

Dr. Emad Saleh Imreizeeq

Curriculum Vitae

Personal Details

Name: Emad Saleh Imreizeeq

Nationality: Netherlands

Marital Status: Married

Address: College of Business Administration

University of Khorfakkan, Sharjah, UAE

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Academic Qualifications

- Ph. D. Mathematics, University of Twente, Netherlands, 2011.
- M. SC. Engineering Mathematics, University of Twente, Netherlands, 2000.
- B. SC. Mathematics, Birzeit University, Palestine, 1992-1996

Employment History

- 2025 – Present: Assistant Professor, University of Khorfakkan – Khorfakkan.
- Abu Dhabi Polytechnic, Assistant Professor, 2018-2025.
- Abu Dhabi Polytechnic, Senior Lecturer, 2014-2018.
- Consultant: Modeling and research in applied Mathematics 2012-2013
- University of Twente Research associate, 2008-2011.
- University of Twente, Lecturer, 2008-2010.
- University of Twente, Research and Teaching assistant, 2000-2008.
- Birzeit University, Teaching Assistant, 1996-1998

Teaching Experience

- Calculus I, Calculus II, Calculus III
- Ordinary Differential Equations
- Applied Mathematics
- Introduction to Probability and Statistics
- Investment and Continuous Time Finance
- Linear Algebra

Research Interests

- Mathematical Finance, Statistics, Meteorology, Systems and Control.

Research Publications (Books, Journals & Conference papers)

- S. Aihara and A. Bagchi and **E. Imreizeeq**, (2009), Parameter Estimation of Electricity Spot Models form Futures Prices, Proc. of 15th IFAC Symposium on System Identification, Saint-Malo, France, pp.1457-1462, 2009. ISBN 978-3-902661-47-0.
- Aihara, S., A. Bagchi and **E. Imreizeeq** (2010), Identification of electricity spot models from futures prices. Proc. of the 41st ISCIE, International Symposium on Stochastic Systems Theory and Its Applications pp. 217–222. The Institute of Systems, Control and Information Engineers (ISCIE). <http://www.ijicic.org/sss09-06.pdf>. ISBN (print): 978-4-915740-47-3.
- S. Aihara and A. Bagchi and **E. Imreizeeq**, (2011), Identification of electricity spot models by using convolution particle filter, Int. J. Innovative Computing, Information and Control. Volume 7, number 1, pp. 61-72. ISSN: 1349-419.
- Aihara, S., A. Bagchi and **E. Imreizeeq** (2013), Filtering and identification of stochastic risk premium for electricity spot price models. IFAC Proceedings Volumes, Volume 47, Issue 3, 2014, Pages 9563-9568.
- F. Bozkurt, A. Yousef, **E. Imreizeeq**, (2018), Flip and Neimark-Sacker Bifurcation for a Monoclonal Brain Tumor Population with Allee Effect, Wulfenia Journal. Volume 25, issue 12
- F. Al-Dalabeeh. **E. Imreizeeq** and Hajar Al-naqbi (2019), Long term analysis of the subtropical jet over the Arabian Peninsula, Int. J. of Global Warming, 2019 Vol.17 No.2.
- Mufeed Batarseh, **Emad Imreizeeq**, Seyda Tilev, Mohammad Al Alaween, Wael Suleiman, Abdulla Mohammed Al Remeithi, Mansoor Khamees Al Tamimi, Majdy Al Alawneh, (2021) Assessment of groundwater quality for irrigation in the arid regions using irrigation water quality index (IWQI) and GIS-Zoning maps: Case study from Abu Dhabi Emirate, UAE, Groundwater for Sustainable Development, Volume 14.
- Mufeed Batarseh, **Emad Imreizeeq**, Seyda Tilev, Mohammad Al Alaween, Wael Suleiman, Abdulla Mohammed Al Remeithi, Mansoor Khamees Al Tamimi, Majdy Al Alawneh, (2021) Dataset for the physio-chemical parameters of groundwater in the Emirate of Abu Dhabi, UAE, Data in Brief, Volume 38.
- **Emad Imreizeeq**, Jamal Al-Karaki, Amjad Gawanmeh, (2023), Statistical Analysis of Factors Associated with Recent Traffic Accidents Dataset: A Practical Study, Int. J. of Quality Engineering and Technology, Vol. 9, Issue: 1.

University & Community Services

- Member of the articulation committee 2015-2024
- Member of Academic affairs committee of ADPoly 2018-2023.