

Noha Razek, PhD

CL 246, Economics Department, Classroom Building, University of Regina, Canada ▪ noha.razek@uregina.ca

<https://www.uregina.ca/arts/economics/directory/faculty/razek-n.html>

Citizenship: Canadian

EDUCATION**Ph.D., Economics**

Sep 2007 – Aug 2012

*University of Alberta, Canada***RECENT WORK EXPERIENCE****Associate Professor (Tenured), University of Regina, Canada**

Jul 2024 – Present

Professor/ Scholar (Visiting), University of Alberta, Canada

May 2025 – May 2026

Assistant Professor, University of Regina, Canada

Jul 2019 – Jun 2024

Department of Economics

- Research Interests: International Economics, International Energy Policy, International Political Economy, Energy Economics, Energy Security, Energy and the Economy, Macroeconomics, Defence Economics
- Teaching: International Energy Policy (ECON 480), Macroeconomics (ECON 310, ECON 302, ECON 202), Mathematical Economics (ECON 322), and Economics of Natural Resources (Econ 372)
- Research collaboration with Saskatchewan Research Council (SRC) on developing a hydrogen economy

Independent Researcher/Consultant, Canada

Jan 2019 – Jun 2019

- Conducted research on oil price breakeven in Canada and OPEC+ countries

Energy Researcher, Emirates Center for Strategic Studies and Research (ECSSR), UAE

Sep 2018 – Dec 2018

Economic and Social Studies Division, Research Department

- Wrote policy briefs on strategic topics

Senior Research Associate, King Abdullah Petroleum Studies and Research Center (KAPSARC), KSA

May 2016 – Aug 2018

Research Department

- Examined Chinese sectorial demand for different energy sources
- Studied macroeconomic implications of energy shocks on oil-exporting economies
- Worked as a team member on the KAPSARC Global Energy Macroeconometric Model project
- Represented KAPSARC's demand-side modeling team in "Preserving Oil Demand and Generating New Sources of Growth," a multi-stakeholder project

Post-Doctoral Research Associate, University of Alberta, Canada

Mar 2014 – Apr 2016

China Institute

- Studied the privatization of Canadian Crown Corporations, including Petro-Canada
- Examined the impact of oil price fluctuations on the Canadian economy
- Analyzed trends of China's Foreign Direct Investment in Canada, Australia, the United States and the United Kingdom
- Tracked China's investments in Canada
- Evaluated Albertans' views on China via the Annual Alberta Survey

Researcher, University of Alberta, Canada

Nov 2013 – Aug 2014

Centre for Applied Business Research in Energy and the Environment (CABREE)

- Analyzed market frictions in the Alberta oil sands

Visiting Assistant Professor, American University in Cairo, Egypt

Sep 2012 – Aug 2014

Department of Economics

- Developed a new course on energy economics
- Taught Mathematics for Economists II (ECON 316), Mathematics for Economists I (ECON 216), Statistics for Economists (ECON 218), and Introductory Macroeconomics (ECON 201)

Instructor, University of Alberta, Canada

Sep 2011 – Dec 2011

Department of Economics

- Taught Intermediate Macroeconomic Theory II (ECON 385)

Research Assistant, University of Alberta, Canada

May 2009 – Jun 2012

Canadian Building Energy End-Use Data and Analysis Centre (CBEEDAC)

- Applied state space modeling to estimate demand elasticity for a variety of sectors and energy sources in Canada (residential, commercial, and industrial sectors)
- Conducted a comparison of aggregate energy consumption and greenhouse emissions in Canada and the United States

Teaching Assistant, University of Alberta, Canada

Sep 2007 – Apr 2009

Department of Economics

- Taught lab sessions and held office hours for an Applied Econometrics course (ECON 599)
- Taught students how to use various software applications, including STATA, TSP, Limdep, and Shazam

RESEARCH

Peer-Reviewed Journal Articles

Galvani, V. and **Razek, N.A.** (2026). Both green and brown commodities matter: A portfolio diversification approach. *Journal of Commodity Markets*, 43, 100573.
<https://doi.org/10.1016/j.jcomm.2026.100573>

Galvani, V. [®] **Razek, N.A.** (2026). The U.S. shale energy sector navigating domestic policies in a fragmenting global economy. *Energy Policy*, 210: 115076.
<https://doi.org/10.1016/j.enpol.2026.115076>. [Note: [®] indicates equal co-first authorship]

Razek, N.A., Galvani, V., McQuinn, B., and Rajan, S. (2025). Does Saudi Arabia's International Competitiveness Improve Due to Sanctions Imposed on Competitors? The Case of Two Wars. *Structural Change and Economic Dynamics*, 74: 457-482.
<https://www.sciencedirect.com/science/article/pii/S0954349X25000621>

Michieka, N., Gearhart, R., and **Razek, N.A.** (2024). Oil Price Dynamics and Housing Investment Decisions in the U.S., *Journal of Economics and Finance*, 48(2): 483-512.
<https://link.springer.com/article/10.1007/s12197-024-09667-w>

Razek, N.A., Galvani, V., Rajan, S., and McQuinn, B. (2023). Can U.S. Strategic Petroleum Reserves Calm a Tight Market Exacerbated by the Russia-Ukraine Conflict? *Resources Policy*, 86: 104062.
<https://www.sciencedirect.com/science/article/pii/S0301420723007730>

Hasanov, F. and **Razek, N.A.** (2023). Oil and Non-oil Determinants of Saudi Arabia's International Competitiveness: Historical Analysis and Policy Simulations. *Sustainability*, 15(11):9011.
<https://doi.org/10.3390/su15119011>

- Michieka, N., **Razek, N.A.**, and Gearhart, R. (2023). Modeling the Impact of Oil Price Changes and Investment Decisions on Construction Wages in the U.S. *Construction Management and Economics*, 41(6): 500-518. <https://doi.org/10.1080/01446193.2023.2167219>
- Razek, N.A.** and McQuinn, B. (2021). Saudi Arabia's Currency Misalignment and International Competitiveness, Accounting for Geopolitical Risks and the Super-Contango Oil Market. *Resources Policy*, 72: 102057. <https://doi.org/10.1016/j.resourpol.2021.102057>
- Michieka, N., **Razek, N.A.**, and Gearhart, R. (2021). The Relationships between Climate Factors, Hydropower Production and Economic Growth in Ethiopia: A Nonlinear and Asymmetric Approach. *Journal of Developing Areas*, 55(33): 291-315.
- Razek, N.A.** and Michieka, N. (2019). OPEC and Non-OPEC Production, Global Demand, and the Financialization of Oil. *Research in International Business and Finance*, 50:201-225. <https://www.sciencedirect.com/science/article/pii/S027553191830881X>

Book Chapters

- Razek, N.A.** (2022). Egypt's Natural Gas Sector at the Crossroads of COVID-19 and Energy Transition: Opportunities and Challenges. In Ikram, K. and Nassar, H. (Eds.). *The Egyptian Economy in the Twenty-first Century—The Hard Road to Inclusive Prosperity*. The American University in Cairo Press. <https://www.jstor.org/stable/j.ctv2vm3b3k>
- Razek, N.A.**, Silva, E. and Michieka, N. (2021). The Oil-Price Threshold Effect on External Balances in Saudi Arabia, Russia, and Canada: Accounting for Geopolitics and Environmental Sustainability. In Belaid, F. and Creti, A. (Eds.). *Energy Transition, Climate Change, and COVID-19*. Springer Nature. DOI: 10.1007/978-3-030-79713-3_11

Policy and White Papers and Scholarly Articles

- Razek, N.A.** [®] Galvani, V. (May 2026). Tectonic changes in the global oil market? A tale of three wars, IAAE Energy Forum (First Quarter 2026), *International Association for Energy Economics*. Available at: EF_First_Quarter_2026_Proof2_compressed.pdf
- Anthony, D., Pattison, D., Sulatisky, M., & **Razek, N.A.** (2024). Hydrogen Hub Potential: A Feasibility Study for the Regina-Moose Jaw Industrial Corridor, Transition Accelerator Reports. Volume 6, Issue 1, p. 1-103
- Razek, N.A.**, Anthony, D., and Nakutnyy, P. (November 2022- *Confidential*). *Estimating Hydrogen Demand by the Long-distance Transportation Sector—Economic Evaluation of the Regina-Moose Jaw Industrial Corridor Hydrogen Hub*, University of Regina and Saskatchewan Research Council (SRC)
- Razek, N.A.**, and McQuinn, B. (October 2022). Sanctions on Russia are Increasing, Not Decreasing, Its Revenue. *The Conversation*. Available at: https://theconversation.com/sanctions-on-russia-are-increasing-not-decreasing-its-revenue-191248#comment_2876550
- Razek, N.A.** (November 2021). As the World Moves Away from Fossil Fuels, Canada's Energy Security May Be at Risk. *The Conversation*. Available at: <https://theconversation.com/as-the-world-moves-away-from-fossil-fuels-canadas-energy-security-may-be-at-risk-169794>
- Razek, N.A.** (2018). *Economic Cycles and the Responsiveness of Natural Gas Demand in China's Residential Sector*. KAPSARC Publications. Available at <https://www.kapsarc.org/research/publications/economic-cycles-and-the-responsiveness-of-natural-gas-demand-in-chinas-residential-sector/>

- Razek, N.A.**, Houlden, G., Wang, J., Vivian, M., and Bettcher, K. (2015). *Albertans' Views on China: 2015 Annual China Institute Survey*. China Institute, University of Alberta. Available at: <https://www.ualberta.ca/china-institute/research/albertans-views-on-china/2015>
- Razek, N.A.**, Houlden, G., Zheng, J., and Tang, Q. (2014). *Albertans' Views on China: 2014 Annual China Institute Survey*. China Institute, University of Alberta. Available at: <https://www.ualberta.ca/china-institute/research/albertans-views-on-china/2014>
- China Institute (2014). *Summary Study of Chinese Outwards FDI in Selected Western Markets, Report to Department of Foreign Affairs, Trade and Development (DFATD)*. China Institute, University of Alberta.
- Ryan, D. and **Razek, N.A.** (2012). *The Likely Effect of Carbon Pricing on Energy Consumption in Canada*. Sustainable Prosperity, University of Ottawa. Available at: <http://institute.smartprosperity.ca/sites/default/files/likely-effect-carbon-pricing-energy-consumption-canada.pdf>
- Ryan, D. and **Razek, N.A.** (2011). *A Comparison of Aggregate Energy Consumption in Canada and the United States* (CBEEDAC 2011–RP-01). Canadian Building Energy End-Use Data and Analysis Centre (CBEEDAC), University of Alberta.

Working Papers, Pre-Prints and Conference Proceedings

- Razek, N.A.** [®] Galvani, A., and Kimball, A. (2026). NATO's Commitments and Metals Stockpiling in a Resources-Rich Economy: The Case of Canada's International Competitiveness (USAEE Working Paper No. 26-673). Available at: <https://ssrn.com/abstract=6834379>. [Note: [®] indicates equal co-first authorship]
- Razek, N.A.** (2017). *Economic Cycles and the Responsiveness of Natural Gas Demand in China's Residential Sector*. (USAEE Conference Proceedings). Available at: <https://www.iaee.org/proceedings/article/14815>
- Razek, N.A.** (2017). *Government Expenditure Crowding-in Effect and Lack of Economic Diversification in Oil-Producing Countries: Lessons from Alberta* (USAEE Working Paper No. 17-294). Available at: <https://ssrn.com/abstract=2928763>
- Silva, E. and **Razek, N.A.** (2016). *Oil, Wages, and Public Expenditures in Oil-Producing Regions – Lessons from Alberta*. Alberta School of Business, University of Alberta. Available at: <http://ssrn.com/abstract=2748305> or <http://dx.doi.org/10.2139/ssrn.2748305>; USAEE Working Paper No. 16-248. Available at: <http://ssrn.com/abstract=2754434>

Completed

- Razek, N.A.** (2012). *Competing Hypotheses of the Causes of the U.S. Current Account Deficit* (Chapter Three of Ph.D. Dissertation). Economics Department, University of Alberta. Available at: https://era.library.ualberta.ca/files/qb98mf76k/Abdel%20Razek_Noha_Fall%202012.pdf
- Razek, N.A.** (2012). *The Role of Oil Prices and Government Debt as Determinants of Movements in the U.S. Dollar in a Dynamic Framework* (Chapter Two of Ph.D. Dissertation). Economics Department, University of Alberta. Available at: https://era.library.ualberta.ca/files/qb98mf76k/Abdel%20Razek_Noha_Fall%202012.pdf

Razek, N.A. (2012). *The Role of Oil Prices and Supply of U.S. Assets in Determining Movements in the U.S. Dollar* (Chapter One of Ph.D. Dissertation). Economics Department, University of Alberta. Available at:
https://era.library.ualberta.ca/files/qb98mf76k/Abdel%20Razek_Noha_Fall%202012.pdf

Razek, N.A. (2006). *Financial Services Liberalization with Emphasis on the Egyptian Banking Sector* (MA Thesis). Economics Department, American University in Cairo. Available at:
https://books.google.ca/books/about/Financial_Services_Liberalization_with_E.html?id=AL1IXwAACAAJ&redir_esc=y

SCHOLARSHIPS/AWARDS/FUNDING

External Grants:

- Co-Investigator: Mitacs (CAD 250,000), Fall 2023
Project: Evaluating the Impact of CCUS and Blue Hydrogen Technologies on Canada's Economy and Environment: Deriving Lessons for the Global Economy
- Principal Investigator (PI): Saskatchewan Research Council (SRC) (CAD 10,000), Fall 2022
Project (short description): Estimating Hydrogen Demand by the Long-distance Transportation Sector

Internal Grants/ Funding (University of Regina):

- Faculty of Arts Dean's Research Award (DRA), (CAD 5,000), Fall 2025
- Faculty of Arts Staff Travel Funds, (CAD 1,400), Winter 2024
- Principal Investigator (PI): The President's Publication Fund Grant (CAD 800), Fall 2023
- Co-Investigator: The President's Publication Fund Grant (CAD 800), Spring 2023
- PI: The President's Publication Fund Grant (CAD 1,200), Spring/Summer 2021
- PI: The Faculty of Arts Publication Fund Competition (CAD 1,000), Spring/Summer 2021
- PI: Tri-Agency Cohort Program Award (CAD 3,000), Winter 2021
- Faculty of Arts Staff Travel Funds, (CAD 1,400), Fall 2019

Other Funding:

- Travel Award, Faculty of Arts, University of Alberta, August 2011
- Travel Award, Canadian Economic Association (CEA), Apr 2011
- Teaching/Research Assistantship, University of Alberta, Sep 2007–May 2011
- World Bank Scholarship in partnership with Carleton University to attend the International Program for Development Evaluation Training (IPDET), Ottawa, Canada, Jun 2005–Jul 2005

STUDENT SUPERVISION – UNIVERSITY OF REGINA

- Second Reader, Honours Project (ECON 499), Fall 2021–Winter 2022 and Winter 2025
- Instructor, Capstone Seminar in Economics (ECON 480), Fall 2020 and Fall 2024
- Supervisor, Visiting Research PhD student, University of Regina International, Fall 2022-Winter 2023

EXTERNAL EXAMINER

- Selahattin Murat Sirin's PhD Dissertation Defense Committee, Ivey Business School, Western University, Ontario, Canada, Winter 2024

PROFESSIONAL SERVICE – UNIVERSITY OF REGINA

University

- Member: Selection Committee for Collaborative Energy, Minerals, and Society Research undergraduate research scholarship Office co-sponsored by the Vice President of Research (VPR) office at the University of Regina and the University of Saskatchewan, Winter 2025 and Winter 2026
- Collaborated with the library to introduce a new database, Winter 2025
- Arranged a Bank of Canada recruitment seminar for the University in collaboration with the School of Business, Fall 2024
- Member: Community of Practice (CoP) focused on Generative AI, The Centre for Teaching and Learning (CTL), Winter 2024
- Chair: Master of Science Defense in Kinesiology and Health Services, Summer 2023
- Chair: Master of Applied Science Defense in Petroleum Systems Engineering, Fall 2022
- Member: Research collaboration between the University of Regina and Saskatchewan Research Council (SRC) on establishing a hydrogen economy, Vice President of Research Office, Summer 2022–Fall 2022
- Member: Research collaboration among the University of Regina, 8 Rivers, and SNC Lavalin to submit a grant application for a Front-End Engineering Design (FEED) study for a Net Power plant and the application of carbon capture, utilization, and storage (CCUS) technologies, Vice President of Research Office, Winter 2022
- Committee Member: 2021-2026 Sustainability Action Plan: Research Working Group, President's Advisory Committee on Sustainability, Spring/Summer 2021
- Member: Research collaboration between the University of Regina and the Distributed Energy Association of Saskatchewan, Vice President of Research Office, Fall 2020

Faculty of Arts

- Representative to the Faculty of Graduate Studies and Research, Fall 2021 – Winter 2024, Fall 2026–Present
- Member: Research and Graduate Studies Committee, Summer 2023 – Spring 2026
- Member: Consultation in Committee on Class Weightings, Winter 2025
- Dean's Observer: Tenure-track recruitment committee, Justice Studies Department, Fall 2024
- Member: Climate and Environmental Justice Steering Committee and Program, Summer 2022–Winter 2023

Department of Economics

- Sub-committee Member: Core courses outline review, macroeconomics stream courses, Fall 2026–Present
- Sub-committee Chair: Curriculum development, macroeconomics stream courses, Spring 2026–Present
- Sub-committee Member: Curriculum development, macroeconomics stream courses, Winter 2023 – Summer 2023, Winter 2026

- Sub-committee Member: Curriculum development, courses that include term papers, Winter 2023 – Spring 2024, Fall 2025
- Arranged a Bank of Canada recruitment seminar in collaboration with the Department Head, Fall 2024
- Committee Member: Art & Jane Scholarship, Fall 2022
- Arranged a Bank of Canada webinar for the economics department, Fall 2021
- Search Committee Member: Two tenure-track positions, Winter 2020
- Seminar Organizer: Department of Economics, Winter 2020
- Committee Member: Economics Honours Research Fellowship, Winter 2020

VOLUNTEER POSITIONS/COMMUNITY SERVICE

- Board Member, Canadian Association for Energy Economics (CAEE), the Canadian Chapter of the International Association for Energy Economics (IAEE), Sep 2025–Present
- Liaison for the American Economic Association’s (AEA) Committee on the Status of Women in the Economics Profession (CSWEP), 2018–Present
- Vice President of the Canadian Community of Riyadh (CCoR), 2018
- Committee Member of the Canadian Community of Riyadh (CCoR), 2017

REVIEWER – PEER-REVIEWED ACADEMIC JOURNALS

Energy Economics, Energy Policy, The Energy Journal, International Review of Economics and Finance, Resources Policy, Energy Nexus, Sustainability, Energy Strategy Reviews, The Journal of Developing Areas, International Journal of Environmental Research and Public Health, Energy Reports, Frontiers in Sustainable Energy Policy

MEDIA COMMENTARY

- Trucking company says some operators have parked their trucks, unable to afford fuel (<https://www.ctvnews.ca/canada/article/trucking-company-says-some-operators-have-parked-their-trucks-unable-to-afford-fuel/>), April 2026
- Canadians love their cars so much that high fuel prices won't make most of us change our ways (<https://www.cbc.ca/news/business/fuel-price-demand-column-don-pittis-1.6449240>), May 2022
- Co-op refinery cutting production by up to 30 percent (<https://leaderpost.com/news/local-news/co-op-refinery-cutting-production-by-up-to-30-percent/>), Mar 2020
- Tanker attacks add to oil price uncertainties (<https://lloydslist.maritimeintelligence.informa.com/LL1127929/Tanker-attacks-add-to-oil-price-uncertainties>), Jun 2019

CONFERENCES

Invited Speaker

“The Russia-Ukraine war Indirectly Benefited U.S. Shale Energy Producers” (with V. Glavani, University of Alberta)

- *Economics Department Seminar, University of Alberta, Canada, Nov.2025*

“Can U.S. Strategic Petroleum Reserves Calm a Tight Market Exacerbated by the Russia-Ukraine Conflict?” (with V. Glavani, University of Alberta; Surya Rajan, Element Logix Venture Partners; B. McQuinn, University of Regina)

- *Economics Department Seminar, University of Alberta, Canada, April 2024*

“Breakeven Oil Price in Saudi Arabia, Russia and Canada, Accounting for Cycles and Pipeline Politics” (with E. Silva, University of Alberta)

- *Pressing and Challenging Changes: Aging, Climate and Societal Issues Workshop, School of Business, University of Alberta, Canada, May 2019*

Invited Participant and Panel Member

Book discussion: Ikram, K. and Nassar, H. (Eds.). The Egyptian Economy in the Twenty-first Century—The Hard Road to Inclusive Prosperity. American University in Cairo Press. Organized by the Faculty of Economics and Political Science at Cairo University in Egypt, Feb 2023.

Meeting: Global Entrepreneurship and Sustainable Development Policy Framework (EASDP). Organized by Enterprise Branch of the Division on Investment and Enterprise at the United Nations Conference on Trade and Development (UNCTAD), Nov 2020.

Presenter

“NATO's Commitments and Metals Stockpiling in a Resources-Rich Economy: The Case of Canada's International Competitiveness” (with V. Glavani, University of Alberta; Anessa Kimball, Laval University)

- *21st Defence and Security Economics conference, Ottawa, Canada., scheduled Oct. 2026*

“Can U.S. Strategic Petroleum Reserves Calm a Tight Market Exacerbated by the Russia-Ukraine Conflict?” (with V. Glavani, University of Alberta; Surya Rajan, Element Logix Venture Partners; B. McQuinn, University of Regina)

- *Western Economic Association International (WEAI) Conference, U.S.A., Jul 2024*
- *International Association for Energy Economics (IAEE) Conference, Turkey, Jun 2024*

“Saudi Arabia’s International Competitiveness, Accounting for Geopolitical Risks and the Super-Contango Oil Market” (with B. McQuinn, University of Regina)

- *Western Economic Association International (WEAI) Conference, Mar 2021*

“OPEC+’s "Reasonable Oil Price Level" Notion and the External Breakeven in Saudi Arabia, Russia and Canada: Accounting for Economic Cycles and Pipeline Politics” (with E. Silva, University of Alberta and N. Michieka, California State University-Bakersfield)

- *International Association for Energy Economics (IAEE) Conference, Jun 2021*
- *United States Association for Energy Economics (USAEE) Conference, U.S.A., Nov 2019*

“OPEC and Non-OPEC Production, World’s Demand, and the Financialization of Oil” (with N. Michieka, California State University-Bakersfield)

- *United States Association for Energy Economics (USAEE) Conference, U.S.A., Sep 2018*

“Economic Cycles and the Responsiveness of Natural Gas Demand in China’s Residential Sector—An Unobserved Components Model”

- *Western Economic Association International (WEAI) Conference, Canada, Jun 2018*
- *United States Association for Energy Economics (USAEE) Conference, U.S.A., Nov 2017*

“Wage Inflation in Alberta’s Oil and Gas Sector” (with E. Silva, University of Alberta)

- *United States Association for Energy Economics (USAEE) , U.S.A., Oct 2015*
- *Canadian Economic Association (CEA) Conference, Canada, May 2015*

“Competing Hypotheses of the Causes of the U.S. Current Account Deficit”

- *Canadian Economic Association (CEA) Conference, Canada, May–Jun 2013*

“The Role of Oil Prices and Government Debt as Determinants of Movements in the U.S. Dollar in a Dynamic Framework”

- *Canadian Economic Association (CEA) Conference, Canada, Jun 2011*

Discussant

A Tale of Oil Production Collapse by David Vera (California State University, Fresno) and Henry Aray (Universidad de Granada)

- *Western Economic Association International (WEAI) Conference, Jul 2024*

Climate Shocks and Growth of International Trade in China by L. Dai (Pusan National University)

- *Western Economic Association International (WEAI) Conference, Mar 2021*

The Impact of Income on Household Electricity Consumption: A Study of Price and Income Elasticities Using Categorical Data by A. Ohler (Illinois State University) and Y. Marquis (Illinois State University)

- *Western Economic Association International (WEAI) Conference, Canada, Jun 2018*

The Role of Pipeline Capacity and Crude-by-rail in Determining the WCS-WTI Price Differential: Evidence from a Threshold VAR Model by A. Fritsche (Bank of Canada)

- *Canadian Economic Association (CEA) Conference, Canada, May 2015*

Presider

“Issues in Energy Economics” Session, *Western Economic Association International (WEAI) Conference, U.S.A., Jul 2024*

“Trade and Environment” Session, *Western Economic Association International (WEAI) Conference, Mar 2021*

“Energy Access” Session, *United States Association for Energy Economics (USAEE) Conference, Canada., Nov 2019*

Organizer

Organized a session on *Macroeconomic Implications of Adverse Oil Price Shocks on Oil Exporters and the Global Economy* at KAPSARC’s workshop on “Sheltering the Economies of Oil Exporting Countries from Energy Shocks,” Saudi Arabia, May 2017. Available at: <https://www.kapsarc.org/wp-content/uploads/2017/08/KS-2017-WB06-Sheltering-the-Economies-of-Oil-Exporting-Countries-From-Energy-Shocks.pdf>

Delegate

Strategic Delegate for the Emirates Center for Strategic Studies and Research (ECSSR) at Abu Dhabi International Exhibition and Conference (ADIPEC), Nov 2018

MEMBERSHIPS/AFFILIATIONS (CURRENT AND PAST)

- American Economic Association (AEA)
- Canadian Economics Association (CEA)

- Canadian Heavy Oil Association (CHOA)
- Canadian Women Economists Network (CWEN)
- International Association for Energy Economics (IAEE)
- United States Association for Energy Economics (USAEE)
- The National Capital Area Chapter of the USAEE
- International Economics and Finance Society (IEFS)
- Western Economic Association International (WEAI)
- Renewable Energy Institute (REI)

PROFESSIONAL DEVELOPMENT

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|---|---------------------|
| ▪ Defense Economics
<i>2025 Defence & Security Economics Workshop, Carleton University, Canada</i> | Oct. 2025 |
| ▪ Hydrogen Energy
<i>Renewable Energy Institute, United Nations (UN) Environment Programme, United Kingdom</i> | Jun–Aug 2022 |
| ▪ Executive Course on Gas Monetization Economics and Investment Decision Making
<i>Delphi Ventura Group LLC, United States</i> | Dec 2021 |
| ▪ High Dimensional Time Series Models II: Big Data and Machine Learning (Matlab)
<i>Barcelona Graduate School of Economics, Spain</i> | Jul 2021 |
| ▪ Dynamic Stochastic General Equilibrium (DSGE) Modelling
<i>EcoMod School of Modelling and Data Science</i> | Jun 2019 |
| ▪ Time Series Analysis and Modelling, Econometrics Summer School
<i>University of Cambridge, United Kingdom</i> | Jul 2017 |
| ▪ International Program for Development Evaluation Training (IPDET)
<i>Carleton University and the World Bank, Canada</i> | Jun 2005 – Jul 2005 |

COMPUTER SKILLS

STATA, OxMetrics, E-views, TSP, Limdep, SPSS, Dynare, GAMS, Microsoft Office, OverLeaf LaTeX