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## PERSONAL INFORMATION

Nationality: Lebanese  
Country of Residence: Lebanon

## EDUCATION

Ph.D. Economics- Louisiana State University- December 1993.  
M.S. Economics- Louisiana State University- May 1989.  
B.S. International Trade and Finance- Louisiana State University- May 1987.

## RESEARCH INTEREST

Environmental Economics  
Environmental Planning and Management

## PROFESSIONAL EXPERIENCE

**Associate Dean**, School of Business, Lebanese American University, February 2012- August 2018, September 2019- present.

**Visiting Scholar**, Centre Scientifique de Monaco, Monaco, September 2018- March 2019.

**Assistant Dean**, School of Business, Lebanese American University, October 2008- January 2012.

**Chair, Department of Economics & Management**, School of Business, Lebanese American University, October 2005-September 2008.

**Associate Professor**, School of Business, Lebanese American University- Byblos, October 2005-present.

**Acting Chair, Department of Economics & Management**, School of Business, Lebanese American University, January-September 2005.

**Assistant Professor**, School of Business, Lebanese American University- Byblos, Lebanon, 1994-2005.

**Instructor**, Department of Economics, Louisiana State University, Baton Rouge, Louisiana, 1992-1993.

## REFEREED PUBLICATIONS

"Tropical Blue Carbon: Solutions and Perspectives for Valuations of Carbon Sequestration" (with N. Hilmi, MB Benitez Carranco, D. Broussard, M. Mathew, S. Cassotta, A. Safa, S. Maliki, F. Descroix-Comanducci, D. Allemand, C. Berthomieu, J. Hall-Spencer, C. Ferrier-Pagès), *Frontiers in Climate, Negative Emission Technologies*, Vol 5., DOI : 10.3389/fclim.2023.1169663, June 2023.

"Climate change impacts on Mediterranean fisheries: A sensitivity and vulnerability analysis for main commercial species" (with S. Farahmand, N. Hilmi, M. Cinar, A. Safa, V. Lam, W. Shahin, E. Ben Lamine, A. Schickele, P. Guidetti, D. Allemand and V. Raybaud), *Ecological Economics*, DOI: 10.1016/j.ecolecon.2023.107889, May 2023.

"Academia-Business Cooperation: A Strategic Plan for an Innovative Executive Education Program" (with W. Shahin), *Industry and Higher Education*, DOI: 10.1177/09504222221083852, 2022.

"Middle East and North Africa: Civil Society and Environmental Activism in the Arab World" in *The Routledge Handbook of Environmental Movements*, edited by Grasso, M. & Giugni, M.), ISBN 9780367428785. 96-108, 2022.

"Adaptation to climate change and emissions: halo effect or complacency?" (with W. Marrouch and N. Sayour), *The Energy Journal*, Volume 43, Issue 4, 2022.

"Response of the Arab World to Climate Change Challenges and the Paris Agreement", *International Environmental Agreements: Politics, Law and Economics*, 2021, DOI: 10.1007/s10784-021-09524-9.

"Does the ECB Policy of Quantitative Easing Impact Environmental Policy Objectives." (with N. Hilmi, W. Shahin, and A. Safa), *Journal of Economic Policy Reform*, 2021, DOI: 10.1080/17487870.2020.1855176

"Socio-economic Tools to Mitigate the Impacts of Ocean Acidification on Economies and Communities Reliant on Coral Reefs." (with N. Hilmi, D. Osborn, S. Acar, T. Bambridge, F. Chlous, M. Cinar, G. Haraldson, V. Lam, S. Maliki, A. De Marfy Mantuano, N. Marshall, P. Marshall L., N. Pascal, Recuero-Virto, K. Rehdanz, and A. Safa), *Regional Studies in Marine Science*, 28, 2019.

"Changing Ocean, Marine Ecosystems, and Dependent Communities," (Contributing Author) Chapter 5, *IPCC Special Report on the Ocean and Cryosphere in a Changing Climate*, 2019. (<https://www.ipcc.ch/report/srocc/>)

"Dealing with the effects of ocean acidification on coral reefs in the Indian Ocean and Asia." (with V. Lam, S. Dupont, S. Katua, J. Hall-Spencer, G. Holzer, S. Chavanich, F. Mars, M. Metian, K. Isensee, F. Gaill), *Regional Studies in Marine Science*, 28, 2019.

"Climate Impacts on the Ocean are Making the Sustainable Development Goals a Moving Target Traveling Away from Us." (with G. Singh, N. Hilmi, J. Bernhardt, A. M. Cisneros Montemayor, M. Cashion, Y. Ota, S. Acar, J. Brown, R. Cottrell, P. González - Espinosa, V. Lam, N. Marshall, B. Neumann, N. Pascal, G. Reygondeau, J. Rocklöv, A. Safa, L. Virto, W. Cheung). *People and Nature*, 2019.

"Assessment of Learning in Business Education: Standardized or Home Grown?" *Journal of Education for Business*, July 2017, 92:5, 238-244.

"Environmental Movement in the Arab World," *Environment, Development and Sustainability*, 2011, 13:743–758, online publication date: 19 February 2011.

"Environmental Movement in Lebanon," *Environment, Development and Sustainability*, 2009, 11:427-438, Springer Publisher, online publication date: 8 November 2007..

"Efficiency of Commercial banks in Lebanon," (with E. Raad), *International Journal of Financial Services Management*, 2008, Vol. 3, No. 2, 105-123.

“Correlates of Longevity: A Regression Model,” (with J. Sreih), *Journal of Business and Entrepreneurship*, March 2008, Vol. 20, No. 1, 61-71.

“Quantification of Health Impact of Air Pollution in a Developing Country,” (with I. Nuwayhid and F.B. Chaaban), *International Journal of Applied Environmental Sciences*, June 2007, Vol 2, No. 1, 57-68.

“Determinants of Longevity and Success in Lebanese Family Businesses: An Exploratory Study,” (with J. Sreih), *Family Business Review*, September 2006, Vol. XIX, no. 3, 225-234.

Book Review: *The Lessons of Lebanon: The Economics of War and Development* (2004), by Samir Makdisi, *Review of Middle East Economics and Finance*, 2005, Vol. 3, No. 1, 87-90.

Book Review: *The Economics of Women and Work in the Middle East and North Africa*, *Review of Middle East Economics and Finance*, 2003, Vol.1, No. 1, 81-86.

“A Study of Social and Economic Implications of Mobile Sources on Air Quality in Lebanon,” (with F.B. Chaaban and I. Nuwayhid), *Transportation Research Part D*, September 2001 (6), pp. 347-355.

“The Median Voter Hypothesis: Evidence from General Purpose Local Governments,” (with G. K. Turnbull), *Public Choice*, December 1994, 81(3-4), pp. 223-240.

“Overlapping Jurisdictions: Substitutes or Complements?” (with G. K. Turnbull), *Public Choice*, March 1993, 75(3), pp. 231-245.

## CONFERENCE PROCEEDINGS

“Environmental Performance of Developing Countries: A Comparative Study,” Topics in Middle East and North African Economies, electronic Journal, Volume 14, 265-277, Middle East Economics Association and Loyola University Chicago, September 2012. <http://www.luc.edu/orgs/meea/>.

“The Role of Development in Promoting Environmental Awareness: Evidence from Lebanon,” Topics in Middle Eastern and North African Economies, electronic journal, Volume 9, Middle East Economic Association and Loyola University Chicago, September, 2007, <http://www.luc.edu/orgs/meea/>.

“Efficiency Performance of Commercial Banks in Lebanon,” (with E. Raad), in the *Proceedings of the International Conference on Middle East and North African Economies: Past Perspectives and Future Challenges*, Editors: Ali Bayar and Jeffrey Nugent, Brussels, June 2-4, 2005.

## POLICY BRIEFS

MedECC, 2024: Summary for Policymakers [Djoundourian, S., Lionello, P., Llasat, M.C., Cramer, W., Guiot, J., Driouech, F., Gattacceca, J.C., Marini, K. (eds.)]. In: Climate and Environmental Coastal Risks in the Mediterranean. [Djoundourian, S., Lionello, P., Llasat, M.C., Cramer, W., Driouech, F., Guiot, J., Gattacceca, J.C., Marini, K. (eds.)]. MedECC Reports. MedECC Secretariat, Marseille, France.

“Coastal Blue Carbon and other Marine Biological Processes as a Solution to the Ecological and Socio-economic Impacts of Climate Related Changes in the Ocean. Can we rely on natural ocean processes for climate mitigation?” Centre Scientifique de Monaco and International Atomic Energy Agency, 2022.

“Ocean Sustainability and Ocean Economics in Developing Countries,” Centre Scientifique de Monaco and International Hydrographic Organization, March 2019.

"Human impacts on Mediterranean marine ecosystems and the economy", (Contributing Author) Centre Scientifique de Monaco and Plan Bleu, April 2018.

“Bridging the Gap between Ocean Acidification Impacts and Economic Valuation: From Sciences to Solutions,” Centre Scientifique de Monaco and IAEA, October 2017.

## **PROFESSIONAL AFFILIATIONS**

- CLIM-ECO<sup>2</sup> Project, Centre Scientifique de Monaco and University of Nice
- MedECC- Mediterranean Experts on Climate and environmental Change
- Global Network of AACSB Facilitators
- Women in Management Education (WAME)
- Economic Research Forum
- Information International
- International City/County Management Association
- Lebanese Center for Policy Studies
- EcoMod Network
- American Economic Association
- Middle East Economic Association