

CURRICULUM VITAE

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1. EDUCATION

1968	German School of Athens, <i>Greek Certificate, Habitur</i>
1969	Ecole Polytechnique Fédérale de Lausanne: " <i>Cours des Mathématiques Spéciales</i> ", <i>Certificate</i>
1974	Chemical Engineering Dpt., NTUA, <i>Diploma</i>
1988	PhD, NTUA
<i>Foreign Languages:</i>	German, French, English

2. RESEARCH INTERESTS

- Energy planning
- Energy and Environmental Economics, assessment of externalities
- Renewable Energy Sources, Energy efficiency
- Financial analysis and Cost-Benefit analysis
- Multi-Criteria analysis, Multiobjective programming, Decomposition analysis

3. PROFESSIONAL PROFILE

1989-today:	Faculty member at NTUA, School of Chemical Engineering
1983-1988:	Research fellow at NTUA, School of Chemical Engineering, Division II. PhD in Multicriteria analysis
1979-1983:	Research fellow at NTUA, School of Chemical Engineering in the field of plastics recycling.
1977-1978:	Ministry for Environment (PERPA), Solid Waste department.
1974-1976:	Helios S.A., Industry of paints and varnishes. Production engineer and responsible for quality control.

4. TEACHING ACTIVITIES

Undergraduate Level

- *Economic Analysis of Industrial systems, 2008-today*
- *Project Management and Decision Support, 2006-today*
- *Introduction to Economics, 2004- 2014*
- *Operations Research, 1991-2003, 2015- today*
- *Systems Analysis and Decision Support, 1991-2006*
- *Special chapters of Industrial Organisation, 1989-1992*

Supervision of Diploma theses

Postgraduate Level

- *Energy and Environmental Economics, 1998-2011. Postgraduate Programme “Energy Management and Environmental Protection”, NTUA and University of Piraeus*
- *Environmental Economics, 1998-2007. Postgraduate Programme “Environment and Growth”, NTUA*
- *Decision Support Systems, 1998-2002. Postgraduate Programme “Environment and Growth”, NTUA*
- *Decision Support Systems, 1998-2004. Postgraduate Programme “Business Administration: Athens MBA”, NTUA and Athens University of Economics and Business*

Lectures in International Master Courses

- *Economics of Renewables: 2003-today. EUREC, European Master in Renewable Energies (collaboration of European Universities).*
- *Economics of Renewables: 2013-today. ICARE, EU-China Institute for Clean and Renewable Energy, Huazhong University of Science & Technology, Wuhan, China.*

Supervision of Master and PhD theses

5. RESEARCH PROJECTS

1. **Quantification and evaluation of socio-economic impacts of the “Energy Efficiency at Households Buildings” Program.** Ministry for Environment, Energy and Climate Change (YPEKA), 2014. (*scientific responsible*)
2. **Energy Management in the domestic sector (EMADOS).** Archimedes III: Funding of Research Groups in Technological Educational Institutions (TEI of Athens). 2012-2015.
3. **Research in Enterprises for estimating changes in regional productive systems and local labour markets.** Responsible for the Energy Sector. Hellenic Federation of Enterprises, Greece. Collaboration with IOBE (Foundation for Economic & Industrial Research. 2010-2014.

4. **Methodology for estimating the weighting factors of criteria for the evaluation of National Energy Strategy.** Ministry for Development, Council of National Energy Strategy, Greece, 2009. *(scientific responsible)*
5. **Assessment of external costs and benefits in the Greek Electricity System.** Public Power Corporation, Greece, 2006-2008. *(scientific responsible)*
6. **Cost Assessment for Sustainable Energy Systems, EC, DG XII, 6th FP, 2006-2008.** *(scientific responsible)*
7. **Prospects for the participation of Greece in the Flexible Mechanisms of the Kyoto Protocol.** *National Observatory of Athens*, Ministry for Environment and Public Works, Greece, 2004-2005.
8. **Tools for sustainability: Development and Application of an Integrated Framework,** EC, DG XII, (EESD), 2003-2004. *(scientific responsible)*
9. **Development of an Operational Plan for the Abatement of Atmospheric Pollution in the Prefecture of Thessaloniki.** In collaboration with PLANET S.A., Ministry for Environment and Public Works, Greece, 2003-04.
10. **Externalities of Energy: Extension of Accounting Framework and Policy Applications,** EC, DG XII, (EESD), 2002-2004. *(scientific responsible)*
11. **Towards a White Paper for RES and RUE Strategy and Action Plan for the Republic of Cyprus,** EC, DG TREN (ALTENER), 2002-04.
12. **Local Plans for 100% Renewable Islands,** EC, DG TREN (ALTENER), 2001-02. *(scientific responsible)*
13. **Capacity building in Balkan countries in order to deal with Climate Change problem,** DAC project, *National Observatory of Athens*, Ministry for Environment and Public Works, 2001-02.
14. **Application of RES in St John's Settlement Renewal,** EC, DG XVII (ALTENER), 1999-2000. *(scientific responsible)*
15. **Strategies for Communities aiming at 100% RES supply,** EC, DG XVII (ALTENER), 1999-2000. *(scientific responsible)*
16. **Assessment of Combined Heat and Power (CHP) implementation possibilities in the tourist sector,** EC, DG XVII (SAVE), 1999-2000. *(scientific responsible)*
17. **Concerted Action for an External Costs Discussion Group,** EC, DG XII (JOULE), 1998-2000. *(scientific responsible)*
18. **Integration of Solar collectors in new buildings.** Ministry for Environment and Public Works, Greece, 1998-99. *(scientific responsible)*
19. **Prospects of implementation and impacts of GHG abatement measures.** *National Observatory of Athens*, Ministry for Environment & Public Works, Greece, 1999-2000.
20. **A GIS for estimating the penetration of Natural Gas in final demand sectors.** Public Power Corporation, Greece, 1997-98.
21. **Preliminary investigation and appraisal of the existing regulatory framework in Greece,** in the field of energy conservation and exploitation of renewable energy sources, EC, DG XVI, 1997.
22. **Regional Energy Planning of the Ionian Islands Region,** CRES, EC, DG XVII, 1997.

23. **The National Implementation in the EU of the EXTERNE Accounting Framework**, EC, DG XII (Joule), 1996-97. EUR 18272, 1998. www.externe.info. (*scientific responsible*)
24. **Environmental Protection and competitiveness in the Greek industry**, in collaboration with the Economic Dpt of the University of Crete, Ministry for Development, 1996-97.
25. **Implementing Large Scale Integration of Renewables. A Pilot Study for Operational Plans and Policies**, EC, DG XII (APAS Programme), 1995-96.
26. **External Costs of Fuel Cycles**, EC, DG XII (Joule), 1993-95.
27. **Action Plan for Optimal Penetration of Renewables in Island's Energy System: The Case of Electricity Production**, EC, DG XII (Joule), 1993-95.
28. **Climate Change. The Greek Programme for the reduction of CO₂ emissions and other Greenhouse gases**, Ministry for Environment & Public Works, Greece, 1994.
29. **Developing a Decision Support System for the Utilization of Renewable Energies at a Regional Level**, EC, DG XII (Joule), 1992-94.
30. **Database and Decision Support System for the combined exploitation of Renewable Energy Sources**, NTUA - AUTH, General Secretary for Research & Technology, Greece, 1992-94.
31. **Cost-Benefit analysis for the evaluation of energy efficiency measures**, CRES, 1992.
32. **Penetration of Natural Gas into the Greek Energy System**, Public Gas Corporation and General Secretary for Research & Technology, Greece, 1991-93.
33. **Energy conservation in the Greek economy: A techno-economic approach**, General Secretary for Research & Technology, Greece, 1988-90.
34. **Multicriteria Evaluation of Alternative methods for the disposal of Solid wastes and Sludges**. General Secretary for Research & Technology, Greece, 1991-93.
35. **Recycling of non-ferrous metals: Conservation of energy and raw materials** **Υλών & Ενέργειας**, General Secretary for Research & Technology, Greece, 1986-87.

6. PUBLICATIONS

Peer-reviewed journals

1. Caralis G., Diakoulaki D., Gao Z., Yang P., Huang M., Zervos A., Rados K. (2014). **Profitability of wind energy investments in China using a Monte Carlo approach for the treatment of uncertainties**. Renewable and Sustainable Energy Reviews, 40, 224-236.
2. Mirasgedis S., Tourkolias C., Tzovla E., Diakoulaki D. (2014). **Valuing the visual impact of wind farms: An application in South Evia, Greece**. Renewable and Sustainable Energy Reviews, 39, 296-311.
3. Mirasgedis S., Tourkolias C., Pavlakis E., Diakoulaki D. (2014). **A methodological framework for assessing the employment effects associated with energy efficiency interventions in buildings**. Energy and Buildings, 82, 275-286.
4. Tourkolias S., Skiada T., Mirasgedis S., Diakoulaki D. (2014). **Application of the travel cost method for the valuation of the Poseidon temple in Sounio, Greece**. Journal of Cultural Heritage, *In Press, Corrected Proof, Available online 11 October 2014*.

5. Gelezenis J., Diakoulaki D., Lampropoulou H., Giannakidis G., Samarakou M., Plytas N. (2014). **Perspectives of energy efficient technologies penetration in the Greek domestic sector, through the analysis of Energy Performance Certificates.** *Energy Policy*, 67, 56-67.
6. Georgiou P., Mavrotas G., Diakoulaki D. (2011). **The effect of islands' interconnection to the mainland system on the development of renewable energy sources in the Greek power sector.** *Renewable and Sustainable Energy Reviews*, 15/6, 2607-2620.
7. Pechak O., Mavrotas G., Diakoulaki D. (2011). **Role and contribution of the Clean Development Mechanism to the development of wind energy.** *Renewable and Sustainable Energy Reviews*, 15/7, 3380-3387.
8. Florios K., Mavrotas G., Diakoulaki D. (2010). **Solving multi-objective, multi-constraint knapsack problems using mathematical programming and evolutionary algorithms.** *Eur. J. of Operational Research*. 203/1, 14-21.
9. Tourkolias C., Mirasgedis S., Damigos D., Diakoulaki D. (2009). **Employment benefits of electricity generation: A comparative assessment of lignite and natural gas power plants in Greece.** *Energy Policy*. 37/10, 4155-4166.
10. Papagiannaki K., Diakoulaki D. (2009). **Decomposition analysis of CO2 emissions from passenger cars: The cases of Greece and Denmark.** *Energy Policy*, 37/8, 3259-3267.
11. Damigos D., Tourkolias C., Diakoulaki D. (2009). **Households' willingness to pay for safeguarding security of natural gas supply in electricity generation.** *Energy Policy*, 37/5, 2008-2017.
12. Mavrotas G., Diakoulaki D., Florios K., Georgiou P. (2008). **A mathematical programming framework for energy planning in services' sector buildings under uncertainty in load demand: The case of a hospital in Athens.** *Energy Policy*, 36/7, 2415-2429.
13. Mavrotas G., Diakoulaki D., Kourentzis A. (2008). **Selection among ranked projects under segmentation, policy and logical constraints.** *Eur. J. of Operational Research*, 187/ 1, 177-192.
14. Diakoulaki D., Mandaraka M. (2007). **Decomposition analysis for assessing the progress in decoupling industrial growth from CO2 emissions in the EU manufacturing sector.** *Energy Economics*, 29/4, 636-664.
15. Georgiou P., Tourkolias C., Diakoulaki D. (2007). **A roadmap for selecting host countries of wind energy projects in the framework of the clean development mechanism.** *Renewable & Sustainable Energy Reviews*, 12/3, 712-731.
16. Diakoulaki D., Mirasgedis S., Tourkolias C. (2007). **Assessment and exploitation of energy-related externalities in the industrial sector.** *Energy Policy*, 35/5, 2925-2938.
17. Diakoulaki D., Georgiou P., Tourkolias C., Georgopoulou E., Lalas D., Mirasgedis S., Sarafidis Y. (2007). **A multicriteria approach to identify investment opportunities for the exploitation of the Clean Development Mechanism.** *Energy Policy*, 35/2, 1088-1099.
18. Hontou V., Diakoulaki D., Papagiannakis L. (2007). **Environmental Policy and Industrial Competitiveness: A multicriteria approach.** *Corporate Social Responsibility & Environmental Management*, 14/1, 28-41.

19. Diakoulaki D., Karangelis F. (2007). **Multi-Criteria Decision Analysis and Cost-Benefit Analysis of alternative scenarios for the power generation sector in Greece.** Renewable & Sustainable Energy Reviews, 11/4, 716-727.
20. Mavrotas G., Ziomas Y., Diakoulaki D. (2006). **A combined MOILP – MCDA approach to Building and Screening Atmospheric Pollution Control Strategies in Urban Regions.** Environmental Management, 38/1, 149-160.
21. Diakoulaki D., Mavrotas G., Orkopoulos D., Papayannakis L. (2006). **A bottom-up decomposition analysis of energy-related CO₂ emissions in Greece.** Energy, 31/14, 2638-2652.
22. Mavrotas G., Diakoulaki D., Caloghirou Y. (2006). **Project prioritization under policy restrictions: A combination of MCDM with 0-1 Programming.** Eur. J. of Operational Research, 171/1, 296-308.
23. Mavrotas G., Diakoulaki D. (2005). **Multi-criteria branch and bound: A vector maximization algorithm for Mixed 0-1 Multiple Objective Linear Programming.** Applied Mathematics & Computation, 171/1, 53-71.
24. Mavrotas G., Diakoulaki D. (2005). **Solving Multi-objective MILP Problems in process synthesis using the Multi-Criteria Branch and Bound Algorithm.** Chemical Engineering & Technology, 28/12, 1500-1510.
25. Tarantilis C., Diakoulaki D., Kyranoudis C. (2004). **Combination of GIS and efficient routing algorithms for real life distribution transportation operations.** Eur. J. of Operational Research, 152/2, 437-453.
26. Diakoulaki D., Hontou V. (2003). **A Multicriteria approach to burden sharing among industrial branches for combating climate change.** Clean Technologies and Environmental Policy, 5/1, 35-40.
27. Mavrotas G., Demertzis H., Meintani A., Diakoulaki D. (2003). **Energy planning in buildings under uncertainty in fuel costs: The case of a hotel unit in Greece.** Energy Conversion & Management, 44/8, 1303-1321.
28. Mavrotas G., Diakoulaki D., Capros P. (2003). **Combined MCDA- IP approach for project selection in the electricity market.** Annals of Operational Research, 120/1-4, 159-170.
29. Diakoulaki D., Kavadakis G. (2002). **Cost-benefit analysis of biofuel of oil-seed origin in Greece.** Options Méditerranéennes, Special issue on Comprehensive economic and spatial bio-energy Modeling, Série A, 48, 77-84.
30. Mavrotas G., Diakoulaki D., Caloghirou Y. (2001). **A combinatorial multicriteria approach for corporate funding under policy restrictions.** Operational Research An International Journal, 3, 299-314.
31. Diakoulaki D., Zervos A., Sarafidis J. (2001). **Cost-Benefit analysis of solar water heating systems in Greece.** Energy Conversion & Management, 42/14, 1727-1739.
32. Mavrotas G., Pavlidou S., Hontou V., Diakoulaki D. (2000). **Decomposition analysis of carbon dioxide emissions from the Greek manufacturing sector.** Global Nest, The International Journal, 2, 119-127.
33. Mirasgedis S., Diakoulaki D., Papayannakis L., Zervos A. (2000). **The impact of social costing on the competitiveness of renewable energies in Crete.** Energy Policy, 28/1, 65-73.

34. Liaskas K., Mavrotas G., Mandaraka M., Diakoulaki D. (2000). **Decomposition of industrial CO₂ emissions in European Union.** *Energy Economics*, 22/4, 383-394.
35. Mirasgedis S., Mavrotas G., Diakoulaki D. (1999). **The use of fuzzy sets in the assessment of the social cost of electricity generation.** *Fuzzy Economic Review*, IV/2, 3-20.
36. Sarafidis Y., Diakoulaki D., Zervos A., Papayannakis L. (1999). **A regional planning approach for the promotion of renewable energies.** *Renewable Energy*, 18/3, 317-330.
37. Diakoulaki D., Zopounidis C., Mavrotas G., Doumpos M. (1999). **The use of a preference disaggregation method in energy analysis and policy making.** *Energy*, 24/2, 157-166.
38. Mavrotas G., Diakoulaki D., Papayannakis L. (1999). **An energy planning approach based on mixed 0-1 MOLP.** *Int. Transactions in Operational Research*, 6/2, 231-244.
39. Mavrotas G., Diakoulaki D. (1998). **A Branch and Bound Algorithm for mixed 0-1 Multiple Objective Linear Programming.** *Eur. J. of Operational Research*, 107/3, 530-541.
40. Mavrotas G., Diakoulaki D., Assimacopoulos D. (1998). **Bounding MOLP objective functions: Effect on efficient set size.** *J. of Oper. Res. Society*, 49, 549-537.
41. Georgopoulou E., Sarafidis Y., Diakoulaki D. (1998). **Design and Implementation of a Group DSS for sustaining Renewable Energies exploitation.** *Eur. J. of Operational Research*, 109, 483-500.
42. Mourelatos A., Diakoulaki D., Papayannakis L. (1997). **Impact of CO₂ reduction policies on the development of Renewable Energies.** *Int. J. of Hydrogen Energy*, 23/2, 139-149.
43. Mirasgedis S., Diakoulaki D. (1997). **Multicriteria analysis vs Externalities assessment for the comparative evaluation of electricity generation systems.** *Eur. J. of Operational Research*, 102, 364-379.
44. Daniel S., Diakoulaki D., Pappis K. (1997). **Operations Research & Environmental Planning.** *Eur. J. of Operational Research*, 102, 248-263.
45. Diakoulaki D., Georgopoulou E., Papayannakis L. (1996). **Designing a DSS for regional energy planning.** *Computing and Decision Sciences*, 21/2, 67-79.
46. Mirasgedis S., Diakoulaki D., Assimakopoulos D. (1996). **Solar energy and the abatement of atmospheric emissions.** *Renewable Energy*, 7/4, 329-338.
47. Diakoulaki D., Mavrotas G., Papayannakis L. (1995). **Determining objective weights in multiple criteria problems: The CRITIC method.** *Computers & Operations Research*, 22/7, 763-770.
48. Alexopoulou S., Diakoulaki D. (1993). **Designing a Decision Support System for evaluating alternative options of solid waste disposal.** *J. of Information Science & Technology*, 2/ 2, 190-199.
49. Diakoulaki D., Mavrotas G., Papayannakis L. (1992). **A Multicriteria approach for evaluating the performance of industrial firms.** *Omega*, 20/4, 467-474.
50. Diakoulaki D., Koumoutsos N. (1991). **Cardinal ranking of alternative solutions: Extension of the PROMETHEE method.** *Eur. J. of Operational Research*, 53/3, 337-347.
51. Diakoulaki D., Koumoutsos N. (1990). **Comparative evaluation of alternative beverage containers with multiple environmental criteria in Greece.** *Resources Conservation @ Recycling*, 3, 241-252.

52. Diakoulaki D., Kampouris E., Papaspyrides C. (1986). **Solvent recycling of rigid poly(vinyl chloride) bottles.** J. of Vinyl Technology, 8/2, 79-82.
53. Papaspyrides C., Diakoulaki D. (1986). **Recovery of reusable poly(vinyl chloride) from plastic waste.** J. of Vinyl Technology, 8/2, 83-86.

Collective volumes

54. Diakoulaki D. (2015). **Griechenland als Energieproduzent: Potenzial und Rahmenbedingungen**, in Die Krise in Griechenland, Klemm U-D., Schultheiss W. (Eds). Campus Verlag
55. Diakoulaki D. (2014). **The energy sector in Greece under crisis. Challenges and Perspectives**, in Competitiveness for Development: Policy proposals, Massourakis M. and Gortsos C. (Eds). Hellenic Bank Association. 291-304. (in greek).
56. Diakoulaki D. (2008). **Energy strategies, environmental threats and development challenges**, in In search of a Greek Development model. Giannitsis T. (Ed). Papazissis Eds. 237-266.
57. Diakoulaki D., Henggeler-Antunes C., Martins A. (2005). **MCDa and Energy Planning**, in Multiple Criteria Decision Analysis: State of the Art Surveys. J. Figueira, S. Greco and M. Ehrgott (Eds). Springer, New York. pp. 859-898.
58. Mavrotas G., Diakoulaki D. (2005). **A Mixed Integer Multiple Objective Linear Programming model for the capacity expansion in an autonomous power generation system**, in Energy and Environment. R. Loulou, J.-Ph. Waub, G. Zaccour (Eds). Springer, New York. Chapter 8, 191-210
59. Diakoulaki D., Hontou V., Mavrotas G. (2004). **A Multicriteria Descriptive Approach for Classifying Countries with Respect to Environmental Indicators**, in Multiple Criteria Decision Aiding. C.H.Antunes, J. Figueira and J. Climaco pp. 231-246, INESCC, University of Coimbra (ISBN 972-569-140-7).
60. Zervos A., Diakoulaki D., Mayer D.(2002). **Integration of renewable energy sources into energy systems**, in The future for Renewable Energy: Prospects and directions. EUREC Agency, 173-193. Publ. James & James, London.
61. Mavrotas G., Diakoulaki D. (2000). **A fuzzy extension of a Mixed Integer MOLP model for solving the power generation problem**, in Recent Developments and Applications in Decision-Making. S.Zanakis, G.Doukidis, C.Zopounidis (Eds). Kluwer Acad. Publ., pp 263-277.
62. Diakoulaki D., Mirasgedis S., Papayannakis L. (1998). **Economics of energy and treatment of uncertainty to incorporate environmental considerations in investment decisions**, in Managing in Uncertainty. C.Zopounidis, J.M. Garcia Vasquez (Eds). Kluwer Acad. Publ., pp. 103-117.
63. Mavrotas G., Diakoulaki D., Assimacopoulos D. (1994). **Energy Planning and Trade-offs between Environmental and Economic Criteria**, in Applying Multicriteria Decision Aid for Environmental Management, M. Paruccini (Ed), Kluwer Acad. Publ., pp. 187-198.
64. Assimacopoulos D., Diakoulaki D., Georgopoulou E. (1993). **Regional Energy Planning by Incorporating Renewable Energies**, in Applied Stochastic Models and Data Analysis, J.Janssen and C.Skiadas (Eds). World Scientific, pp. 34-48.

Full Proceedings of International Conferences

1. Kopidou D., Diakoulaki D. (2014). **The driving forces of a green and inclusive growth: Decomposition Analysis of carbon emissions and employment in EU-27 countries before and during the economic crisis.** 2nd International Conference of the Research Centre for Energy Management (RCEM), 22-24 May 2014, Chania, Crete.
2. Caralis G., Diakoulaki D., Zervos A. (2013). **Financial profitability of wind farms in Greece in times of economic crisis: A Monte Carlo analysis for the treatment of emerging uncertainties.** European Wind Energy Conference: EWEC 2013, Vienna, 4-7 February 2013.
3. Gelegenis J., Diakoulaki D., Giannakidis G., Lambropoulou H., Harris D. (2013). **Independent heating in multi-family dwellings, or how an energy management measure may lead to overconsumption.** Energy for Sustainability 2013: Sustainable cities. Coimbra, 8-10 September 2013.
4. Diakoulaki D., Zoupas P., Gelegenis J. (2012). **Treatment of uncertainty in the assessment of the financial profitability of energy retrofit measures in the Greek building stock.** EEMSW 2012, Int. Workshop on Energy Efficiency for a more Sustainable World. Ponta Delgada, Azores, 14-16 September 2012.
5. Pavlakis E., Tourkolias C., Diakoulaki D. (2012). **Employment benefits associated with investments on energy efficiency in the residential building stock in Greece.** EEMSW 2012, Int. Workshop on Energy Efficiency for a more Sustainable World. Ponta Delgada, Azores, 14-16 September 2012.
6. Karka P., Diakoulaki D. (2011). **Estimation of the Carbon Footprint of Greek households combining a bottom-up methodology with Input-Output Analysis.** CEST 2011, 12th Int. Conference on Environmental Science and Technology. Rhodes, 8-10 September 2011.
7. Pechak, O., Mavrotas, G., Diakoulaki, D. (2010). **Investigating the Role of the Clean Development Mechanism within the Global Green Energy Market: The Case of Wind Energy.** Int. Conference: European Energy Markets 2010. Madrid, 23-25 June, 2010.
8. Georgiou P., Mavrotas G., Diakoulaki D. (2009). **Effective Integration of environmental policy constraints in the long-term planning of the Greek power system.** CEST 2009, 11th Int. Conference on Environmental Science and Technology. Chania.
9. Papagiannaki K., Diakoulaki D. (2008). **Decomposition analysis of CO₂ emissions from passenger cars: The cases of Greece and Denmark.** Int. Conference on Policy Modeling (EcoMod2008). Berlin.
10. Papagiannaki K., Diakoulaki D. (2008). **Decomposition Analysis of CO₂ emissions from passenger cars in Greece.** 10th Int. Conference on Applications of Advanced Technologies in Transportation (AATT2008). Athens.
11. Diakoulaki D., Tourkolias C., Grafakos S. (2007). **Combining Multicriteria Decision Analysis with Economic Valuation for effectively integrating non-traded goods in policy making.** 15th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Thessaloniki.

12. Papagiannaki K., G.Leontarakis G., Diakoulaki D. (2007). **Decomposition analysis of CO2 emissions from road transport in EU15.** *CEST 2007*, 10th Int. Conference on Environmental Science and Technology. Kos.
13. Tourkolias C., Diakoulaki D., Mirasgedis S., Mavrotas G. (2007). **Public health effects from energy use in the industrial sector.** *CEST 2007*, 10th Int. Conference on Environmental Science and Technology. Kos.
14. Diakoulaki D., Tourkolias C., Georgiou P. (2006). **Treatment of uncertainty in the assessment of investment opportunities on wind energy in the framework of the clean development mechanism.** 19th Mini-EURO Conference "Operational Research Models and Methods in the Energy Sector", Coimbra,.
15. Mavrotas G., Florios K., Georgiou P., Diakoulaki D. (2006). **A MOMILP model for hospitals energy rehabilitation handling uncertainty in load profiles.** 19th Mini-EURO Conference "Operational Research Models and Methods in the Energy Sector", Coimbra.
16. Diakoulaki D., Dimitropoulos G., Georgiou P., Tourkolias C., Georgopoulou E., Mirasgedis S., Sarafidis Y., Lalas D. (2006). **Promoting wind energy through the flexible mechanisms of the Kyoto Protocol.** Eur. Wind Energy Conference (EWEC 2006), Athens.
17. Georgiou P., Tourkolias C., Diakoulaki D., Georgopoulou E., Mirasgedis S., Sarafidis Y., Lalas D. (2005). **Multicriteria evaluation of investment opportunities for the exploitation of the flexible mechanisms of the Kyoto Protocol.** *CEST 2005*, 9th Int. Conference on the Environmental Science and Technology, Rhodes.
18. Mavrotas G., Ziomas J., Diakoulaki D. (2005). **Formulation of an action plan to comply with the limits of the air quality directives: An Integrated Multi-Criteria Approach.** *CEST 2005*, 9th Int. Conference on the Environmental Science and Technology, Rhodes.
19. Mavrotas G., Diakoulaki D. (2004). **A combined MCDA-MOMILP approach to assist in project selection under policy constraints and uncertainty in the criteria weights.** 15th Mini-EURO Conference: Managing Uncertainty in Decision Support Models. Coimbra.
20. Diakoulaki D., Grafakos S. (2004). **Treatment of uncertainty in weights elicitation through the disclosure of the hidden monetary values assigned to sustainability criteria.** 15th Mini-EURO Conference: Managing Uncertainty in Decision Support Models. Coimbra.
21. Diakoulaki D., Mavrotas G. (2004). **A Multi-Criteria Approach for the Classification of EU Countries with Respect to their Progress Towards Sustainable Development.** 7th international conference on Probabilistic Safety Assessment and Management (PSAM-7), Berlin.
22. Diakoulaki D., Mavrotas G. (2003). **Classification of EU countries with respect to multiple environmental indicators.** *CEST 2003*, 8th Int. Conference on the Environmental Science and Technology, Lemnos.
23. Nikolaou A., Diakoulaki D. (2003). **Life Cycle Assessment of a bio-electricity system in Greece.** *CEST 2003*, 8th Int. Conference on the Environmental Science and Technology, Lemnos.
24. Diakoulaki D., Glykogianni A., Mavrotas G. (2002). **Classification of EU countries with respect to sustainability: Emphasis on the performance of the agricultural sector.** ARIADNE Int. Conference. EUROSTAT and National Statistical Service of Greece, Chania.
25. Kavadakis G., Diakoulaki D. (2001). **Cost-Benefit analysis of biodiesel in Greece.** *CEST 2001*, 7th 7th Int. Conference on the Environmental Science and Technology, Syros.

26. Hontou V., Diakoulaki D. (2001). **A multicriteria approach to burden sharing among industrial branches for combating climate change.** *CEST 2001*, 7th Int. Conf. on the Environmental Science and Technology, Syros.
27. Diakoulaki D., Karalis G., Zervos A. (2001). **Strategies for communities aiming at 100% RES supply.** ALTENER 2000 Conference: Renewable Energy for Europe, Toulouse, 158-161.
28. Diakoulaki D., Mirasgedis S., Tziantzi M. (2000). **Environmental externalities of electricity generation and the development of renewable energy sources.** 10th Annual Conference of the Eur. Association of Environmental and Resource Economists (EAERE), Rethymnon.
29. Kollas J., Mirasgedis S., Diakoulaki D. (2000). **Comparative risk assessment of energy sources used for electricity production in Greece,** 5th Int. Conference on Probabilistic Safety Assessment and Management (PSAM-5), Osaka.
30. Mavrotas G., Diakoulaki D. (1999). **Mixed Integer Multiple Objective Linear Programming. Application in the Power generation expansion planning.** 5th Int. Conference of the Decision Sciences Institute, Athens.
31. Caloghirou Y., Diakoulaki D., Tsakanikas, A. (1999). **A multicriteria DSS for the dynamic assessment of corporate and sectoral performance.** European Symposium on Intelligent Techniques (ESIT '99), Chania.
32. Zervos A., Papayannakis L., Diakoulaki D. (1997). **A Strategy for Implementing Renewable Energies in Greece.** European Congress on Renewable Energy Implementation, Athens.
33. Diakoulaki D., Mirasgedis S., Papayannakis L. (1997). **Economics of energy and the treatment of uncertainty to incorporate environmental considerations in investment decisions.** VI Int. Conference of the Eur. Association of Management and Business Economics, Chania.
34. Diakoulaki D., Hadorn J.C., Salmi R. (1995). **Implementing Large Scale Integration of Renewables: A Pilot Study for Operational Plans and Policies.** Eur. Conference for Renewable Energy Development, Venice.
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36. Diakoulaki D., Caloghirou Y., Mavrotas G. (1993). **An Objective Multicriteria Evaluation of Industrial Firms.** Proceedings of the 2nd Balcan Conference on Operational Research, Thessaloniki.
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38. Diakoulaki D., Koumoutsos N. (1984). **Model Calculations for the Evaluation of the Energy Cost of Refuse Derived Fuels.** 4th Intern. Congress on Recycling, Berlin, ed. EF-Verlag.
39. Diakoulaki D., Papaspyrides C. (1984). **The Influence of Swelling on Shrinkage of Oriented Polymer Films.** I.U.P.A.C. Intern. Symp., Athens 1982, Elsevier Sci. Publ.
40. Andreopoulos A., Diakoulaki D. (1982). **The Diffusive Properties of Crosslinked Polyethylene.** I.U.P.A.C. Int. Symp., Athens, Elsevier Sci. Publ.

Full Proceedings of National Conferences

Thirty four publications in greek.

7. OTHER ACTIVITIES

- 2010- 2013: Member of Board in **“PPC – Renewables S.A.”**, wholly owned by Public Power Corporation of Greece (Vice-President after 2011)
- 2001-2004: Member of Board of the **“National Centre for Environment and Sustainable Development”**
- 2002: Responsible for the preparation of the **Greek Strategy for Sustainable Development** undertaken by the “National Centre for Environment and Sustainable Development”
- 2001: **Ministry for Development**, expert in the field “Environmental Policies and Industrial Competitiveness”
- 1999-2003: Representative of Greece in the Experts Group “Environmental Indicators: Guidelines and Reporting” of the **European Environment Agency**
- 1997-2001: General secretary and Vice-president of the **“Hellenic Operational Research Society”**

Reviewer of Scientific Journals in the fields of Energy planning and policy, Environmental management, Operational Research.

Member of **Scientific and Organisational Committees** of Conferences in the same fields