



**CURRICULUM VITAE**

**CAROL A. DAHL**

Office: Mineral and Energy Economics Phone/Fax: 1-303-273-3921/(. . .-3416)  
 Division of Business and Economics (EB) E-Mail: cadahl@mines.edu  
 Colorado School of Mines (CSM) Citizenship: USA  
 Golden, CO 80401

<u>Education, B.A. and Ph.D. in Economics</u>	<u>Employment</u>	<u>Scholarships, Fellowships, Grants, Contracts, And Awards</u>
<u>Short Courses and Visits</u>	<u>Courses Taught</u>	<u>Research Interests</u>
<u>Academic Articles Published</u>	<u>Books Published</u>	<u>Book Reviews</u>
<u>Presentations With Proceedings</u>	<u>Other Presentations Other Presentations, Visits, Workshops, Panels, Editorial Work&amp; Activities</u>	<u>Thesis Advising</u>
<u>Working Papers</u>	<u>Work In Progress</u>	

**EDUCATION**

1977–Ph.D. in Economics, University of Minnesota, Minneapolis, Minnesota, Thesis Advisor, Christopher A. Sims, Nobel Laureate in Economics

1969–B.A. (with distinction) in Economics, University of Wisconsin, Madison, Wisconsin

**EMPLOYMENT AND PROFESSIONAL AFFILIATIONS**

Adjunct Professor, Energy and Mineral Economics Program, Colorado School of Mines, Golden Colorado, Fall: 2014, 2017, 2018, 2019, 2020

Visiting Professor (1 month per year), Department of Business Administration, Technology and Social Sciences, Luleå University of Technology, Sweden, 2015-2017.

Senior Fellow, Payne Institute for Earth Resources, 2015-date, CSM, Golden, CO

Adjunct Professor (1-2 months per year teaching Energy Economics), Chinese University of Petroleum, Beijing (CUPB), 2014-date.

Professor Emeritus, Mineral and Energy Economics, 2014-date, CSM, Golden, CO

Professor of Mineral and Energy Economics, 1991-2013, CSM, Golden, CO

Director of CSM/IFP Joint International Program in Petroleum Economics Management, 1995-2010, CSM

Acting Director, Division of Economics and Business, 2007-2008, CSM, Golden, CO

Associate Professor of Economics, 1983-1991, Louisiana State University, Baton Rouge, LA

Assistant Professor of Economics, 1980-1983, University of Wisconsin, Milwaukee, WI

Assistant Professor of Economics/Research Scientist, 1979-1980, University of Michigan, Ann Arbor, MI

Assistant Professor of Economics, 1977-1979, Wayne State University, Detroit, MI

Assistant Professor of Economics, 1976-1977, Illinois State University, Normal, IL

### **SCHOLARSHIPS, FELLOWSHIPS, GRANTS, CONTRACTS, AND AWARDS**

2020 Contract as subject matter expert to help evaluate government ministries and entities for the UAE Sheikh Khalifa Government Excellence Program, Ongoing by remote meetings from August 26.

2018 Contract as subject matter expert to help evaluate government ministries and entities for the UAE Sheikh Khalifa Government Excellence Program, Abu Dhabi October 11-21.

2017 Contract as subject matter expert to help evaluate government ministries and entities for the Abu Dhabi Government Excellence Program, Abu Dhabi, UAE, September 26-October 8.

2017-2019, Honorary Professor, Centre for Energy, Petroleum and Mineral Law and Policy University of Dundee, Scotland.

2016, Contract as subject matter expert to help evaluate government ministries and entities for the Sheikh Khalifa Government Excellence Program, Dubai, October 13-22.

2013, Received the *Outstanding Contributions to the Profession Award* from the International Association for Energy Economics for contributions to the field of Energy Economics and its literature awarded at the 36th Annual International Associations for Energy Economics at Daegu, S. Korea, June, 16-20, 2013.

2010, Received *Adelman-Frankel Award* from the United States Association for Energy Economics for unique and innovative contributions to the field of energy economics awarded at the 29th Annual North American CAEE/USAE/IAEE Conference, October 14-16, Calgary, Canada

Jan. 3 – May 31, 2010, Secured to the U.S. Energy Information Administration, Department of Energy with an Interpersonnel Agreement to continue work on model inputs and development for the International Energy Outlook in the International Economic and Greenhouse Gas Division, Office of Integrated Forecasting and Analysis, Washington D.C

Nov. 1, 2009-February 28, 2010, "Review and Critique of Elasticities Used in the World Energy Projections Plus Model" for U.S Energy Information Administration, Department of Energy, Office of Integrated Forecasting and Analysis, Washington D.C. administered by Addx Corporation, Alexandria, VA 22311

Jan. 5 – June 19, 2009, Secured to the U.S. Energy Information Administration, Department of Energy with an Interpersonnel Agreement to work on model inputs and development for the International Energy Outlook in the International Economic and Greenhouse Gas Division, Office of Integrated Forecasting and Analysis, Washington D.C.

Apr., 2007, Contract, "What Goes Down Must Come Up: A Review of the Factors behind Increasing Gasoline Prices, 1999-2006" for the American Petroleum Institute

July 2006, Technical Review of the propane and heating fuel modules for the Short Term Energy Forecasting Model, U.S. EIA/DOE

2006, Second most cited paper published in *Energy Economics* and sixth most cited paper in *Energy Economics*, *The Energy Journal*, *Energy Policy*, and *Resources and Energy Economics* from 1979-2005. "Editorial," *Energy Economics* 28(4): 405-409

2005, On Technical Review Panel for U.S. EPA Second Generation Climate Model

2004, Contract, "Energy Demand Modeling," Saudi Aramco

2004, On Technical Expert List for U.S. Fulbright Program, July, 2004-June, 2009

2000, Fifth most cited paper published in *Energy Economics* from 1979-1999. "Editorial," *Energy Economics* 22(1): 1-8

1998, Received a *Senior Fellow Award* for distinguished service in the field of energy economics and/or the U.S. Association for Energy Economics (USAEE) awarded at the 20th Annual North American Conference of the USAEE/IAEE, Orlando, FL, August 29-September 1.

September, 1997-Technical Review of Report "Oil Marketing" by Innovation & Information Consultants, Inc. for Mineral Management Service, U.S. Department of Interior, Denver, CO

June, 1997-Travel funding to present "Evolution of the US Natural Gas Industry in Response to Changes in Transaction Costs" presented to the Alaska Alliance and International Association for Energy Economics, Alaska Chapter at the University of Alaska, Anchorage Alaska, June 16, 1997

May 1995-Contract "A Survey of Econometric Estimates of Natural Gas Demand Elasticities: Implications for Natural Gas Substitution in New Zealand" for Professor James L. Sweeney, Stanford University

October, 1993-Contract "Natural Gas Interfuel Substitution in the Commercial, Industrial, and Residential Sector for Selected Countries" for Professor James L. Sweeney, Stanford University

Spring Semester, 1993-Principal investigator-"A Survey of Energy Demand Elasticities in Support of the Development of the NEMS" for United States Department of Energy contract De-AP01-93EI23499

March, 1993-Contract-"Long Run Price Elasticities for Three Major Oil Products for Eight World Regions" for ARCO Oil and Gas Company

Summer, 1992-Support as a Visiting Scholar from the Institute D'Economie et de Politique de L'Energie, Laboratoire du Centre National de La Recherche Scientifique, Grenoble, France

Summer, 1991-Subcontract Evaluating US EIA/DOE Natural Gas Data Collection Forms, Battelle Pacific Northwest Laboratories, Richland, WA

Summer, 1990-Support as a Visiting Scholar from the Department of Economics, University of Gothenburg, Gothenburg, Sweden

1988/89-Principal Investigator, "Oil and Gas Model for the State of Louisiana," Center for Energy Studies Faculty Pass-Through Program Grant from the Center for Energy Studies, Louisiana State University, Baton Rouge, LA

Summer, 1988-Travel Support to visit the Central Bureau of Statistics and Fridtjof Nansen Institute from the Central Bureau of Statistics, Oslo, Norway

Summer, 1988-Travel and summer support as a Visiting Scholar at Department of Applied Economics, Cambridge University, Cambridge, England and the Department of Economics, University of Gothenburg, Sweden from the Swedish Transport Institute and University of Gothenburg

Summer, 1988-Travel support to present a paper at the Third Annual North Sea Conference of the British Institute of Energy Economics, London, England, June 27-28, 1988, from the British Institute of Energy Economics

Summer, 1987-Partial Support as a Visiting Research Scholar from the International Institute of Applied Systems Analysis, Laxenburg, Austria

Summer, 1986-Summer Research Grant-Modeling the Norwegian Troll Contract, Norwegian Central Bureau of Statistics, Oslo, Norway

Summer, 1986-Travel Grants from Center for Energy Studies, Louisiana State Univ. for Asian Energy Conferences and from the Fridtjof Nansen Institute for presentation in Oslo, Norway

Summer, 1985-Research Grant-"The Efficiency of Energy Product Markets." from Louisiana State University, Baton Rouge, LA

Summer, 1985-Travel Grant for China Delegation, Center for Energy Studies, Louisiana State University, Baton Rouge, LA

Summer, 1983-Co-author-Research Grant "Impact of the Yamal Soviet Gas Pipeline on Western Europe's Energy Cost," University of Wisconsin, Milwaukee, WI

Summer, 1978-Research Grant for "An Econometric Model of Refinery Supply" Wayne State University, Detroit, Michigan

1975-76-Resources for the Future-Thesis Fellowship-"Demand for Gasoline"

1975-Summer Internship-U.S. Federal Energy Administration-"Demand for Gasoline."

1968-69-Wisconsin Legislative Scholarship, University of Wisconsin, Madison, WI

1965-66-Tuition Remission Scholarship, University of Wisconsin, Madison, WI

Summer, 1963 – U.S. NSF, Science Training Program, University of Wisconsin, Madison, WI

### **SHORT COURSES, VISITING PROFESSOR, RESEARCH SCIENTIST, SCHOLAR, AND INTERNSHIPS**

1. Taught course "Energy Economics (distance course)" as an Adjunct Professor, Academy of Chinese Energy Strategy (ACES), Chinese University of Petroleum, Beijing (CUPB), April 28 – July 15, 2020. (Remote format)
2. Taught course "Energy Economics" as an Adjunct Professor, Academy of Chinese Energy Strategy (ACES), Chinese University of Petroleum, Beijing (CUPB), March 18 – April 15, 2019.
3. Taught course "Energy Economics" as an Adjunct Professor, Mineral and Energy Economics Program, Colorado School of Mines, Fall 2014, Fall 2017, Fall 2018.
4. Taught course "Energy Economics" as an Adjunct Professor, Academy of Chinese Energy Strategy (ACES), Chinese University of Petroleum, Beijing (CUPB) and at the Chinese University of Petroleum, Karamay, April 22-May 25, 2018.
5. Taught course "Energy Economics" as an Adjunct Professor, Academy of Chinese Energy Strategy (ACES), Chinese University of Petroleum, Beijing (CUPB), May 15-29, 2017.
6. Taught course "Energy Economics and International Energy Markets" for Nanjing University of Aeronautics and Astronautics Summer Lecture Program, Nanjing, China, July 4 - 15, 2016.
7. Taught course "Energy Economics" as an Adjunct Professor, Academy of Chinese Energy Strategy (ACES), Chinese University of Petroleum, Beijing (CUPB), March 6-31, 2016.
8. Taught course "Energy Economics " as a Visiting Professor, Department of Business Administration, Technology and Social Sciences, Luleå University of Technology, Sweden, Jan 21-February 22, 2016.
9. Taught course "Energy Economics" as an Adjunct Professor, Academy of Chinese Energy Strategy (ACES), Chinese University of Petroleum, Beijing (CUPB), April 22-May 22, 2015.
10. Taught short course "Energy Economics" and worked on related training videos for Saudi Aramco, Dhahran, Saudi Arabia, December 15, 2014 to January 15, 2015.
11. Taught short courses on "Topics in Energy Economics" and "Energy and the Environment," Chinese University of Petroleum, Beijing, China, March 30-May 30, 2014

12. Taught a short course on "Topics in Energy Economics" at the Chinese University of Petroleum in Beijing June 1-14, 2013
13. Series of lectures on Energy Economics and International Energy Markets, King Abdullah Petroleum Studies and Research Center, Dhahran, Saudi Arabia, May 5 - May 21, 2012.
14. Taught a short course on Energy Economics and International Energy Markets at the Mongolian University of Science and Technology, Ulan Bator, Mongolian, Feb. 13, 2012.
15. Co-Director of and presenter at the Interactive Workshop Seminar 31, Contemporary Challenges of Economics and Management in Oil & Gas Industry, Petroleum Engineering Summer School organized by University of Zagreb, Faculty of Mining, Geology, and Petroleum Engineering and the Inter-University Centre, Dubrovnik, Croatia, June 6-11, 2011. Presented "Managing On The Margin: Energy Market Structure With Implications For Management," "Economics Of Environmental Policy In Energy Industries: Cleaning Up Their Act," and "Managing Risk Using Futures And Option"
16. Visiting Professor, Department of Economics, King Saud University, Riyadh, Saudi Arabia. March 5-April 22, 2011, May 15-June 4, 2011, May 20- June 19, 2012.
17. Taught a short course on Energy Economics at Energy Studies Institute, National University of Singapore, March 2-4, 2011.
18. Lecture series on Energy Economics at Nanjing University of Aeronautics and Astronautics, August, 2010.
19. Taught a short course on Energy Economics, University of Witwatersrand, Johannesburg, South Africa, July 2010.
20. Taught a short course, "Building Brazilian Global Leadership in Energy from Oil and Gas to Bio Fuels," São Paulo, Brazil, June 23-24, 2010
21. Visiting Scholar, Instituto de Eletrotécnica, Universidade de São Paulo, Brazil, June 11-July 4, 2010
22. Taught a short course on Energy Economics at Energy Studies Institute, National University of Singapore, July 13-17, 2008
23. Taught a short course on Energy Economics, Kiev School of Economics, Kiev, Ukraine, March 7-21, 2008
24. Visiting Scholar, United Arab Emirates University Al Ain, worked on research and participated in a proposal to develop an Energy Institute for UAE and made presentations, April, 2006
25. Visiting Scholar, Institute for International Energy Studies, National Iranian Oil Company, Tehran, Iran, Jan. 22, 2006-March 21, 2006. Taught course and short course in energy economics
26. Visiting Scholar, Department of Economics, George Washington University and Intern U.S. Department of Energy, Office of Policy and International Affairs, Washington, DC Jan. 30-July 31, 2004
27. Visiting Scholar, Department of Economics, University of Aberdeen, Aberdeen, Scotland, June 19-July 3, 2002

28. Visiting Scholar, Kazakhstan Institute of Management, Economics, and Strategic Research, Almaty, Kazakhstan, Feb. 23-May 14 and June 21-July 2, 1999. Taught environmental economics and energy economics
29. Visiting Scholar, Department of Economics, Laval University, Quebec, Canada, April 24-June 11, 1998
30. Visiting Scholar, Department of Applied Statistics and Computations, University of the Andes, Merida, Venezuela, Jan. 12 – Feb. 20, 1998. Taught a course Energy Economics
31. Visiting Scholar, Business School, University of Alaska – Anchorage. May 23-June 17, 1997
32. Visiting Scholar, Economic Research Centre, University of W. Australia, Nedlands, Perth, W. Australia, June 4-July 10, 1993
33. Visiting Scholar, Institute D'Economie et de Politique de L'Energie, Laboratoire du Centre National de La Recherche Scientifique, Grenoble, France, May 26-July 21, 1992
34. Visiting Scholar, Canadian Energy Research Institute, Calgary, Alberta, Canada. June 3-July 6, 1991
35. Visiting Scholar, Energy Lab, Massachusetts Institute of Technology, Cambridge, MA. Aug. 24 – Dec. 21, 1989
36. Visiting Scholar, Oxford Institute for Energy Studies, Oxford University, Oxford, UK. Jan. 22-June 2, 1990 and Aug.7 – Aug. 15, 1991
37. Visiting Scholar, Department of Operations Research, Stanford University, Stanford, CA. April 2-June 15, 1989
38. Visiting Scholar, Department of Applied Economics, University of Cambridge, Cambridge, England. May 20-June 20, 1988
39. Visiting Scholar, Department of Economics, University of Gothenburg, Gothenburg, Sweden. July 9-Aug. 16, 1988 and June 23-Aug. 9, 1990
40. Visiting Scholar, Fridtjof Nansen Institute, Oslo, Norway. Aug. 8-15, 1987
41. Visiting Scholar, International Institute of Applied Systems Analysis, Laxenburg, Austria, June 15-July 31, 1987
42. Visiting Scholar, Norwegian Central Bureau of Statistics, Oslo, Norway, June 15-August 30, 1986 and Aug. 1-Aug. 7, 1987
43. Visit. Assistant Professor of Economics and Research Scientist, Highway Safety Research Institute, U. of Michigan, Ann Arbor, MI, 1979-1980.
44. Summer Internship, 1975 U.S. Federal Energy Administration, Washington, DC

## **COURSES TAUGHT**

Large and small lectures of Introductory Macroeconomics and Statistics; Principles of Microeconomics; Intermediate classes in Statistics, Macroeconomics, and Microeconomics; Graduate Applied Microeconomics, Undergraduate and Graduate Econometrics; Undergraduate and Graduate Energy Economics; Undergraduate and Graduate Natural Resources, Undergraduate and Graduate Mathematical Economics, Undergraduate Environmental Economics, Ph.D. Research Philosophy, History of Economic Thought

## RESEARCH INTERESTS:

Energy Economics and Modeling, International Energy Markets

## ARTICLES PUBLISHED

1. Dahl, Carol A., Ben Gilbert, and Ian Lange (2020) "Mineral Scarcity on Earth: Are Asteroids the Answer?," *Mineral Economics: Raw Material Report*, Special Issue John Tilton's 80<sup>th</sup> Birthday, 33 (1-2), 29-43.
2. Zhao, X., Carol A Dahl, and Dongkun Luo (2019). "How OECD countries subsidize oil and natural gas producers and modeling the consequences: A review." *Renewable and Sustainable Energy Reviews* 104, 111-126.
3. Zhao, Xu, Dongkun Luo, Lu Kun, Xiaoyu Wang, and Carol A Dahl, (2019). "How the removal of producer subsidies influences oil and gas extraction: A case study in the Gulf of Mexico," *Energy*, 166(C), 1000-1012.
4. Bai, Yang and Carol A Dahl (2018) "Evaluating the Management of U.S. Strategic Petroleum Reserve during Oil Disruptions." *Energy Policy*, 117, June, 25-38.
5. Abdulbaqi , Dana, Carol A Dahl and Mohammed Al Shaikh, (2018) Enhanced Oil Recovery (EOR) as a Stepping Stone to Carbon Capture and Sequestration (CCS). *Mineral Economics* May, 31:1–2, pp 239–251 <https://doi.org/10.1007/s13563-018-0151-1>.
6. Akimaya, Muhammad and Carol A. Dahl (2018) "Estimating the Cross-Price Elasticity of Regular Gasoline with Respect to the Price of Premium Gasoline." *Journal of Transport Economics and Policy*. April.
7. Akimaya, Muhammad and Carol A. Dahl (2017) "Simulation of Price Controls for Different Grades of Gasoline: The Case of Indonesia." *Energy Economics*. (<https://doi.org/10.1016/j.eneco.2017.10.012>), 68, October, 373-382.
8. Zhang, Lei, Qing Yang, and Carol A. Dahl (2016) "Estimation of China's Coal Supply Ability: A Typological and Regional Analysis." *Systems Engineering — Theory & Practice*. 36(3), 650-663. (In Chinese, Chinese Title: 中国煤炭的供给能力\_基于供给方程的分析).
9. Dahl, Carol A., Michael Lynch, and James L. Smith (2016) "Introduction: Is the Genie Back in the Bottle?" *The Energy Journal*, 36 (Special Issue 1), "Is the Genie Back in the Bottle? Papers In Honor of M. A. Adelman," 1-20.
10. Bai, Y., C. A. Dahl, D.Q. Zhou, P. Zhou. (2014) "Stockpile Strategy for China's Emergency Oil Reserve: A Dynamic Programming Approach," *Energy Policy*, 73 (October), 12-20.
11. Zhang, Lei, Meng Han and Carol A. Dahl (2013) "Estimation of Coal Demand Elasticities in China: Time Volatility and Regional Differences," *Resources Science*, 35(10), October, 1977-1983. (In Chinese, Chinese Title: 中国煤炭需求弹性估算: 时间波动与区际差异).
12. Ajanovic, Amela, Carol A. Dahl and Lee Schipper (2012) "Modelling Transport (Energy) Demand and Policies – An Introduction" *Energy Policy, Special Issue on Transport Modelling*. 41(February), iii-xiv.
13. Hodge, Tyler J. and Carol A. Dahl (2012) "Power Marketer Pricing Behavior in the California Power Exchange," *Energy Economic*, 34(2):568-575. doi:10.1016/j.eneco.2011.05.003.
14. Dahl, Carol A. (2012) "Measuring Global Gasoline and Diesel Price and Income Elasticities," *Energy Policy, Special Issue on Transport Modelling*. 41 (February), 2–13.
15. Balistreri, Edward J., Ayed Al-Qahtani, and Carol A. Dahl (2010) "Oil and Petroleum Product Armington Elasticities: A New-geography-of-trade Approach to Estimation." *The Energy*

16. Al-Qahtani, Ayed· Edward J. Balistreri and Carol Dahl, (2007) "Estimating the U. S. Dollar Depreciation Effect On Oil Prices" *International Journal of Energy and Development.*" 33(1), 49-56.
17. Dahl, Carol A., Anthony Scott, and Rachael Hackney (2007) "What Goes Down Must Come Up." *Oil and Gas Journal*, September 3, 18-20, and September 10.
18. Dahl, Carol A. (2007) "Oil and Oil Product Demand" Contracted article for *Encyclopedia of Hydrocarbons*. Published by the *Istituto della Enciclopedia Italiana Treccani*, Rome Italy. (English and Italian)
19. Kamel, Sami and Carol Dahl (2004) "The Economics of Hybrid Power Systems for Sustainable Desert Agriculture in Egypt," *Energy*, 30(8), June: 1219-1497.
20. Dahl, Carol A. (2002) "Energy Demand and Supply Elasticities," Invited article for the Energy Policy Theme in *Encyclopedia of Life Support Systems*.
21. Ko, James and Carol Dahl (2001) "Interfuel Substitution in U.S. Electricity Generation," *Applied Economics*, 33: 1833-1843.
22. Dahl, Carol and Kurtubi (2001) "Estimating Oil Product Demand in Indonesia: Error Correction Models Compared to Lagged Endogenous," *OPEC Review*, XXV(1), March:1-25.
23. Dahl, Carol A. and Karlygash Kuralbayeva (2001) "Energy and the Environment in Kazakhstan," *Energy Policy*, 29(6): 429-440.
24. Dahl, Carol A. (2000) "Supply and Demand and Energy Prices," Invited article for *Macmillan Encyclopedia of Energy* edited by John Zumerchik, Macmillan Reference USA: New York.
25. Dahl, Carol A. and Meftun H. Erdogan. (2000) "Energy and Interfactor Substitution in Turkey," *OPEC Review*, March: 2-22.
26. Dahl, Carol A. and Aggei Semenov (1999) "The Game of Kazakh Oil: Is the Game Worth the Candle," *Kazakhstan Oil*, Centennial Edition, September.
27. Mendonça, Augusto and Carol A. Dahl (1999) "The Brazilian Electrical System Reform," *Energy Policy*, 27: 73-83.
28. Dahl, Carol A. and James Ko (1998) "The Effect of Deregulation on US Fossil Fuel Substitution in the Generation of Electricity," *Energy Policy*, 26(13): 981-988.
29. Dahl, Carol A., and Thomas Duggan (1998). "Survey of Price Elasticities from Economic Exploration Models of US Oil and Gas Supply," *Journal of Energy Finance and Development*, 3(2): 129-169.
30. Dahl, Carol A. and McDonald, Lisa A. (1998) "Forecasting Energy Demand in the Developing World," *Energy Sources*, 20 (9), November: 875-889.
31. Dahl, Carol A. and Thomas K. Matson (1998) "Evolution of the US Natural Gas Industry in Response to Changes in Transaction Costs," *Land Economics*, 74(3):390-408.
32. Erdogan, Meftun and Carol A. Dahl (1996) "Energy Demand in Turkey," *Journal of Energy and Development*, 21(2):173-188.
33. Dahl, Carol A. and Thomas Duggan (1996). "U. S. Energy Product Supply Elasticities: A Survey and Application to the U.S. Oil Market," *Resources and Energy Economics*. 18:243-263.
34. Dahl, Carol A. (1995) "Demand for Transportation Fuels: A Survey of Demand Elasticities and Their Components" *Journal of Energy Literature*, 1(2), Fall: 3-27.



35. Dahl, Carol A. and Mine Yücel (1995) "Protectionist Oil Policies: A Dynamic Comparison for the USA," *Energy Policy*, 23(7): 599-605.
36. Dahl, Carol A. and Meftun Erdogan (1994) "Oil Demand in the Developing World: Lessons from the 1980s Applied to the 1990s," *The Energy Journal*, Special Issue: 69-85.
37. Dahl, Carol A. (1994) "A Survey of Energy Demand Elasticities for the Developing World," *Journal of Energy and Development*, Vol 18 (I), Autumn: 1-48.
38. Dahl, Carol A. (1994) "A Survey of Oil Product Demand Elasticities for Developing Countries," *OPEC Review*, XVIII(1): 47-87.
39. Dahl, Carol A. (1993) "A Survey of Oil Demand Elasticities for Developing Countries," *OPEC Review*, XVII (4), Winter: 399-419.
40. Dahl, Carol A. and Garcia Barre, W. J. (1993) "Reformulated Gasoline More Profitable in Venezuela than in U.S." *Oil and Gas Journal*, 91(25), June 21: 72-75.
41. Dahl, Carol A. and E. Gjelsvik (1993) "European Natural Gas Cost Survey," *Resources Policy*, 19(3), September:185-204.
42. Dahl, Carol A. (1992) "Regional Costs of Natural Gas" in American Gas Association, *Forecast Review*, 1, April: 21-38.
43. Dahl, Carol A. and Mine Yücel (1992) "Modeling Macroeconomic Impacts of U.S. Oil Protectionist Policies," in *International Issues in Energy Policy, Development, and Economics*, , CO: Westview Press, Inc. edited by James P. Dorian and Fereidun Feshheraki, Boulder: 145-162.
44. Sterner, Thomas; Carol A. Dahl, and Mikael Franzen, (1992) "Gasoline Tax Policy, Carbon Emissions, and the Global Environment," *Journal of Transport Economics and Policy*, May: 109-119.
45. Dahl, Carol A. (1992) "Survey of Energy Demand for Developing Countries," Energy Modeling Forum, Report 11, *International Oil Supplies and Demands*, Stanford University, (April): 231-281.
46. Sterner, Thomas and Carol A. Dahl (1992) "Modelling Transport Fuel Demand" in *International Energy Modelling*, London: Chapman and Hall, edited by Thomas Sterner.
47. Dahl, Carol A. and Sterner, Thomas (1991) "Analyzing Gasoline Demand Elasticities: A Survey," *Energy Economics*, July, 13(3):203-210.
48. Dahl, Carol A. and Yücel, Mine (1991) "Testing Alternative Hypothesis of Oil Producer Behavior," *Energy Journal*, 12(4):117-138.
49. Dahl, Carol A. and Sterner, Thomas (1991) "A Survey of Econometric Gasoline Demand Elasticities," *International Journal of Energy Systems*, 11(2):53-76.
50. Dahl, Carol A. (1991) "U.S. and World Oil Production in the 1980's" in *After the Oil Price Collapse: OPEC, the United States, and World Oil Markets*, edited by Wilfred Kohl, Johns Hopkins Press, Baltimore, MD.
51. Dahl, Carol A. and Yücel, Mine (1990) "Good News for OPEC?" *Oxford Energy Forum*, Vol. 1(3): 11.
52. Dahl, Carol A. and Yücel, Mine (1990) "Iraqi Tank Diplomacy: Long Run Optimizing or Short Run Expediency" (Summer) *Louisiana Energy Indicators*.
53. Yücel, Mine and Carol A. Dahl (1990) "Reducing U.S. Oil-Import Dependence: A Tariff, Subsidy, or Gasoline Tax?" *Economic Review*, Dallas, TX: Federal Reserve Bank of Dallas, May: 17-25.

54. Dahl, Carol A. (1989) "Spatially Analyzing the Impact of a 'No New Nuke's Policy' on European Natural Gas Markets," *Energy Economics* Vol. 11(4), October: 262-274.
55. Dahl, Carol A. and Gjelsvik, E. (1989) "Simulating Norwegian Troll Gas Prospects in a Competitive Spatial Model," *Resources and Energy*, Vol. 11(1): 35-63.
56. Boyd, R. and Carol A. Dahl (1987/88) "Regional Effects of a Gasoline Tariff in a Two Good Spatial Equilibrium Model," *Energy Systems and Policy*, Vol. 11: 267-285.
57. Dahl, Carol A. (1986) "Gasoline Demand Survey," *Energy Journal*, Vol. 7(1): 67-82.
58. Dahl, Carol A. (1985) "Do Gasoline Demand Elasticities Vary?" A Reply," *Land Economics*, 61:2, October: 201-204.
59. Dahl, Carol A. and Laumas, G. S. (1984) "Stability of Canadian Refinery Response to Relative Petroleum Product Prices," *Applied Economics*, 16 (5), October: 667-675.
60. Dahl, Carol A. (1984) "Vertical Equity Effects and Total Losses for Emergency Allocation Schemes for the Gasoline Market," *Applied Economics*, 16 (1): 25-32.
61. Dahl, Carol A. (1983) "An Analysis of Short-Run Consumer Demand for Gasoline Using Household Survey Data: A Comment," *Review of Economics and Statistics*, August: 532-533.
62. Dahl, Carol A. (1982) "Welfare Effects of Energy Price Decontrol," *Economic Letters*, 10: 173-178.
63. Dahl, Carol A. (1982) "Do Gasoline Demand Elasticities Vary?" *Land Economics*, August:373-382.
64. Dahl, Carol A. (1981) "Refinery Mix in the U. S., Canada, and E.E.C.," *European Economic Review*, 16: 235-246.
65. Dahl, Carol A. and Laumas, G.S. (1981) "Stability of U. S. Petroleum Refinery Response to Relative Product Prices," *Energy Economics*: 30-35.
66. Richardson, B.; Barnett, W.S.; Carol A. Dahl; Roberts, D.; and Jocelyn, K. (1980) *An Overview of Selected National Level Energy Transportation Models*, University of Michigan Press, Ann Arbor, Mich., 1980.
67. Dahl, Carol A. (1979) "Consumer Adjustment to a Gasoline Tax," *Review of Economics and Statistics*, August: 427-432.
68. Dahl, Carol A. (1978) "American Energy Consumption 'Extravagant or Economical': A Case Study of Gasoline," *Resources and Energy*: 359-373.

## BOOKS

1. Dahl, Carol A. (2015) *International Energy Markets: Understanding Pricing, Policies, and Profit*, 2nd Edition, Tulsa, OK: Pennwell Press.
2. Dahl, Carol A. (2008) *Međunarodna Tržišta Energije: Cijene, politike i profiti*, Kigen Press: Zagreb, Croatia. Croatian translation of International Energy Markets.
3. Dahl, Carol A. (2006) *International Energy Markets: Understanding Pricing, Policies, and Profit*, (2006), Petropub, China, Chinese translation of International Energy Markets.
4. Dahl, Carol A. (2004) *International Energy Markets: Understanding Pricing, Policies, and Profit*, Tulsa, OK: Pennwell Press, March.
5. Dahl, Carol A. (1983) *Demand for Gasoline*, in *Outstanding Dissertations in Economics*, 2nd Series, Garland Publishing Co., New York, NY.

## BOOK REVIEWS

1. *Petroleum Resource Management, How Governments Manage Their Offshore Petroleum Resources* by John A. P. Chandler, *The Energy Journal*, 40(6), 283-286, 2019.
2. *The Political Economy of Clean Energy Transitions* edited by Douglas Arent, Channing Arndt, Mackay Miller, Finn Tarp, and Owen Zinaman. (Oxford Scholarship Online, 2017) in *The Energy Journal*, 40(5), 269-277, 2019.
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9. *Wheel of Fortune* by Thane Gustafson ,(Belknap Press of Harvard University Press, 2012) in *The Energy Journal*, 2015, 36(3), 363-364.
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11. *International Handbook on the Economics of Energy* edited by Joanne Evans and Lester C. Hunt, (Edward Elgar: Cheltenham, UK, Camberley, UK, Northampton, MA, USA. 2009) Reviewed in *The Energy Journal* 32(2), 2011, 229-239.
12. *The Economics of Energy Vol I and II* by Paul Stevens, (An Elgar Reference Collection (2000)) Reviewed in *The Energy Journal* 27(3), 2006, 176-181.
13. *The Urban Household Energy Transition Social and Environmental Impacts in the Developing World* by Douglas F. Barnes, Kerry Krutilla, and William F. Hyde (2005), Washington D.C., Resources for the Future. Reviewed in *The Energy Journal*, 27(3), 2006, 171-173.
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19. *The Green Myth – Economic Growth and the Quality of the Environment* (2001) by Marian Radetsky, Multi-Science Publishing Co. Reviewed in *The Energy Journal*, 22(4), 2001, 133-135.
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21. *Energy Modelling Beyond Economics and Technology*, 1997, edited by B. Giovannini and A. Baranzini, Centre Universitaire d'étude des problèmes de l'énergie,. Reviewed in *The Energy Journal*, 20(3), 1999, 169-171.
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23. *Renewable Energy Strategies for Europe, Volume II. Electricity Systems and Primary Electricity Sources* by Michael Grubb and Roberto Vigotti. Reviewed in *Natural Resources Forum*, 22(2), May 1998.
24. *The Demand for Oil Products in Developing Countries* by Dermot Gately and Shane Streifel. Reviewed in *Journal of Energy and Development*, XXIII(1), 1997.
25. *The Energy Charter Treaty: An East-West Gateway for Investment and Trade*, edited by Thomas W. Wälde, Kluwer Law International: London, The Hague, Boston. Reviewed in *Resources Policy*, 23(4), 1997.
26. *The Economics of Energy Security* by Douglas R. Bohi and Michael A. Toman with a contribution by Margaret Walls, Kluwer Academic Publisher. Reviewed in *The Energy Journal*, 18(1), 1997, 129-131.
27. *Oil in the New World Order*, edited by Kate Gillespie and Clement M. Henry. University Press of Florida, Gainesville, FL. Reviewed in *Middle Eastern Economic Society Bulletin* 30. 1996.
28. *Handbook of Natural Resource and Energy Economics* edited by Allen V. Kneese and James L. Sweeney published by Elsevier, Amsterdam. Reviewed in *The Energy Journal*, 15(2), 1994.
29. *The Economics of Petroleum Supply* by M. A. Adelman published by MIT Press, Cambridge, Mass. Reviewed in *Nonrenewable Resources*, 3(4), 1994.
30. *Energy Demand: Evidence and Expectations* edited by David Hawdon, Surrey University Press in association with Academic Press Harcourt Brace Jovanovich Publishers, New York. Reviewed in *The Energy Journal*, 13(3), 1992, 295-296.
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32. *Recent Modelling Approaches in Applied Energy Economics* edited by Bjerkholt, Olay; Olsen, Eystein; and Vislie, John published by Chapman and Hall, London. Reviewed in *The Scandinavian Journal of Economics*, 1989.
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34. *The Econometrics of Energy Demand: A Survey of Applications*, by William A. Donnelly published by Praeger Publishers. Reviewed in *Journal of Energy and Development*, (Autumn), 1988.

#### **PRESENTATIONS WITH PUBLISHED PAPERS AND PROCEEDINGS:**

1. Abdulbaqi, Dana, Carol A Dahl and Mohammed AlShaikh, (2017) Enhanced Oil Recovery (EOR) as a Stepping Stone to Carbon Capture and Sequestration (CCS), International Association for Energy Economics, Singapore, June 18-21.
2. Zhao, Xu and Carol A. Dahl (2014) "How OECD Countries Subsidize Oil and Natural Gas Producers and Modeling the Consequences." The 37th Annual IAEE International Conference: Energy and the Economy, New York, NY, June 15-18.
3. Albinali, Ali and Carol A. Dahl (2014) "The Role of Hedging and Speculation in Recent Oil Price Formation Through Futures Markets," presented by Albinali at the Society of Petroleum Engineers Hydrocarbon Economics and Evaluation Symposium, Houston, TX May 19-20, 2014. (<http://dx.doi.org/10.2118/169851-MS>)
4. Al Yousef, Nourah and Carol A. Dahl (2012) "International Energy Economics Data: Sources, Differences, and Their Consequences." The 35th IAEE International Conference: Energy Markets Evolution Under Global Carbon Constraints, June 24-27, Perth, Australia.
5. Dahl, Carol A. and Yahya Anouti (2012) "Rationalizing Transport Fuels: Pricing Policies and Effects on Global Fuel Consumption and Emissions." Third Asian Meeting of the IAEE, Kyoto, Japan, Feb. 22-24.
6. Dahl, Carol A. and Afaf A. Abaalkhail (2011) "Measuring Long-Run Demand Elasticities for Petroleum Products in OPEC." The 30th USAEE/IAEE North American Conference International, Changing Roles of Industry, Government and Research, Washington, D.C., October 9-12.
7. Bai, Yang, Dequn Zhou, Peng Zhou, and Carol A. Dahl (2011) "Stockpile Strategy for China's Emergency Oil Reserve: A Dynamic Programming Approach." The 30th USAEE/IAEE North American Conference International, Changing Roles of Industry, Government and Research, Washington, D.C., October 9-12.
8. Dahl, Carol A. (2011) "A Global Survey of Electricity Demand" The 34th IAEE International Conference: Institutions, Efficiency and Evolving Energy Technologies, June 19-23, Stockholm School of Economics, Sweden.
9. Kar, D. P. and Carol A. Dahl (2010) "A Search for the Lowest Cost Electricity for Rural India Off-Grid Renewables or the Centralized Fossil-Grid?" The 33<sup>th</sup> International IAEE Conference, Rio de Janeiro, Brazil, June 6-9.
10. Dahl, Carol A., Barry Kapilow-Cohen, John Maples, and Mark Rodekoeh (2009) "International Energy and Transport Policies: Do They Matter?" The 32<sup>st</sup> International IAEE Conference, San Francisco, California, June 21-24.
11. Olaya, Yris, Arturo Vasquez, and Carol A. Dahl. (2009) "The Role of Global LNG Markets in Securing South America's Natural Gas Supply" presented by Olaya at the Second Latin American Meeting in Energy Economics. ELAEE. March 22-24, Santiago, Chile.
12. Al Dossary, Nasser and Carol A. Dahl (2008) "Global Markets for Transport Fuels," The 28<sup>th</sup> Annual North American USAEE/IAEE Conference, December 3-5, New Orleans, Louisiana.
13. Yusgiantoro, Luky and Carol Dahl (2008) "Developing a Dynamic Techno-Economic Gas Network Model for the Indonesian Natural Gas Market," presented by Yusgiantoro at the 2nd

- IAEE Asian Conference Energy Security and Economic Development under Environmental Constraints in the Asia/Pacific Region, Nov. 5-7, Perth, Australia.
14. Dahl, Carol A. and Leila Dagher (2007) "Electricity Demand Elasticities: A Survey and New Results," in *From Restructuring to Sustainability: Energy Policies for the 21st Century*, the 31<sup>st</sup> International IAEE Conference, Wellington, New Zealand, Feb 18-21
  15. Dahl, Carol A. (2006) "Energy Demand Elasticity Survey: A Primer and Progress Report," in *Energy in a World of Changing Costs and Technologies*. The 26<sup>th</sup> Annual North American USAEE/IAEE Conference, Ypsilanti, Michigan. September 24-27,
  16. Kar, D. P. and Carol Dahl (2005) "Fueling the Future of a Billion Poor with Renewable Energy: Lessons from an Economic Experiment in India's "JABA" Community," in *Fueling the Future: Prices, Productivity, Policies, and Prophecies*, the 25<sup>th</sup> Annual North American Conference of the United States and International Association for Energy Economics (USAEE/IAEE), Denver, Colorado, September 18-21.
  17. Dahl, Carol A., Yris Olaya, and Christopher Valdez (2005) "U. S. Demand for Natural Gas in a Global Context," in *Globalization of Energy Markets, Technology, Sustainability*, 29<sup>th</sup> International IAEE Conference, Taipei, Taiwan, June 3-6.
  18. Dahl, Carol A. and Carlos Roman (2004) "Energy Demand Elasticities Fact or Fiction? A Survey Update," in *Energy, Environment and Economics in a New Era*, 24<sup>th</sup> Annual North American Conference of the United States and International Association for Energy Economics (USAEE/IAEE), Washington, DC. July 7-10.
  19. Dahl, Carol A. (2003) "Will 20<sup>th</sup> Century Energy Sources Satisfy 21<sup>st</sup> Century Needs?" 51<sup>st</sup> Annual Economic Outlook Conference Program, University of Michigan, Ann Arbor, MI, Nov. 20-21.
  20. Kar, D.P. and Carol A. Dahl (2003) "A New Energy Paradigm for our Common Future: U.S./India Synergies in Renewable Electricity," in *Integrating the Energy Markets in North America: Issues & Problems, Terms & Conditions*, Conference Proceedings of the 23<sup>th</sup> Annual North American Conference of the International Association for Energy Economics, Mexico City, October 19-21.
  21. Dahl, Carol and Sami Kamel (2002) "The Economics of Hybrid Power Systems for Sustainable Desert Agriculture in Egypt," *Proceedings Sustainable Development of Energy, Water, and Environment Systems*, Dubrovnik, Croatia, June 2-7.
  22. Dahl, Carol A. and Luis Sosa (2001) "Energy Economics and Macroeconomic Policy," in *2001: An Energy Odyssey?*, the 24<sup>th</sup> Annual International Conference of the United States/International Association for Energy Economics, Houston, Texas, April 25-27.
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  24. Dahl, Carol A. and Karlygash Kuralbayeva (2000) "Energy and the Environment in Kazakhstan," in *Energy Markets & the New Millennium: Economics, Environment, Security of Supply*, in Papers and Proceedings for the 23<sup>rd</sup> Annual International Conference of the International Association for Energy Economics, Sydney, Australia, June 7-10.
  25. Sumaiku, Yohan, Carol A. Dahl and Wade Martin (1999). "Evaluating Air Pollution Externalities for Geothermal Energy in Indonesia," in *The Structure of the Energy Industries: The Only Constant is Change*, Conference Proceedings of the United States Association for Energy

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26. Dahl, Carol A. and Didier Strebelle (1999) "A Survey of Econometric Estimates for Natural Gas Demand," in *New Equilibria in the Energy Markets: The Role of New Regions and Areas*, in Papers and Proceedings for the 22nd Annual International Conference of the International Association for Energy Economics," Rome, Italy June 9-12.
27. Dahl, Carol A, Karlygash Kuralbayeva, and Anuar Aikynbayev (1999) "Environmental Experience in the United States with Lessons for Kazakhstan," in Symposium Proceedings Environmental Policy in Kazakhstan-The Existing Legal Basis and Possible Future Directions, sponsored by Economics and Strategic Research Institute, Kazakhstan Institute of Management and Environmental Policies and Institutions for Central Asia, March 24.
28. Dahl, Carol A., Andre Plourde and Paul Stevens (1998) "Educational Programs in Energy Economics," in *Technology's Critical Role in Energy & Environmental Markets*, in Conference Proceedings of the 19th Annual North American Conference of the International Association for Energy Economics International Energy Markets, Albuquerque, NM, Oct. 18-21.
29. Erdogan, Meftun H. and Carol A. Dahl (1998) "Turkish Industrial Demand for Energy: A Second Generation Dynamic Factor Demand Model," in *Technology's Critical Role in Energy & Environmental Markets*, in Conference Proceedings of the 19th Annual North American Conference of the International Association for Energy Economics International Energy Markets, Albuquerque, NM, Oct. 18-21.
30. Dahl, Carol A. and Hankyung Jhung (1998) "A Five Factor Decomposition of Korean Manufacturing Energy Intensity," in *Experimenting with Freer Markets: Lessons from the Last 20 Years and Prospects for the Future*, in Proceedings of the 21st Annual International Meeting of the International Association for Energy Economics, Quebec City, Canada, May 13-16.
31. Mendonça, Augusto and Carol A. Dahl (1998) "New Structure and Regulation for the Brazilian Electrical System," *Experimenting with Freer Markets: Lessons from the Last 20 Years and Prospects for the Future*, in Proceedings of the 21st Annual International Meeting of the International Association for Energy Economics, Quebec City, Canada, May 13-16.
32. Dahl, Carol A and Daniel Celta (1997) "Export and Domestic Pricing Decisions that Maximize OPEC Social Welfare," in *International Energy Markets, Competition and Policy*, in Conference Proceedings of the 18th Annual North American Conference of the International Association for Energy Economics International Energy Markets, San Francisco, Sept. 7-10.
33. Dahl, Carol A. and Thomas K. Matson (1996) "Implications of Transaction Costs Economics on Restructuring in the U.S. Natural Gas Industry," in *International Energy Markets, Competition and Policy*, in Conference Proceedings of the 17th Annual North American Conference of the International Association for Energy Economics, Boston, Mass, Oct 27-30.
34. Cabezas, Luis and Carol A. Dahl (1996) "Industrial Demand for Energy in Peru" in *Proceedings of the Mexican Association for Energy Economics, 2nd Annual Congress, Energy Transitions in Mexico, Central, and South America*, Mexico City, September 23-25.
35. Dahl Carol A. and Meftun Erdogan (1996) "An Econometric Analysis of Energy Demand and Interfactor Substitution in Turkey," in *Global Energy Transitions with Emphasis on the Last Five Years of the Century*, Conference Proceedings for the 19th Annual International Meeting of the International Association for Energy Economics, Budapest, Hungary, May 27-30, 74-83.
36. Dahl Carol A. and Kurtubi (1996) "An Econometric Analysis of the Effect of Changes in the Automobile Import Tax and a Gasoline Tax in Indonesia," in *Global Energy Transitions with Emphasis on the Last Five Years of the Century*, Conference Proceedings for the 19th Annual International Meeting of the International Association for Energy Economics, Budapest, Hungary,

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37. Chermak, Janie, Carol A. Dahl, and Robert Patrick (1995) "Modeling Uncertainty in Producing Natural Gas from Tight Sands," in *Into the Twenty-First Century: Harmonizing Energy Policy, Environment, and Sustainable Economic Growth*, Conference Proceedings of the 18th International Conference of the International Association for Energy Economics, July 5-7, Washington, DC, 315-324.
38. Chermak, Janie, Carol A. Dahl, and Robert Patrick (1995) "Modeling Uncertainty in Producing Natural Gas from Tight Sands," in *Mineral Resources: Managing Dilemmas and Opportunities*, Papers and Proceedings of the 4th Annual Professional Program of the Mineral Economics and Management Society, Boulder, Colorado, March 9-11.
39. Dahl, Carol A. and Thomas E. Duggan (1994) "Results from A Survey of Energy Supply Elasticities for the U.S.," in *The World Oil & Gas Industries in the 21st Century*, Papers and Proceedings of the 16th International Conference of the International Association for Energy Economics, Dallas, TX, November 6-9.
40. Dahl, Carol A. and Meftun Erdogan (1994) "Econometric Energy Demand and Supply Elasticities: Truth of Fiction?" Conference Proceedings of the 17th Annual International Conference of the International Association for Energy Economics, Volume I, Stavanger, Norway, May 25-27.
41. Dahl, Carol A. (1993) "Findings from a Survey of Energy Demand Elasticities in the U.S." *Energy and the Environment*, Papers and Proceedings of the 15th International Conference of the International Association for Energy Economics, Seattle, Washington, October 10-13, 1-13.
42. Dahl, Carol A. and Lisa McDonald, (1993) "Energy Demand Elasticities in the Developing World and Their Implications for Global Carbon Emissions," *Energy, Environment and Sustainable Development: Challenges for the 21st Century*, Papers and Proceedings of the 16th International Conference of the International Association for Energy Economics, Bali, Indonesia, July 26-29.
43. Dahl, Carol A. (1992) "Energy Demand Elasticities in the Developing World and Their Implications for Future Energy Markets," in *Planning for the Year 2000 and Beyond: Energy Markets and the Economy*, Papers and Proceedings of the 14th Annual North American Conference of the International Association for Energy Economics, New Orleans, October 26-28.
44. Dahl, Carol A. (1992) "Quantifying Uncertainties in Forecasting Energy Demands for Developing Countries," in *Coping with the Energy Future: Markets and Regulations*, Proceedings of the Fifteenth Annual International Meeting of the International Association for Energy Economics, Tours, France, May 18-20, 2(L-1 to L-8).
45. Dahl, Carol A. and Mine Yücel (1991) "Modeling Macroeconomic Impacts of U.S. Oil Protectionist Policies," *Global/Pacific Markets*, Proceedings of the Fourteenth Annual International Meeting of the International Association for Energy Economics: 255-273, Honolulu, Hawaii, July.
46. Dahl, Carol A. and Eystein Gjelsvik (1990) "The Effects of a Carbon Tax on European Natural Gas Markets" Proceedings of the Thirteenth Annual International Meeting of the International Association for Energy Economics, Copenhagen, Denmark, June 19-21.
47. Dahl, Carol A. and David Bradford (1989) "Preliminary Report on a Cost Benefit Study of Mandated Ethanol Gasoline Blends" *Energy Markets in the 1990s and Beyond*, Proceedings of the Eleventh Annual North American Meeting of the International Association for Energy Economics, Los Angeles, CA, Oct. 16-18, 226-237.
48. Dahl, Carol A. and Mine Yücel (1988) "OPEC Market Behavior," in *Competition, Profitability, and Policy in the Energy Industries*, Proceedings of the 10th Annual North American Meeting of the International Association for Energy Economics, Houston, TX, Oct. 31-Nov 2, 8-19.



49. Dahl, Carol A. and Jochen Jungeilges (1986) "The Effect of Functional Form on Japanese Energy Demand Elasticity Estimates," in *Energy Decisions for the Future: Challenge and Opportunity* Vol 1, ed. by Mitsuru Miyata and Kenichi Matsui, Proceedings of the Eighth Annual International Conference of the International Association of Energy Economists, June 5-7, Tokyo, Japan.
50. Dahl, Carol A. (1986) "Energy Demand Elasticities in Developing Countries," in Papers and Proceedings International Association of Energy Economists Regional Energy Workshop, May 26-28, Katmandu, Nepal.
51. Dahl, Carol A. and Kristin Graves (1986) "Financial Evaluation of Energy Conservation Investments Under Alternative Economic Conditions," in *Energy Decisions for the Future: Challenge and Opportunity*, Vol. 1. ed. by Mitsuru Miyata and Kenichi Matsui, Proceedings of the Eighth Annual International Conference of the International Association of Energy Economists, June 5-7, Tokyo, Japan: 408-423.
52. Dahl, Carol A. and Roy Boyd (1985) "Costs and Benefits of a Gasoline Tariff," in *World Energy Markets Stability or Cyclical Change?*, ed. William F. Thompson and David J. DeAngelo, Proceedings of the 7th Annual North American Meeting of the International Association of Energy Economists, December 10-13, 1985, Philadelphia, PA.: 81-95.
53. Dahl, Carol A. (1985) "Gasoline Demand Survey" in *Journal: People to People Energy Delegation to the Peoples Republic of China* ed. Joy Dunkerley, Citizen Ambassador Program, People to People International, Spokane, Wash. June 20-July 11.
54. Dahl, Carol A. (1985) "Effects of the Yamal Soviet Gas Pipeline on Western European Energy Costs" in *Journal: People to People Energy Delegation to the Peoples Republic of China* ed. Joy Dunkerley, Citizen Ambassador Program, People to People International, Spokane, Wash. June 20-July 11.
55. Dahl, Carol A.; E. H. Pechan, K. Graves; and D.L. Turner (1985) "Projecting Future Utility SO<sub>2</sub> Emissions," in *Energy and Economy Global Interdependencies, Vol. 9: Implications of Environmental Issues*, ed. Mark Baier, Papers presented at the 7th Annual International Meeting of the International Association of Energy Economists, June 3-5, Bonn, W. Germany: 33-45.
56. Dahl, Carol A. and Roy Boyd (1985) "The Effects of the Soviet Gas Pipeline on Western European Energy Markets: Econometric Estimates," in *Energy and Economy Global Interdependencies, Vol. 2: Coal and Gas in Energy Markets* ed. Mark Baier, Papers presented at the 7th Annual International Energy Economists Association Meeting, June 3-5, Bonn, W. Germany: 81-97.

#### **OTHER PRESENTATIONS, VISITS, WORKSHOPS, PANELS, EDITORIAL WORK**

1. Dahl, Carol A. and Magnus Erickson (2020) "Introduction," *Mineral Economics: Raw Material Report*, Special Issue John Tilton's 80<sup>th</sup> Birthday, 33 (1-2), 1-2.
2. Dahl, Carol A. and Magnus Erickson (2020) Co-editors for *Mineral Economics: Raw Material Report*, Special Issue John Tilton's 80<sup>th</sup> Birthday, 33 (1-2).
3. Media interview with wallethub.com, July, 2020, <https://wallethub.com/edu/energy-costs-by-state/4833/#expert=carol-a-dahl>.
4. Co-editor special issue, *Mineral Economics: Raw Material Report*, Special Issue John Tilton's 80<sup>th</sup> Birthday, 33 (1-2) 2020.
5. Organized and chaired Plenary Session (2019) "Paths to a Sustainable Future" at United States/International Association for Energy Economics, 37<sup>th</sup> North American Conference. Denver, CO, November 3-6.
6. Dahl, Carol A. and Lindon Belshe (2019) "The Effect of Subsidy Removal on Gasoline and

Diesel Fuel Consumption and Carbon Emissions” presented at 42nd conference of the International Association for Energy Economics, Local Energy, Global Markets, Montreal, Canada, May 29-June 1.

7. Dahl, Carol A. and Ensieh Shojaeddini (2019) “Is Diesel Demand as Price and Income Elastic as Gasoline Demand?” presented at 42nd conference of the International Association for Energy Economics, Local Energy, Global Markets, Montreal, Canada, May 29-June 1.
8. Dahl, Carol A. (2019) "The Shale Gale: Recent Developments in North American Natural Gas Markets presented to School of Economics and Management at Chinese University of Petroleum, Qingdao, China, April 1.
9. Dahl, Carol A. and Yang Bai (2018) "Managing the U.S. Strategic Petroleum Reserve (SPR): Can We Do Better?" 41st IAEE International Conference June 10-13 in Groningen, The Netherlands.
10. Dahl, Carol A. (2018) "The Shale Gale: Recent Developments in North American Natural Gas Markets. Presented at Southwest University of Petroleum Sechuan, China, May 2.
11. Dahl, Carol A. (2017) "Oil Product Demand: Where Have We Been and Where Are We Going?" United States/International Association for Energy Economics, 35<sup>th</sup> North American Conference. *Houston, TX, November 12-15.*
12. Abdulbaqi , Dana, Carol A Dahl and Mohammed AlShaikh, (2017) Enhanced Oil Recovery (EOR) as a Stepping Stone to Carbon Capture and Sequestration (CCS), Energy Policy Research Conference, Page, Utah, September. 7-8 (presented by Dahl).
13. Co-Editor on a Special Issue of *The Energy Journal*, 36 (Special Issue 1), "Is The Genie Back in the Bottle? Papers In Honor of M. A. Adelman," Published January 2016.
14. "Energy and Development: Climbing the Energy Ladder," Presented to the Global Energy Forum, November 4-6, 2015, Lima Peru.
15. "World Oil Markets" Presented to the Economics Group, Osinergmin (The Peruvian Energy Regulatory Agency), Lima, Peru, November 12, 2015,
16. On International Advisory Board, Economics Group, Department of Business Administration, Technology and Social Sciences, Luleå University of Technology, January 2015-date.
17. Power for Africa 1 LED at a time" presented at the Energy Africa Conference 7th Annual Conference & Business Symposium, Colorado School of Mines, Golden, CO, November 13-14, 2014.
18. "Energy Market Models" presented to Chevron Fellows Mentoring Excellence in Technology Conference, Pasadena, CA, October 30, 2014.
19. "Money and Power", Radio Interview for Blastercast, Colorado School of Mines Broadcasting Club, aired September 23, 2014. Available at <http://blastercast.libsyn.com/dr-carol-dahl-019-money-and-power>.
20. "Energy Markets Past, Present, Future" presented to the Energy and Environmental Group, Chinese Academy of Science, Beijing, China, May 21, 2014
21. "The Shale Gale: Recent Changes in North American Oil and Gas Markets" presented to the College of Economics and Management, Nanjing University of Aeronautics and Astronautics, Nanjing, China May 12, 2014, to the School of Management, Chinese University of Mining Technology, Xuzhou, China, May 16, 2014, and to the Business School, Chinese University of Petroleum, Beijing, May 20, 2014.
22. "North American Oil and Gas Markets: Their Past and Their Potential" presented to Oman Ministry of Oil and Gas, Muscat, Oman, March 24, 2014.

23. Opponent on the Ph.D. thesis, *Five Essays Relating to Environmental Issues* by Anna Widerburg, Department of Economics, University of Gothenburg, Gothenburg, Sweden, June 13, 2012.
24. Co-editor on "Modelling Transport (Energy) Demand and Policies," Special Section of *Energy Policy*, 41, February, 2012.
25. Organizing committee and session chair, "Hot Topics in Energy Modeling," at the 12<sup>th</sup> annual IAEE/ASSA annual meeting to be held in Denver, Colorado, January 4-8, 2011.
26. External Examiner for Fatemeh Nazifi, "Linkages Among Carbon and Energy Markets, Ph.D. candidate, MacQuarie University, Sydney, Australia, 2011.
27. Presentation "Econometric Energy Demand Elasticities: A Walk Down Memory Lane Calgary," presented at the 29<sup>th</sup> Annual North American CAEE/USAEE/IAEE Conference, October 14-16, Calgary, Canada.
28. Presentation "Demand Factors Shaping Long-Run Price Paths (Elasticities)," Forum on Oil Price Determinants, sponsored by the Energy Modeling Forum (EMF), Stanford University and King Abdullah Petroleum Studies and Research Center (KAPSARC) at Resources for the Future, Washington, D.C., September 16-17, 2010.
29. Presentation "Bridges to Energy Sustainability: Funds and Fuels?" to Leadership Class, Curtin Business School, Curtin University, Perth, Australia, July 29, 2010.
30. Presentation "Why Economists Love Demand Elasticities with Applications in Energy Markets?" to Department of Economics, Curtin University, Perth, Australia, July 27, 2010.
31. Presentation "Is Natural Gas a Bridge to Sustainability?" to CEDA Trustees Breakfast, Graduate School of Business, Curtin University, Perth, Australia, July 26, 2010.
32. "Will 20TH Century Energy Resources Fill 21st Century Energy Needs," presented to Camara Americana de Comércio, São Paulo, Brazil, July 1, 2010.
33. "Oil and Gas Educational Options and Ideas," presented to Programa de Pós-Graduação em Energia da USP-PPGE São Paulo, Brazil, June 2, 2010.
34. Organizing Committee, "Energy Security for Renewables and Non-renewables," at the 11<sup>th</sup> annual IAEE/ASSA annual meeting, Atlanta, GA, January 3-5, 2010.
35. External Examiner for Raymond Li, Ph.D. candidate, MacQuarie University, Sydney, Australia, 2009.
36. "Will 20TH Century Energy Resources Fill 21st Century Energy Needs," presented at Energy and Environmental Conference, Las Vegas, Nevada, October 29, 2008.
37. Presentations on International Energy Markets at Workshop on International Energy Markets to promote the publication of the Croatian version of my book. Zagreb, Croatia, October, 16, 2008.
38. Chair of Economics Sub-committee, Member committee on Understanding the Impact of Selling the U. S. Helium Reserve, Division on Engineering and Physical Sciences, Board on Physics and Astronomy, National Academy of Science, May 2007-June, 2009.
39. Al Qahtani and Carol Dahl (2008) "A Model For The Global Oil Market: Optimal Oil Production Levels For Saudi Arabia," 32<sup>st</sup> International IAEE Conference, Bridging Energy Supply and Demand: Logistics, Competition and Environment. Istanbul, Turkey, June 18-20.
40. Chair for session "Continuous Flux of Events – Oil Price Forecasting" at the Thirty-Fifth International Energy Conference *Volatility Is the Norm: Challenging Conventional Energy Assumptions* Sponsored by the International Research Center for Energy and Economic Development (ICEED), Boulder, Colorado, April 21-23, 2008.

41. Organized and chaired session "Hot Topics in Energy Modeling," at the 10<sup>th</sup> annual IAEE/ASSA annual meeting in New Orleans, Louisiana, January 4-8, 2008.
42. "Will 20<sup>th</sup> Century Energy Resources Fill 21<sup>st</sup> Century Energy Needs?" invited to be one of two keynote speakers, at the VII Seminario Internacional en Análisis y Mercados Energéticos (Energy Market Seminar), Medellín, Colombia, Nov. 29-30, 2007 (Travel was sponsored by the World Bank and local expenses paid by the National University of Colombia).
43. "Methods in Energy Modeling" invited presentations to the Diplomado in Economía Energética Universidad Nacional – UPME (Colombian Government National Energy and Minerals Planning Commission), Bogota, November 30, 2007.
44. "Will 20<sup>th</sup> Century Energy Resources Fill 21<sup>st</sup> Century Energy Needs," invited presentation at the South African Institute of Mining and Metallurgy in Johannesburg, South Africa, July 31, 2007.
45. Session Chair, "The Energy Situation in China and India." *Can OPEC's Power Expand?* 28<sup>th</sup> International Area Conference by the International Research Center for Energy and Economic Development. Boulder, Colorado, April 17-18, 2007.
46. "Gasoline Demand Elasticities," presented to EIA Energy Outlook: Modeling Data Conference, Washington D.C., March 28, 2007.
47. Organized and chaired session "Recent Topics in Energy Economics," 9<sup>th</sup> Annual International Association for Energy Economics/Allied Social Science Association, Chicago, January 5-7, 2007.
48. "Natural Gas Price Elasticities" Carol Dahl, Mark Chung, and Anna Pechatnikov, presented to Gas Forecasters Forum sponsored by the Southern Gas Association, Albuquerque, October 16-18, 2006.
49. "Optimal Expansion of the World Liquefied Natural Gas Market" Olaya, Yris, Alexander Newman, and Carol Dahl, International Symposium for Mathematical Programming, Rio de Janeiro, Brazil, July 31, 2006. (presented by Alexandra Newman)
50. "Will 20<sup>th</sup> Century Energy Resources Fill 21<sup>st</sup> Century Energy Needs," presented to  
Department Economics, Imam Sadig University, Tehran, Iran, 1/20/06.  
Department Economics, United Arab Emirates University (UAEU), Al Ain, 4/16&5/1/05  
Executive Seminar, Business School, Ajman University, UAE, 2/23/06.  
Department Economics, Petroleum Institute, Abu Dhabi, UAE, 4/25/06.  
UAEU and Abu Dhabi, Chamber of Commerce, Abu Dhabi, UAE 5/1/06
51. "Energy Demand Elasticities" presented to Department Economics, UAEU, Al Ain, Abu Dhabi, 4/22/06.
52. Solar Village Workshop, Orissa, India. March 18-19, 2006.
53. Organized session "Recent Topics in Energy Economics and Energy Modeling," for 8<sup>th</sup> Annual International Association for Energy Economics/Allied Social Science Association Meeting, Boston, MA, January 6-8, 2006.
54. "Energy Demand Elasticity Progress Report," presented to Saudi Aramco, January 2, 2006.
55. Workshop on the "World Petroleum Market" conducted for OSINERG, The Peruvian Energy Regulatory Commission, Lima Peru, November 23-24, 2005.
56. "Energy Demand Elasticities-Fact or Fiction: A Survey Update" National Energy Renewable Laboratory, Washington, D.C. November 10, 2005.
57. "Energy: Will 20<sup>th</sup> Century Sources Satisfy 21<sup>st</sup> Century Needs," Viva Summer Seminars,

University College, University of Denver, August 4<sup>th</sup>, 2005.

58. Conference co-chair 25<sup>th</sup> Annual North American Conference for the USAEE/IAEE "Fueling the Future: Prices, Productivity, Policies, and Prophecies." September 18-21, 2005.
59. Session Chair for "Development and Sustainability," at the Thirty Second International Energy Conference on Global Energy Supply: Proven, Probable and Potential sponsored by The International Research Center for Energy and Economic Development (ICEED), Boulder, Colorado, April 17-19, 2005.
60. "Strategies for Tracking Chinese and Indian Oil Demand " invited presentation to Oil Demand Workshop, Petroleum Market Analysis Department, OPEC Secretariate, Vienna, Austria, March , 25, 2005.
61. Organized session "Volatility in Energy Markets" for 7<sup>th</sup> Annual US/IAEE/ASSA Meeting Philadelphia, Pennsylvania, January 6-8, 2005.
62. Session Chair for "Japan's Oil and Gas Imports – Past and Future," at the Thirty First International Energy Conference sponsored by The International Research Center for Energy and Economic Development (ICEED), Boulder, Colorado, April 20, 2004.
63. Member of the Second Generation Model Advisory Panel for the U.S. Environmental Protection Agency's Science Advisory Board. Nov. 2004 – Jan. 2006.
64. Sanders, Jeffrey and Carol Dahl (2004) "Natural Gas Demand Elasticities in Storage Dependent Northeastern U.S. Natural Gas Markets, in *Energy, Environment and Economics in a New Era*, 24th Annual North American Conference of the (USAEE/IAEE), Washington, D.C. July 7-10.
65. "Oil Market Modelling Strategies " invited presentation to Oil Demand Workshop, Petroleum Market Analysis Department, OPEC Secretariate, Vienna, Austria, June 7-8, 2004.
66. Member Committee for a Study of the Long-term Viability of Fuel Taxes for Transportation Finance, Transportation Research Board, National Research Council, Washington D.C., August 1, 2003-August 1, 2005.
67. Attended 26<sup>st</sup> Annual International Conference of the International Association for Energy Economics, Prague, Czech Republic, June 4-7, 2003.
68. Opponent on the Ph.D. thesis, "Analysis of Mining Investments in Zimbabwe," by Ronald Chifamba, Department of Economics, University of Gothenburg, Gothenburg, Sweden, June 13, 2003.
69. Organized and chaired session "Recent Topics in Energy Economics and Energy Modeling," for 5<sup>th</sup> Annual International Association for Energy Economics/Allied Social Science Association Meeting, Washington, DC, January 5-7, 2002.
70. Session Chair for at the Twenty-Ninth International Energy Conference on Risk and Uncertainty: Challenges and Opportunities for the Energy Sector. Sponsored By: The International Research Center for Energy and Economic Development (ICEED), Boulder, Colorado, April 21-23, 2002.
71. Dahl Carol A. and Balazs Nagy (2002) Leading Edge Information Technologies for Energy Industries, Presented at the 25<sup>st</sup> Annual International Conference of the International Association for Energy Economics, Aberdeen Scotland, June 27-29.
72. Opponent on the Ph.D. thesis, "Essays on the Performance of Fire and Rescue Services," by Henrik Jaldel, Department of Economics, University of Gothenburg, Gothenburg, Sweden, June 11, 2002.
73. Organized and chaired session "Recent Topics in Energy Economics and Energy Modeling," for 4<sup>th</sup> Annual International Association for Energy Economics/Allied Social Science Association

Meeting, Atlanta, Georgia, January 4-6, 2002.

74. Opponent for Bo Jonsson's Ph.D. Dissertation, "Natural Gas in the Asia Pacific Region and the Japanese Electricity Market," Luleå Technical University, Luleå, Sweden, May 31, 2001.
75. Best Student Paper Committee, International Association for Energy Economics, 1999, 2000, 2001, 2002.
76. Filled in as Session Chair for an Econometrics Society Session at Allied Social Science Association Meeting, New Orleans, Louisiana, January 4-7, 2001.
77. Organized and chaired session "Recent Topics in Energy Economics and Energy Modeling," for 3<sup>rd</sup> Annual International Association for Energy Economics/Allied Social Science Association Meeting, New Orleans, Louisiana, January 4-7, 2001.
78. Participated in a Delphi Experiment conducted by Rand Corporation for Department of Energy, August and September, 2001.
79. Organized session "Topics in Energy Economics and Energy Modeling," for the 2<sup>nd</sup> Annual International Association of Energy Economics/Allied Social Science Association Meeting, Boston, Massachusetts, January 7-10, 2000.
80. Session Chair for "The New Balance of Private and Public Interests in the Restructuring of the Petroleum Industry: A European View" At the Twenty-First International Area Conference on National Oil Companies: Trends and Priorities, 2000-2010. Sponsored By: The International Research Center for Energy and Economic Development (ICEED), Boulder, Colorado, April 18-19, 2000.
81. On program committee for 20th Annual Meeting of the American Association for Energy Economics, Orlando, Florida, August 29-September 1, 1999.
82. Organized and chaired session "Energy and the Macroeconomy" 1<sup>st</sup> Annual International Association for Energy Economics/Allied Social Science Association meeting, New York, January 3-6, 1999.
83. Session Chair at the 22<sup>nd</sup> Annual International Conference of the International Association for Energy Economics," Rome, Italy June 9-12, 1999.
84. On program committee and Session Chair "Comparative Experiences in Electricity Deregulation," 21<sup>th</sup> Annual International Meeting of the International Association for Energy Economics, Quebec City, Canada, May 13-16, 1998.
85. On program committee and Session Chair "Comparative Experiences in Electricity Deregulation," 21<sup>th</sup> Annual International Meeting of the International Association for Energy Economics, Quebec City, Canada, May 13-16, 1998.
86. Chaired a session for 3 CSM graduate students at the Western Economics Association Meeting on "Energy Modeling," March 1998.
87. Had a day of visits February 26 arranged by the US Information Service, US Embassy in Paramibo, Surinam at Department of Economics, University of Surinam and Surinam National Oil Co.
88. Presented "US Energy Policy Past and Present and Its Implications for Venezuela," International Business School, Caracas, Venezuela. Feb 2, 1998 and University of Central Venezuela, Caracas, Venezuela, Feb 3, 1998 arranged by United States Information Service, US Embassy in Cararas, Venezuela.
89. Press Interview – Economía Hoy on current world oil market, Feb. 3, Caracas, Venezuela arranged by United States Information Service, US Embassy in Cararas, Venezuela.

90. Working-luncheon at CEDICE (Centro de Divulgación del Conocimiento Económico) – a business group promoting free enterprise in Venezuela. Caracas, Venezuela, attended and reported by the press, Feb 4 arranged by United States Information Service, US Embassy in Caracas, Venezuela.
91. "Forecasting Energy Demand" presented to CIED, PDVSA, the economic research group for the Venezuelan National Oil Company, Feb 4, 1998, Caracas, Venezuela arranged by United States Information Service, US Embassy in Caracas, Venezuela.
92. Presented "Energy Demand in Developing Countries," University of Zulia, Maracaibo, Venezuela, Feb 6, 1998, attended and reported by the press, arranged by the United States Information Service, US Embassy in Caracas, Venezuela.
93. "Energy Demand Modelling Survey," key note speaker at the Nordic Energy Demand Modelling Workshop, University of Gothenburg, Gothenburg Sweden, Oct 9-10, 1997.
94. Opponent on the Ph.D. thesis "Production of Coffee and Food Products in Uganda," by Mulugeta Yilma, Department of Economics, University of Gothenburg, Gothenburg, Sweden, June 3 1996.
95. Television interview on U.S. gasoline markets, Ch. 9, Denver, CO, May 1996.
96. "Evidence on Demand Elasticities-Modelling Results," Presented at the North American Natural Gas Workshop, Canadian Energy Research Institute, Calgary, Canada. March 11-12, 1996.
97. Presentation "Welfare Effects of Energy Price Subsidies" at the Conference "Evaluating Energy Subsidies: Informing Today's Policy Choices" sponsored the US Department of Energy and the US Environmental Protection Agency, September, 1995.
98. Opponent on the Ph.D. thesis "Energy Use in Peruvian Industry" by Luis Cabeza Vega, Department of Economics, University of Gothenburg, Gothenburg, Sweden, June 1, 1994.
99. "U.S. Energy Policy," presented to the Tasman Institute, Melbourne, Australia, July 20, 1993.
100. "OPEC Behavior Since 1973" presented to Institute D'Economie et de Politique de L'Energie, Grenoble, France, June 15, 1992.
101. "Modeling OPEC Behavior" presented at the CSM, February 8, 1991.
102. "Analyzing the Effect of Coordinated Global Environmental Policies on Transport Fuel Demand and Carbon Emissions," presented at the meeting of the European Association of Environmental and Resource Economists, Stockholm School of Economics, June 11-14, 1991 and at the International Energy Workshop at the International Institute of Applied Systems Analysis, Laxenburg, Austria, June 18-20, 1991 and at the International Symposium on Economic Modelling, University of London, July 9-11, 1991. (joint and presented by Thomas Sterner and Mikael Franzen).
103. "Dynamic Modeling and Testing of OPEC Behavior," presented at the Middle Eastern Economic Association Meetings, Dec. 28-30, 1990, Washington, D.C.
104. "Preliminary Draft of a Survey of Energy Demand Elasticities for Developing Countries and their Implications for the Future," presented at the American Economic Association Meetings, Dec. 28-30, 1990, Washington, D.C.
105. "Spatial Modeling of Energy Markets: Algorithms and Applications" presented to the Department of Economics, University of Osnabrück, Osnabrück, W. Germany, June 4, 1990.
106. "U.S. and World Oil Production and Production Costs in the 1980's" presented at the International Energy Seminar, The Johns Hopkins Foreign Policy Institute, Washington D.C., Nov. 28, 1989.
107. "Preliminary Report on a Cost Benefit Study of Mandated Ethanol Gasoline Blends" presented

at the Southern Economic Association Meeting, Orlando, FL. Nov 19-21, 1989 and to the Allied Social Science Meeting, Atlanta, GA. Dec 27-29, 1989. (joint with and presented by David Bradford).

108. "Dynamic Analysis of an Oil Import Fee for the U.S.," presented at the Association of Environmental Economists annual meeting at the Allied Social Science Convention, New York, December 1988. (joint with Mine Yücel).
109. "Spatial Modeling of a North Sea Gas Price," presented at the Third Annual North Sea Conference of the British Institute of Energy Economics, London, England, June 27-28, 1988.
110. "OPEC Market Behavior," presented to The Southern Economic Association Annual Meeting, November 1988, San Antonio, TX. and to the Econometrics Seminar, Department of Economics, University of New Hampshire, Durham, NH, Nov 10, 1989. (joint with Mine Yücel).
111. "Spatial Equilibrium Models: Energy Market Applications," Presented to the Energy and Environmental Systems Division at Argonne National Laboratory, Argonne, IL., May 16, 1988.
112. "Spatial Simulation of the Effect of a Nuclear Moratorium on European Natural Gas Markets to the Year 2000 Using a Two Commodity Model" presented to the Association of Environmental and Resource Economists at the Annual Allied Social Science Convention, Chicago, Dec. 28-30, 1987.
113. "The Availability of Coal Resources and Reserves," Presented by K. Graves at the Ninth International Meeting of the International Association for Energy Economics, Calgary, Canada, July 6-8, 1987. (joint with E. H. Pechan and K. Graves)
114. Member of an Energy Delegation from the Central Bureau of Statistics of Norway to the Organization of Oil Exporting Countries, Vienna, Austria, June 19, 1987.
115. Participated in the International Energy Workshop, June 16-18, 1987, Laxenburg, Austria.
116. "Simulating the Troll Contract in a Two Good Spatial Model" presented to: 1.)-The Central Bureau of Statistics, Oslo, Norway, May 25 1987; 2.)-The UN Natural Gas Symposium, on the Prospects for Natural Gas in the ECE to the Year 2000, Warsaw, Poland, May 27, 1987; 3.)-Neste Oy, the National Energy Company of Finland, Helsinki, Finland, June 10, 1987; 4.)-The International Institute for Applied Systems Analysis, Laxenburg, Austria, July 16, 1987; and 5.)-The Royal Ministry of Petroleum and Energy, Oslo, Norway, August 13, 1987.
117. Chairperson for Session 37, "Studies of Energy Demand" at the Eighth Annual North American Conference of the International Association of Energy Economists, Cambridge, MA, Nov. 19-21, 1986.
118. Discussant and presented paper "Simulating the Troll Contract in a Two Good Spatial Equilibrium Model," presented to Workshop on Natural Gas, Krager, Norway, August 27-29, 1986, sponsored by Statoil.
119. "The Effect of Troll Gas on European Energy Markets," presented to Fridtjof Nansen Institute, August 26, 1986, Oslo, Norway.
120. Discussant and panel member in Workshop on Energy Planning in South and Southeast Asia, Bangkok, Thailand, May 30-June 3, 1986.
121. Opponent on the Ph.D. thesis "Energy Use in Mexican Industry" by Thomas Sterner, Department of Economics, University of Gothenburg, Gothenburg, Sweden, January 17, 1986.
122. "Demand for Gasoline," presented to the Department of Economics, University of Gothenburg, Gothenburg, Sweden, January 15, 1986.
123. "Demand and Supply of Petroleum Products," presented to Statens Energiverk, Stockholm,



Sweden, January 14, 1986.

124. Member of a delegation of energy specialists to the Peoples Republic of China, June 20-July 11, 1985 sponsored by the China Energy Research Society of the China Association for Science and Technology in conjunction with the International Association of Energy Economists and the Citizen Ambassador Program of People to People International.
125. Chaired the session on "Industrial Applications of Econometrics: Automobile Demand" at the 4th International Forecasting Symposium, London Business School, London, England, July 8-11, 1984.
126. "Energy Modeling: The State of the Art," presented at the 4th Forecasting Symposium, London, England, July 8-11, 1984.
127. "Impact of the Soviet Gas Pipeline on Western Europe's Energy Costs: Econometric Estimates," presented at the American Economic Association Meetings, San Francisco, CA., Dec. 27-30, 1983.
128. Participant in OPEC Downstream Workshop, sponsored by the East West Center, Honolulu, Hawaii, February 22-27, 1983.
129. "Topics in Gasoline Demand," presented to Oak Ridge National Laboratory as a visiting research scientist, June 25, 1981.
130. Television interview with WISN, Milwaukee, Wisconsin, on energy topics, November 3 and November 11, 1980.
131. "Do Gasoline Demand Elasticities Vary?" presented to Los Alamos Scientific Laboratory as a visiting research scientist, September 25, 1980.
132. Discussant at the Eastern Economic Association, Fourth Annual Convention, April 27-29, 1978.
133. "Consumer Adjustment to a Gasoline Tax," presented to the American Statistical Association, Detroit Chapter, Detroit, Michigan, March 22, 1978.

#### **PH.D. THESES ADVISED OR CO-ADVISED**

1. Akimaya, Muhammad (2017) "The Economics of Gasoline Subsidy Cost Reduction Policy," Ph.D. Thesis, Mineral and Energy Economics Program, CSM, Golden, Colorado. (co-adviser)
2. Anouti, Yahya (2015) "Reforming Fossil Fuel Subsidies in Hydrocarbon-Rich Countries: The Case of Transport Fuels In Saudi Arabia." Ph.D. Thesis, Mineral and Energy Economics Program, CSM, Golden, Colorado. (co-adviser)
3. Kar, Durga Prasad (2010) "The Lowest Cost Electricity for a Poor Rural Village In India: Rural Grid Or Off-Grid SPV?" Ph.D. Thesis, Mineral and Energy Economics Program, CSM, Golden, Colorado.
4. Yusgiantoro, Luky (2010) "Dynamic Optimal Natural Gas Allocation for the Indonesian Domestic and Export Markets," Ph.D. Thesis, Mineral and Energy Economics Program, CSM, Golden, Colorado.
5. Dagher, Leila (2009) "Analysis of Sectoral Electricity and Natural Gas Demand at the Utility Level." Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado. (co-adviser).
6. Al Qahtani, Ayed (2008) "A Model for the Global Oil Market: Optimal Oil Production Levels for Saudi Arabia" Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado. (co-adviser).
7. Dossary, Nasser (2008) "Global Demand for Road Transport Fuels" Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado.
8. Hodge, John Tyler (2007) "Power Marketer Pricing Behavior in the California Wholesale Electricity Market, 2000-2001" Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado.

9. Olaya Morales, Yris (2006) "LNG World Trade Model" Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado. (co-adviser).
10. Kamel, Mohamed (2003) "An Optimization Approach To Hybrid Power Systems For Remote Area Applications In Egypt." Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado.
11. Kurtubi (1998) "Cointegration and Error Correction Analysis of Oil Discoveries and Petroleum Fuels Demand in Indonesia." Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado.
12. Duggan, Thomas (1998) "Costs and Benefits of the Oxyfuels Program on Colorado's Front Range" Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado.
13. Celta, Daniel (1998) "OPEC as a Social Welfare Maximizer" Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado.
14. Erdogan, Meftun (1996) "An Empirical Analysis of Energy Demand: The Case of Turkey 1963-1992." Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado.
15. Ko, James Jin-Wen (1995) "Coal Demand and Interfuel Substitution in the U.S. Electric Industry." Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado.
16. Al Shami, Mohamed (1995) "U.S. Crude Oil Reserves Modeling and Analysis." Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado.
17. Matson, Thomas K (1994) "The Choice between Spot Market Exchange and Long-Term Contracts in the Restructured Natural Gas Industry." Ph.D. Thesis, Mineral Economics Program, CSM, Golden, Colorado.
18. Haimor, Said Fawzi (1981) "Interfuel Substitution in the Electricity Generation in the U.S.A." Economics Ph.D. Thesis, Wayne State University, Detroit, Michigan.

## **WORKING PAPERS**

1. Dahl, Carol A. (2020a) "Dahl Mineral Elasticity of Demand and Supply Database (MEDS)" Working Paper WP2020-02, Division of Economics and Business, CSM.
2. Dahl, Carol A. (2020b) "Critical Minerals: What Are They and What Makes Them Critical?" Working Paper WP2020-04, Division of Economics and Business, CSM.
3. Dahl, Carol A., Ben Gilbert, and Ian Lang (2019) "Prospects for Mining Asteroids: Into this World or Out of the Question?" Working Paper WP2019-03, Division of Economics and Business, CSM.
4. Yahya F. Anouti and Carol A. Dahl (2014). "Rationalizing Transport Fuels Pricing Policies and Effects on Global Fuel Consumption, Emissions, Government Revenues and Welfare," Working Papers 2014-01, Division of Economics and Business, CSM.
5. Dahl, Carol A. (2014) "What Do We Know About Gasoline Demand Elasticities?" Working Papers 2014-10, Division of Economics and Business, CSM.
6. Dahl, Carol A. and Tyler Hodge (2012) A dynamic conduct parameter model of electricity marketer pricing behavior in the California power exchange, Working Paper 2012-15, Division of Economics and Business, CSM.
7. Al Dossary, Nasser and Carol A. Dahl (2009) "Is Global Gasoline Demand Still as Responsive to Price?" Working Paper 2009-01, Division of Economics and Business, CSM.
8. Dahl, Carol A. (1995a) "Survey of Econometric Estimates of Natural Gas Demand Elasticities: Implications for Natural Gas Substitution in New Zealand," Working Paper, Division of Economics and Business, CSM.
9. Dahl, Carol A. (1995b) "Modeling U.S. Energy Demand: A Survey of Econometric Demand Elasticities," Discussion Paper 95.02, Department of Economics, The University of Western Australia, Nedlands, Perth, Western Australia.
10. Dahl, Carol A. (1992) "Energy and Energy Product Demand Elasticities for the Developing World: A Survey of the Econometric Evidence," Working Paper 92-14, Department of Mineral Economics, CSM, Golden, CO, November.
11. Dahl, Carol A. and Thomas Sterner (1990) "The Pricing of and Demand for Gasoline: A Survey

of Models," Department of Economics, Gothenburg University, Gothenburg, Sweden.

## **WORK IN PROGRESS AND OTHER PAPERS**

1. Shojaeddini, Ensieh, Carol A. Dahl, and Nasser Al Dossary (2020) "Have Gasoline and Diesel Demand Become Less Elastic?" U.S. Environmental Protection Agency, CSM, Saudi Aramco.
2. Dahl, Carol A. (2020b). "Mining Asteroids: Can We Do It and Do We Want To?" (<http://dahl.mines.edu/Dah20b.pdf>)
3. Dahl, Carol. (2019a). Space Mining Models in support of Dahl, Gilbert, and Lange (2019) (<http://dahl.mines.edu/SpaceMining.xlsx>)
4. Akimaya, Muhammad and Carol A. Dahl (2017). "Equilibrium Strategy for Gasoline Subsidy Policy Removal." Working paper,
5. Dahl, Carol A. "Survey of Strategic Petroleum Reserve Models" Work in progress.
6. Dahl, Carol A. "Survey of Global Energy Demand Elasticities" Work in progress.
7. Al-Qahtani, Ayed, Edward Balistreri, and Carol Dahl, (2009) "A Model for the Global Oil Market: Optimal Oil Production Levels for Saudi Arabia," Draft. Saudi Aramco and CSM.
8. Olaya, Yris, Carol A. Dahl, and Alexandra Newman (2008) "Filling the Gap in United States Liquefied Natural Gas Demand," Draft, University of Columbia, Medellin and CSM.
9. Olaya, Yris, Carol A. Dahl, and Alexandra Newman (2008) "LNG: From Boom to Bust and Back." University of Columbia, Medellin and CSM.
10. Yusgiantoro, Luky and Carol A. Dahl, (2011) "A Dynamic Techno-Economic Network Model For Indonesian Natural Gas." Draft. BPMigas and CSM.
11. Kar, D. P. and Carol A. Dahl "A Search for the Lowest Cost Electricity for Rural India Off-Grid Renewables or the Centralized Fossil-Grid?" Received a revise and resubmit from *The Energy Journal*, CSM.
12. Yahya F. Anouti & Carol A. Dahl, 2014. "Rationalizing Transport Fuels Pricing Policies and Effects on Global Fuel Consumption, Emissions, Government Revenues and Welfare," Working Papers 2014-01, Colorado School of Mines, Division of Economics and Business. <https://ideas.repec.org/p/mns/wpaper/wp201401.html>.
13. Yahya F. Anouti & Carol A. Dahl, 2018. "Rationalizing Transport Fuels Pricing Policies and Effects on Global Fuel Consumption, Emissions, Government Revenues and Welfare," Draft. Colorado School of Mines, Division of Economics and Business. Under-revision for *The Energy Journal*.
14. Dahl, Carol A. and Tyler Hodge "Dynamic Conduct Parameter Model of Electricity Market Pricing Behavior in the California Power Exchange," Draft, Colorado School of Mines and U.S. Energy Information Administration. June 2012.

## **REFEREE**

*Review of Economics and Statistics, Econometrica, The Energy Journal, Journal of Macroeconomics, Scandinavian Journal of Economics, Applied Economics, European Economic Review, Public Finance Quarterly, Transportation Research Board, Resources and Energy, International Journal of Energy Systems, National Science Foundation Grants, Research Council of Canada Grants, Resources Policy, Southern Journal of Economics, Energy Policy, Research in Middle East Economics, Journal of Development Economics, Energy Studies Review, Journal of Transport Economics and Policy.*

## **EDITORIAL RESPONSIBILITIES AND AFFILIATIONS WITH PROFESSIONAL ASSOCIATIONS AND NETWORKS**

*The Energy Journal*: Editorial board 1992–date,

Assistance book review editor (2002-2009),

Book Review Editor, 2011-2017

Senior Book Review Editor 2017-date

International Association for Energy Economics: Member, Senior Fellow (1999-date), United States  
Association for Energy Economics. Member, Former Council Member

**INTERNATIONAL EXPERIENCE**

Traveled to more than 125 countries for both work and pleasure.

Last updated September 4, 2020.