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CURRENT EMPLOYMENT

- **Full Professor**, Department of Economics, Adnan Kassar School of Business, Lebanese American University (LAU), Beirut, Lebanon (Since September 2022)
- **Assistant Dean** of Graduate Studies and Research, Lebanese American University (LAU), (Since January 2019)

AFFILIATIONS

- **Fellow**, Centre for Interuniversity Research and Analysis of Organizations (**CIRANO**), Montreal
- **Fellow**, Economic Research Forum for the Arab Countries, Iran and Turkey (**ERF**), Cairo & Dubai
- **Expert**, National Centre for Social Research, (**NatCen**) International, London

PAST EMPLOYMENT

- Associate Professor (with tenure), Department of Economics, Adnan Kassar School of Business, Lebanese American University (LAU), Beirut, Lebanon (September 2015 – August 2022)
- Associate Chairperson, Department of Economics, LAU (October 2012 – January 2019)
- Assistant Professor, Department of Economics, Adnan Kassar School of Business, Lebanese American University (October 2009 – August 2015)
- Short-term consultant with UN-ESCWA (2021), UNDP (2014), ILO (2013), & European Commission (2011)
- Lecturer, Department of Applied Economics, HEC Montréal (2007 –2009)
- Research & Teaching Assistant, Department of Economics, Concordia University, Montreal (2002–2004)

RESEARCH INTERESTS

- Environmental and Resource Economics
- Energy Economics
- Applied Game Theory
- Development Economics
- Industrial Organization

EDUCATION

- **Ph.D. Applied Economics** (2004 – 2009)
HEC Montréal (University of Montreal)
- **M.A. Economics** (2002 – 2004)
Concordia University
- **B.A. Economics** (major)/ History (minor) (1999 – 2002), with Distinction
American University of Beirut

REFEREED PUBLICATIONS

- [1]. “Are wars detrimental to the environment: Evidence from air pollution and land use” (with Sayour, N.). Forthcoming at *Oxford Development Studies*.
- [2]. “Emissions taxes under double-sided environmental externalities” (with Abdul Baki, G. and Benchekroun, H.) Forthcoming at *Economics Letters*.
- [3]. “Monitoring poverty in a data deprived environment: The case of Lebanon” (with Makdissi, P., and Yazbeck, M.). Forthcoming at *Review of Income and Wealth*.
- [4]. “Central Air Conditioning, Air Pollution and Housing Location: Evidence from Lebanon” (with Al Gharib, F.), *International Journal of Housing Markets and Analysis*, volume 16, issue 5, 2023, pp. 979-990.
- [5]. “Polluting Resource Extraction and Climate Risk” (with Hashem, I.), *Natural Resource Modeling*, volume 36, Issue 1, February 2023, e12354. (lead article)
- [6]. “Environmental taxation in the Bertrand differentiated duopoly: New insights” (with Abdul Baki, G.), *Resource and Energy Economics*, volume 70, November 2022, 101329.
- [7]. “A stochastic dominance test under survey nonresponse with an application to comparing trust levels in Lebanese public institutions” (with Fakh, A., Makdissi, P., Tabri, R., and Yazbeck, M.), *Journal of Econometrics*, volume 228, issue 2, June 2022, pp. 342-358.
- [8]. “Hedonic housing prices and environmental quality in Lebanon” (with Sayour, N.), *International Journal of Housing Markets and Analysis*, volume 14, issue 5, 2022, pp. 953-968.
- [9]. “Adaptation to climate change and emissions: halo effect or complacency?” (With Djoundourian, S. and Sayour, N.), *Energy Journal*, volume 43, issue 4, 2022.
- [10]. “Who Cares about Environmental Quality in the MENA Region? (With Dibeh, G., Fakh, A. and Matar, G.), *Social Indicators Research*, volume 157, issue 2, September 2021, pp. 603–629
- [11]. “Tourism-growth nexus under duress: Lebanon during the Syrian crisis” (with Dibeh, G. and Fakh, A.), *Tourism Economics*, volume 26, Issue 3, May 2020, pp. 353–370 (lead article).
- [12]. “Is there a garbage Kuznets curve? Evidence from OECD countries” (with Baalbaki, R.), *Economics Bulletin*, volume 40, issue 2, 2020, pp. 1049–1055.
- [13]. “Effect of gasoline prices on car fuel efficiency: Evidence from Lebanon” (with Mourad, J.), *Energy Policy*, volume 135, December 2019.
- [14]. “Employment and skill mismatch among youth in Lebanon” (with Dibeh, G. and Fakh, A.), *International Journal of Manpower*, volume 40, issue 8, November 2019, pp. 1438–1457.
- [15]. “Labor Market and Institutional Drivers of Youth Irregular Migration in the Middle East and North Africa Region” (with Dibeh, G. and Fakh, A.), *Journal of Industrial Relations*, April 2019, volume 61, issue 2, pp. 225–251.
- [16]. “Environmental Kuznets Curve, a mirage? A semi-parametric analysis for MENA countries” (with Fakh, A.), *International Advances in Economic Research*, volume 25, issue 1, 2019, pp. 113–119.
- [17]. “Guns and butter? Military expenditure and health spending on the eve of the Arab Spring” (with Coutts, A., Daoud, A., Fakh, A. & Reinsberg, B.), *Defence and Peace Economics*, volume 30, issue 2, 2019, pp. 227–237.
- [18]. “Decision to emigrate amongst the youth in Lebanon” (with Dibeh, G. and Fakh, A.), *International Migration*, volume 56, issue 1, January 2018, pp. 5–22. (lead article)
- [19]. “Adaptation technology and free-riding incentives in international environmental agreements” (with Ray Chaudhuri, A. and Benchekroun, H.). in S. Cagatay, O. Kayalca and H. Mihci (eds.), *Economics of International Environmental Agreements: A Critical Approach*, **Routledge Explorations in Environmental Economics**, Routledge U.K, March 2017, chapter 11.
- [20]. “Adaptation to climate change: How does heterogeneity in adaptation costs affect climate coalitions?” (with Lazkano, I. and Nkuiya, B.), *Environment and Development Economics*, volume 21, issue 6, December 2016, pp. 812–838.

- [21]. "International Environmental Agreements: Doomed to fail or destined to succeed? A review of the literature", (with Ray Chaudhuri, A.), *International Review of Environmental and Resource Economics*, volume 9, issue 3–4, September 2016, pp. 245–319. (reprinted as chapter 8 in *International environmental agreements / [edited by] Peter H. Sand*, Northampton, MA : **Edward Elgar Pub.**, 2019)
- [22]. "International environmental agreements under endogenous uncertainty", (with Nkuiya, B. and Bahel, E), 2014, *Journal of Public Economic Theory*, volume 17, issue 5, October 2015, pp. 752–772.
- [23]. "The electricity consumption, employment, and growth nexus: Evidence from Lebanon", (with A. Fakhri), *OPEC Energy Review*, volume 39, issue 3, September 2015, pp. 298–321.
- [24]. "Who Hires Foreign Domestic Workers? Evidence from Lebanon" (with Fakhri, A.), *Journal of Developing Areas*, volume 48, issue 3, summer 2014, pp. 339–352.
- [25]. "Joint market power in banking: Evidence from developing countries" (with Turk-Ariss, R.), *Journal of International Financial Markets, Institutions and Money*, volume 31, July 2014, pp. 253–267.
- [26]. "The economics of oil, biofuel and food commodities" (with Bahel, E. and Gaudet, G.), 2013, *Resource and Energy Economics*, volume 35, issue 4, November 2013, pp. 599–617.
- [27]. "Bargaining with linked disagreement points" (with Leroux, J.), *Strategic Behavior and the Environment*, volume 2, issue 3, September 2012, pp. 259–277.
- [28]. "Emission taxes when pollution depends on location" (with Sinclair-Desgagné, B.), *Environment and Development Economics*, volume 17, issue 4, August 2012, pp. 433–443.
- [29]. "Short-run price and income elasticity of gasoline demand: Evidence from Lebanon" (with Ben Sita, B. and S. Abosedra), *Energy Policy*, volume 46, July 2012, pp. 109–115.

OTHER PUBLICATIONS

- [1]. "The economic impacts of Syrian refugees: challenges and opportunities in host countries" (with Fakhri, A.), *Georgetown Journal of International Affairs*, November 10, 2015.

PAPERS UNDER REVIEW

- [1]. "Natural resource abundance and war nexus: New insights" (with Al Shami, F., Arayssi, M., and Sayour, N.)
- [2]. "Improper waste disposal in urban slums: Evidence from Greater Cairo" (with Michael Fheili)
- [3]. "Who uses solar water heaters? Evidence from the Palestinian Territories" (with Vanessa Kajjouni)

WORKING PAPERS

- "Willingness to Pay for Clean Air: Evidence from the UK" (with Maarraoui, G., Saliba, F., and Wossink, A.) IMF Working Paper No. 2023/035, 2023.
- "Monitoring poverty in a data deprived environment: The case of Lebanon" (with Madkissi, P., and Yazbeck, M.) Human Capital and Economic Opportunity Working Group. Working Papers 2022-014.
- "Economic Development and COVID-19 Cases," (with Nagham Sayour) CIRANO Working Papers 2020s–18, CIRANO, 2020.
- "*Confidence in Public Institutions and the Run up to the October 2019 Uprising in Lebanon*" (with Ali Fakhri, Paul Makdissi, Rami Tabri, and Myra Yazbeck) IZA Discussion Paper No. 13104, Institute for the Study of Labor (IZA), 2020.
- "*The Determinants of Domestic Workers Employment: Evidence from Lebanon*" (with Ali Fakhri), IZA Discussion Papers 6822, Institute for the Study of Labor (IZA), 2012.
- "*Bank pricing under oligopsony-oligopoly: Evidence from 103 developing countries*", (with Rima Turk-Ariss). BOFIT Discussion Papers 1/2012, Bank of Finland, Institute for Economies in Transition, 2012.
- "*Adaptation Effectiveness and Free-Riding Incentives in International Environmental Agreements*", (with Hassan Benchechroun and Amrita Ray Chaudhuri). Discussion Paper 2011–120, Tilburg University, Center for Economic Research, 2011.

- *“International Environmental Agreements in the Presence of Adaptation”* (With Amrita Ray Chaudhuri), 2011, Working Papers 2011.35, Fondazione Eni Enrico Mattei.
- *“A Trade-Environment Coalition Game”* (with Lucia Sbragia). mimeo
- *“Regulating Man-Made Sedimentation in Riverways”* (with Bernard Sinclair-Desgagné), January 2008, CIRANO Scientific Papers 2008s–04.
- *“Economic Growth Collapse under Resource Abundance”*, 2004, M.A. research paper, mimeo

POLICY REPORTS

- [1]. [Building urban economic resilience plan for the city of Beirut](#), Local Consultant, UN-ESCWA, January 2023.
- [2]. Climate and Environmental Change in the Mediterranean Basin – Current Situation and Risks for the Future. First Mediterranean Assessment Report one of 190 contributing coauthors [Cramer, W., Guiot, J., Marini, K. (eds.)] Union for the Mediterranean, Plan Bleu, UNEP/MAP, Marseille, France, 632pp, ISBN 978-2-9577416-0-1, 2020 <https://zenodo.org/records/4768833>
- [3]. [The poor and the marginalized in Lebanon: Labor market challenges and Policy Implications](#), Coauthored with Ghassan Dibeh and Ali Fakih, SAHWA policy paper No. 1, **Barcelona Centre for International Affairs (CIDOB)**, 2016.
- [4]. Alternatives to the Kafala (sponsorship) System for Women Migrant Domestic Workers in Lebanon, coauthored with Ali Fakih, commissioned by the PROWD project at the **International Labour Organization Regional Office for the Arab States**, 2014.
- [5]. [The 2012 Survey on Sustainable Enterprise Development in the Mediterranean Partner Countries](#), sponsored by the **European Commission**, conducted by Oxford Research (Co-author and contributor for Lebanon).

RESEARCH GRANTS

- **Lebanese Republic, National Council for Scientific Research**, (CNRS) grant (2016–2018), “Impact of the Syrian Crisis on Tourism in Lebanon”, **grant amount: US\$ 8000**.
- **European Union, Seventh Framework Programme-FP7** (2014–2017) “Researching Arab Mediterranean Youth: Towards a New Social Contract (SAHWA)” as part of a consortium led by the Centre for International Information and Documentation in Barcelona (CIDOB) (Co-investigators: Ghassan Dibeh and Ali Fakih), **grant amount: € 178,022**.

CONFERENCE AND SEMINAR PRESENTATIONS

- Financial Crime and Cash Economy conference, co-organized by Holy Spirit University of Kaslik and Rethinking Lebanon in collaboration with the Lebanese Army, Holy Spirit University of Kaslik campus, Lebanon, **March 26, 2024**.
- The 26th Annual (online) Conference of the European Association of Environmental and Resource Economists, **Berlin, June 23–25, 2021**.
- Middle East Economics Association (MEEA) sessions at the **Allied Social Sciences Association (ASSA) 2021** (online) annual meetings, **Chicago, January 3–5, 2021**.
- Middle East Economics Association (MEEA) sessions at the **Allied Social Sciences Association (ASSA) 2020** annual meetings, **San Diego, January 3–5, 2020**.
- The 24th Annual Conference of the European Association of Environmental and Resource Economists, **Manchester, June 26–29, 2019**.
- Middle East Economics Association (MEEA) sessions at the **Allied Social Sciences Association (ASSA) 2019** annual meetings, **Atlanta, January 3–7, 2019**.
- Guest conference speaker, Revisiting Youth Policies and Role within the 2030 Agenda for Sustainable Development Workshop, organized by the **UNDP and UNESCO, Beirut, June 21, 2018**.

- MCD Guest Seminar SAHWA Project: Morocco, Algeria, Tunisia, Egypt and Lebanon, Presentation on Youth Employability and Skill Mismatch in Lebanon, Conference Room: HQ1-7-611, **International Monetary Fund (IMF), Washington DC, January 9, 2018.**
- Middle East Economics Association (MEEA) sessions at the **Allied Social Sciences Association (ASSA) 2018** annual meetings, **Philadelphia, January 3–7, 2018.**
- 50th Annual Meeting of the **Canadian Economics Association (CEA)**, University of Ottawa, **Ottawa, June 3–5, 2016.**
- 4th Annual Summer Conference of the **Association of Environmental and Resource Economists (AERE)**, **San Diego, June 3–5, 2015.**
- Economics Department Seminar Series, **American University of Beirut, April 27, 2015.**
- 5th **World Congress of Environmental and Resource Economists (WCERE)**, Istanbul, Turkey, **June 28 – July 2, 2014.**
- Association of Environmental and Resource Economists (AERE) sessions at the **Allied Social Sciences Association (ASSA) 2014** annual meetings, **Philadelphia, January 2–5, 2014.**
- 19th Annual Conference of the **European Association of Environmental and Resource Economists (EAERE)**, Vysoká škola ekonomická, **Prague, June 27–30, 2012.**
- United Nations Economic and Social Commission for West Asia (**UN-ESCWA**), Expert Group Meeting on Mathematical Model for the Arab Region Report 2024, UN House – **Beirut, 28–29 July 2011.**
- United Nations Economic and Social Commission for West Asia (**UN-ESCWA**), Meeting on Economic Policies Supporting the Transition to a Green Economy in the Arab Region, UN House – **Beirut, 20–21 July 2011.**
- 18th Annual Conference of the **European Association of Environmental and Resource Economists (EAERE)**, University of Rome Tor Vergata, **Rome, June 29 – July 2, 2011.**
- The Montreal Natural Resources and Environmental Economics Workshops, **McGill University, Montreal, February 11, 2011.**
- Seminar, Group for Research in Decision Analysis (GERAD), **Université de Montréal, February 3, 2011.**
- 44th Annual Meeting of the **Canadian Economics Association (CEA)**, **University of Laval, Quebec City, May 28 – May 30, 2010.**
- The Montreal Natural Resources and Environmental Economics Workshops, **McGill University, Montreal, February 12, 2010.**
- 43rd Annual Meeting of the **Canadian Economics Association (CEA)**, University of Toronto, **Toronto, May 29 – May 31, 2009.**
- 5th CIREQ Ph.D. Students' Conference, **McGill University, Montreal, May 26, 2009.**
- The Montreal Natural Resources and Environmental Economics Workshops, **McGill University, Montreal, January 23, 2009.**
- 42nd Annual Meeting of the **Canadian Economics Association (CEA)**, University of British Columbia, **Vancouver, June 6–8, 2008.**
- Groupe de recherche en affaires internationales (GRAI- **HEC Montréal**) seminar series, **Montreal, May 4, 2008.**
- The Montreal Natural Resources and Environmental Economics Workshops, **McGill University, Montreal, March 14, 2008.**
- 41st Annual Meeting of the **Canadian Economics Association (CEA)**, Dalhousie University, **Halifax, June 1 – June 3, 2007.**
- 3rd CIREQ Ph.D. Students' Conference, **Concordia University, Montreal, May 19, 2007.**
- The Montreal Natural Resources and Environmental Economics Workshops, **McGill University, Montreal, March 9, 2007.**

PROFESSIONAL MEMBERSHIPS

- American Economic Association (AEA)
- Association of Environmental and Resource Economists (AERE)
- Canadian Economics Association (CEA)
- Canadian Resource and Environmental Economics Association (CREEA)
- European Association of Environmental and Resource Economists (EAERE)
- International Association for Energy Economics (IAEE)
- Middle East Economic Association (MEEA)
- Mediterranean Experts on Climate and environmental Change (MedECC) network

LANGUAGES AND COMPUTER LITERACY

- English (fluent), French (fluent), Arabic (fluent)
- MS office, LATEX, STATA, MATLAB

REFERENCES (Available upon request)