
 29. Koukouzas, N., Zeng, R., Perdikatsis, V., Xu, W., Kakaras, Em. (2006). Mineralogy and Geochemistry of Greek and Chinese Coal Fly Ash. *Fuel*, 85, 16, November 2006, 2301-2309.
 30. Grammelis, P., Koukouzas, N., Skodras, G., Kakaras, E., Tumanovsky, A., Kotler, V. (2006). Refurbishment priorities at the Russian coal-fired power sector for cleaner energy production – Case studies. *Energy Policy*, 34, 3124-3136.
 31. Koukouzas, N., Klimantos, P., Stogiannis, P., and Kakaras, E. (2006). CO₂ capture and storage in Greece: A case study from Komotini NGCC power plant. *Journal of Thermal Science*, Vol. 10, No. 3, 71-80.
 32. Karlopoulos, E., Skodras, G., Koukouzas, N., and Kakaras, E. (2006). The flexible mechanisms of Kyoto Protocol and the implementation of a potential Clean Development Mechanism project. *Energy Engineering Journal* (accepted for publication).
 33. Kakaras, E., Koukouzas, N., Grammelis, P., Tumanovski, A. (2005). Situation and Future Priorities in the Russian Coal-fired Power Sector – Current status and future prospects. *VGB PowerTech* 9/2005, 88-92 (after invitation by the Editor). ISSN 1435-3199.
 34. Zeng, R., Zhuang, X., Koukouzas, N., Xu, W. (2005). Characterization of trace elements in sulphur-rich Late Permian coals in the Heshan coal field, Guangxi, China. *International Journal of Coal Geology*. 61. 87-95.
 35. Koukouzas, N., Kakaras, E., and Grammelis, P. (2004). The lignite electricity-generating sector in Greece: Current status and future prospects, *International Journal of Energy Research*, 28 (9), 785-798.
 36. Grammelis, P., Kakaras, E., and Koukouzas, N. (2004). The perspectives of energy production

- from coal-fired power plants in an enlarged EU. *International Journal of Energy Research*, 28 (9), 799-815.
37. Kotis, Th., Koukouzas, N., Papanicolaou, C., Foscolos, A., and Stamatakis, M. (2004). Potential effects of mineral components, chemical composition of coal ashes and maceral make up on homogenizing lignites from the Florina basin. *Annales Geologiques des Pays Helleniques*, 40, 143-158.
 38. Koukouzas, N., Zouridakis, N. and Ochsenkóhn, K. (2001). Mobility of minor and rare earth elements in obsidian and perlite of calc-alkaline composition. *Chemie der Erde*, 61, 1-12.
 39. Stamatakis, M., Koukouzas, N., Samantouros, K., Vassilatos, Ch., and Kamenou, E. (2001). The zeolites from Evros region, northern Greece: a potential use as cultivation substrate in hydroponics. *Acta Horticulturae*, 548, 93-103.
 40. Stamatakis, M. and Koukouzas, N. (2001). The occurrence of phosphate minerals in lacustrine clayey diatomite deposits, Thessaly, Central Greece. *Sedimentary Geology*, 139, 33-47.
 41. Koukouzas, K. and Koukouzas, N. (2000). Classification of the Greek lignite deposits according to the United Nations International Framework classification for reserves/resources. *Mineral Wealth*. October-December 2000. 117. 19-36.
 42. Koukouzas, N., Dunham, A. and Scott, P. (2000). Suitability of Greek perlite for industrial applications. *Transactions of the Institution of Mining and Metallurgy (IMM), section B- Applied Earth Science*, 109, B105-111.
 43. Koukouzas, N., Vasilatos, Ch. and Glarakis, I. (2000). Mineralogical and petrographical study of concrete by using fly ash from Ptolemais. Bulletin of the Geological Society of Greece 1st Conference of the Economic Geology, Mineralogy and Geochemistry Committee, Kozani February 2000, 261-272.
 44. Koukouzas, N. (1998). Distribution of lignite deposits in Greece, based on the age, the type and the reserves. *Mineral Wealth*. 106. 53-6
 45. Koukouzas, N. (1998). Geological and mineralogical features of the perlite from Kimolos island, Greece. *Geologica Balcanica*, 28. 1-2. 29-34.
 46. Koukouzas, N. and Dunham, A. (1998). Glass composition of perlites from Milos, Kimolos and Kos islands (Greece). *Bulletin of the Geological Society of Greece*, XXII/3, 303-312.
 47. Koukouzas, N. (1998). Volcanic Glass (perlite) of Kimolos island, Greece: Mineral chemistry and structure. *Bulletin of the Geological Society of Greece*, XXII/3, 313-322.

48. Koukouzas, N. and Davis, El. (1998). Geochemical evolution of Aegean perlitites emphasizing the example of Kos Island. *Neues Jahrbuch für Geologie und Paleontologie*. Monatshefte, 11/1998, 641-650.
49. Koukouzas, N. (1997). Rare earth elements in volcanic glass: A case study from Trachilas perlite deposit, Greece. *Chemie Der Erde*. 57, 351-362.
50. Koukouzas, N. (1995). Greek perlite: comparison with deposits of the Carpatho-Balkan region. *Proceedings XV Congress of the Carpatho-Balkan Geological Association*. *Bulletin of the Geological Society of Greece*. Special issue No 4. 750-753.
51. Koukouzas, N., and Dunham, A.C. (1994). Genesis of a volcanic industrial rock, Trachilas perlite deposit, Milos island, Greece. *Bulletin of the Geological Society of Greece*, XXX/3, 333-340.
52. Koukouzas, C. and Koukouzas, N. (1995). Coals of Greece : distribution, quality, and reserves. *European Coal Geology*. *Geological Society of London, Special Publication*, No 82. 171-180. London.
53. Skounakis, S., Koukouzas, N. and Vagias, D. (1993). Sulphur in coal, lignite deposit of Kalavrita, Peloponnesus *Annales Geologiques des Pays Helleniques*. 35. 175-184.
54. Koukouzas, N. (1992). Komnina diatomaceous clay deposits overburden lignite and its suitability (W. Macedonia, Northern Greece). *Mineral Wealth*. 81. 39-52.
55. Koukouzas, N. and Skounakis, S. (1991). Framboids pyrite from the lignite deposit, Plakia-Lefkogia Rethimno, Crete. *Bulletin of the Geological Society of Greece*, XXV/2, 193-201.

b. Books

1. Koukouzas, N. (2001). Adaptation of UNFC codification-Framework Classification for World Energy Resources Survey (Lignite Deposits-Greece). In «ENERGY/AC.4/2001/2, 13 September 2001. *United Nations, Economic and Social Council, Economic Commission for Europe, Committee on Sustainable Energy, Inter-Agency Task Force on the Harmonization of Energy Reserves/Resources Terminology, 13-14 June, 2001*».
2. Koukouzas, N. and Boussios, Em. (1999). *District Heat Country Report - Greece* in: "District Heat in Europe, 1999 Survey" (edited by EUROHEAT & POWER, unichal). 121-132.

c. Technical Journals

1. Koukouzas, N., Katsiadakis, A., Karlopoulos, E. (2009). Combined gasification of waste and lignite. *Building Green*, April-May-June 2009, 11, 53-57.
2. Koukouzas, N., Stogiannis, P., Klimantos, and Kakaras, Em., (2005). CO₂ Storage in underground geological formations. *Modern Technical Review*, 164, December 2005, 52-57.
3. Boussios Em. and Koukouzas, N. (1999). Perspectives for Cogeneration of Heat and Power using lignite and biomass. *Technical Magazine of Mechanical Engineers Association*, September 1999, 34-39.
4. Koukouzas, N., Pavloudakis Fr. and Tsikardani, E. (1998). Utilisation of Fly Ash. Magazine *ENERGIA*, February 1998, 62-66.
5. Boussios Em. and Koukouzas, N. (1998). Perspectives of the Lignite Industry in the Enlarged European Union. Magazine *ENERGIA*, November 1998, 30-33.

d. Papers in Conferences and Workshops

1. Itskos, G., Rohatgi, P., Moutsatsou, A., Vasilatos, C., Defow, J., Koukouzas, N. (2011) Pressure infiltration technique for the synthesis of A356 Al/fly ash composites: Microstructure and tribological performance. World of Coal Ash (WOCA 2011) Conference, May 9-12, 2011, Denver, Colorado, USA.
2. Itskos, G., Rohatgi, P., Moutsatsou, A., Roven, H., Schultz, B., Koukouzas, N., Vasilatos, C. (2011). Incorporation of high-Ca fly ash particles into A356 Al by stir casting technique and characterization of the fabricated composites. World of Coal Ash (WOCA 2011) Conference, May 9-12, 2011, Denver, Colorado, USA.
3. Nikolopoulos, N., Panopoulos, K., Koukouzas, N., Cieplik, M. (2011). Development and Implementation of a Numerical Model predicting Ash Formation mechanisms in Pulverized Fuel Boilers. The Fifth European Combustion Meeting (ECM 2011), 28th June - 1st July 2011, Cardiff University, UK.

4. Koukouzas, N., Kalaitzidis, S., Ward, C., Li, Z. (2010). Mineralogical, petrographic and geochemical features of the Achlada and Mavropigi lignite deposits, NW Macedonia, Greece. October 11 - 14, 2010, Istanbul Hilton, Istanbul, Turkey.
5. Pietzner, K., Schumann, D., Tvedt, S.D., Torvatn, H.Y., Næss, R., Reiner, D.M., Anghel, S., Cismaru, D., Constantin, C., Daamen, D.D.L., Dudu, A., Esken, A., Gemeni, V., Koukouzas, N., et.al., Public Awareness and Perceptions of Carbon Dioxide Capture and Storage (CCS): Insights from Surveys Administered to Representative Samples in Six European Countries, 10th International Conference on Greenhouse Gas Technologies (GHGT), Amsterdam, The Netherlands, 19-23 September, 2010.
6. Daamen, D., Terwel, B., ter Mors, E., Reiner, D., Schumann, D., Anghel, S., Boulouta, I., Cismaru, D., Constantin, C., de Jager, C., Dudu, A., Firth, R., Gemeni, V., Hendriks, C., Koukouzas, N., et. al. (2010). Scrutinizing the impact of CCS communication on opinion quality: Focus Group Discussions versus Information-Choice Questionnaires: Results from experimental research in six countries. 10th International Conference on Greenhouse Gas Control Technologies GHGT – 10, September 19-23, Amsterdam, The Netherlands.
7. Moutsatsou, A., Itskos, G., Koukouzas, N., Vasilatos, C., Megremi, I. (2010). Synthesis of zeolitic materials & wastewater de-contamination procedures. International Conference EuroCoalAsh 2010, May 27-28, 2010, Copenhagen, Denmark.
8. Itskos, G., Koukouzas, N., Itskos, S., Vasilatos, C., Megremi, I., Moutsatsou, A. (2010). Removal of Cr (VI), Cu, Ni, Pb and Zn from wastewater by the different grain fractions of the Hellenic fly ashes, WasteEng- 3rd International Conference on Engineering for Waste Valorisation, May 2010, Beijing, China.
9. Itskos, G., Moutsatsou, A., Itskos, S., Vasilatos, Ch., Koukouzas, N. and Kakaras, E. (2010). The variation of fly ash composition since the beginning of the lignite exploitation in Amynteon, Greece and the case of co-firing with xylite, WasteEng- 3rd International Conference on Engineering for Waste Valorisation, May 2010, Beijing, China.
10. Spliethoff, H., Ballesteros, J.C., Bertrand, C., Cortes, C., Diez, L.I., Martinez, P.F., Mueller, C., Mussmann, B., Koukouzas, N., Panopoulos, K., Wieland, C., Zagorski, T.

- (2009). Increase of boiler efficiency by means of targeted onload cleaning utilizing information based on mathematical modeling and advanced measurement techniques. *POWER-GEN International*, December 8-10 2009, Las Vegas Convention Centre, Las Vegas, NV, USA.
11. Koukouzas, N. (2009). Perspectives and economic assessment of CO₂ transport and geological storage in Greece, IENE's One Day Seminar on «CO₂ Capture and Storage in Greece», December 2009, Kozani, Greece.
 12. Koukouzas, N., Ward, C.R., Li, Z. (2009). Mineral Matter in Lignites and Associated Strata from Mavropigi, Greece, with Special Reference to Modes of Calcium Occurrence, International Conference on Coal, Science and Technology, 26-29 October 2009, Cape Town, South Africa.
 13. Koukouzas, N. (2009). Storage in Greece Carbon Capture and Storage in Greece, Bellona Workshop, University of Indianapolis, 24th September 2009, Athens, Greece.
 14. Doukelis, A., Kakaras, E., Giannakopoulos, D., Koukouzas, N. (2009). CO₂ Capture and Storage in the Greek Electricity Generation Sector, S4FE, Sustainable Fossil Fuels for Future Energy, July 6-10, 2009, Roma, Italy.
 15. Itskos, S., Itskos, G.S., Koukouzas, N. (2009). Selection of the optimum particle fraction of lignite fly ash in cement industry applications, 2nd Panhellenic Conference for the utilisation of industrial by-products in construction applications (EVIPAR), 1-3 June 2009, Aiani Kozanis, Kozani, Greece.
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