

**Nizar HARRATHI**  
**Associate Professor of Economics**  
**College of Business Administration - King Saud University**  
**Saudi Arabia**




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### Personnel Information

- Born: January 08th, 1974 Tunisia
- Social Status: Married, Two children
- Sex: Male
- Nationality: Tunisian
- Postal address: Economics Department, CBA-KSU, P.O Box 71115 - Al-Riyadh 11451
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### Current Position

Associate Professor of Economics: College of Business Administration - King Saud University- Economics Department - Saudi Arabia

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### Specialization and Areas of Interest

**Field:** Econometrics, Quantitative Economics, Statistics and Data Analysis, Development Economics, Economics of Money and Banking

**Areas of interest:** Labor Economics, Development Economics, Energy and Sustainable Economics, Environmental and Resource Economics, Macroeconomic Modelling and analysis, Monetary Economics, Financial and Applied Econometrics, Middle East and North African Economies

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### Academic Qualification

- 2014: HDR; Ability to Conduct Research in Economics; Tunis El Manar University.
- 2008: Ph.D. in Economics: Tunis El Manar University, Economics and Industrial Management Laboratory, Tunisia Polytechnic School, Tunisia.
- 2002: Master's Degree in Applied Economics, UPEC - Paris-Est Créteil University (ex-Paris 12 University), Economic Theory, Modeling and Applications Laboratory (THEMA), Paris X Nanterre University, France
- 2000: B.sc Degree in Quantitative Methods Applied to Management and Economics, Tunis El Manar University, Tunisia.

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### Computer Skills

- **General knowledge:** Microsoft Office, Adobe Photoshop, Experience of Access, Advanced Excel
- **Statistical and Econometrics Software:** Very Good knowledge and programming R Studio, Python, SPSS, MatLab, SAS, Stata, Eviews, Gauss, DEAP
- **Systems:** Windows: Broad experience on all the versions
- **Skills:** Econometrics, Data analysis and Classification Methods, Macro- and Micro - Economic Modelling, Forecasting, Simulation Techniques.

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**Languages**

Arabic (Mother tongue)

French - English: Read, Write and Speak (Fluent)

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**Skills and Knowledge**

- International Organization for Standardization; ISO 9011-2015
  - Association to Advance Collegiate Schools of Business (AACSB) Accreditation Standards and Requirements
  - National Commission for Academic Accreditation and Assessment (NCAAA) Standards and Requirements
  - Learning Management System (LMS) and Blackboard
  - Teaching effectiveness and Assurance of learning: National and international accreditation
  - Design e-course
  - Pearson's online Learning solutions
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**Academic Experience**

- Since October 2021: Associate Professor of Economics, College of Business Administration- King Saud University.
  - Since May 2022: Full Professor, Faculty of Economic Sciences and Management of Nabeul, Carthage University, Tunisia.
  - January 2015-Now: Associate Professor, Faculty of Economic Sciences and Management of Nabeul, Carthage University, Tunisia.
  - September 2011-September 2021: Assistant Professor of Economics, College of Business Administration- King Saud University.
  - 2010-2011: Assistant Professor, Faculty of Economic Sciences and Management of Nabeul, Carthage University, Tunisia.
  - 2009-2010: Assistant Professor, High Institute of Management of Sousse, Sousse University, Tunisia.
  - 2004-2008: Lecturer, High Institute of Management of Sousse, Sousse University, Tunisia.
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**Academic, Administrative and Professional Service**

- Member, ISO Committee, College of Business Administration, King Saud University. From 2017-Now.
- Supervisor, Skills Development Unit - College of Business Administration, King Saud University. From 2017-2020
- Member, Executive Master of Economics (Quality and Accreditation), From 2022-Now.
- Member, PhD. Program Committee, Department of Economics-College of Business Administration, King Saud University. From 2022-Now
- Supervisor, Exam Committee, Department of Economics - College of Business Administration, King Saud University. From 2022-Now.
- Supervisor, AACSB Accreditation Committee - Department of Economics - College of Business Administration, King Saud University
- Supervisor, Data Collection, Documents and Information Committee - AACSB Accreditation - College of Business Administration, King Saud University, From 2015-2021

- Supervisor, Quality Unit, Department of Economics - College of Business Administration, King Saud University. From 2014-Now
- Member, Exam Committee, Department of Economics - College of Business Administration, King Saud University. From 2014-Now
- Vice Chair, Exam Committee, College of Business Administration, King Saud University. From 2013-2016.
- Member, Accreditation Committee, Department of Economics-College of Business Administration, King Saud University. From 2014-Now.
- Member, High Graduate Studies Committee, Department of Economics-College of Business Administration, King Saud University. From 2011-Now.
- Member, Curriculum Committee, Department of Economics-College of Business Administration, King Saud University. From 2011-Now.
- Member, Quality Unit, Department of Economics-College of Business Administration, King Saud University. From 2011-2013
- Member, Faculty Examinations Committee, College of Business Administration, King Saud University. From 2011-2013.

### **Research Laboratories**

- Since 2009: Research Member - Laboratory for Research on Quantitative Development Economics - Tunis El Manar University, Tunisia.
- 2003-2008: Research Member-Economics and Industrial Management Laboratory, Polytechnic School, Tunisia
- 2002-2004: Research Member -Group for Economic Analysis Thoey (GATE), Lumière Lyon II University, France
- 2001-2002: Research Member -Economic Theory, Modeling and Applications Laboratory (THEMA), Paris X Nanterre, France

### **Research Interest**

- Development Economics and Economic Policy Analysis
- Energy Economics, Environments and Resource Economics
- Islamic Finance and Banking and Monetary Policy
- Urban Economics
- Labor Economic
- Financial Econometrics

### **Consulting, Expertise and Research Project**

#### **1. Consultant at the Center for Artificial Intelligence - 2019**

Research Project and Training: Development Capabilities of GOSI in the research fields. General Organization for Social Insurance and Artificial Intelligence (AI) Center KSU - Saudi Arabia

#### **Research Project**

- Research Project 1: The Creditability of GOSI's data of Traffic Accidents and what are the Financial Impacts on GOSI?
- Research Project 2: The Impacts of Public Sector Privatization on GOSI's Financial Performance

#### **Training Programs**

- Training Program 1: Simulation Techniques
- Training Program 2: Advanced Econometrics using Eviews

- Training Program 3: Advanced Statistical Analysis Using SPSS
- Training Program 4: Research Methodology and Publication
- 2. **Saudi Central Bank (ex. Saudi Arabian Monetary Authority - SAMA) joint Research Program: 2021 - 2022**
  - **Research Project: 2021**
  - Impact of Financial Inclusion on Economic Growth in Saudi Arabia: An Autoregressive Distributed Lag Modeling Approach; The Saudi Central Bank (SAMA)
  - **Training Programs: Saudi Economist program: 2022**  
Mathematical Economics (application with R-Project Software)
- 3. **Saudi Industrial Development Fund: 2012**  
**Training Program:**  
Development of Econometrics Skills using Eviews to conduct Economic Analysis: Saudi Industrial Development Fund - Saudi Arabia

### External Advisor and Examiner for Ph.D and Related Activity

- Approved Advisor for Ph.D. Thesis in Economics, University Tunis El Manar, Tunisia
- External Examiner for Ph.D. Thesis evaluation, University Tunis El Manar, Tunisia
- External Examiner for Ph.D. Thesis evaluation, University of Sousse, Tunisia
- External Examiner for Ph.D. Thesis evaluation, Imam Mohammad Ibn Saud Islamic University, Saudi Arabia
- External Examiner for Ph.D. Thesis evaluation, Umm Al-Qura University, Saudi Arabia
- Advisor for Master Thesis; Master Degree in Economics: Economics: College of Business Administration- King Saud University
- Advisor for Research Project; Executive Master Degree in Economics: College of Business Administration- King Saud University
- 1. **Research projects:** Sustainable Development Goals (SDGs) for the Arab Countries, 2023-2024
- 2. **Thesis Subjects 1:** Impact of green economics on economic development in Saudi Arabia (Energy use, Human Capital Investment, GDP per capital); 2023
- 3. **Thesis Subjects 2:** Impact of Economic Complexity on Economic Development in Saudi Arabia, 2022
- 4. **Thesis Subjects 3:** Impact of Export Diversification on Human Development in Saudi Arabia, 2022
- 5. **Thesis Subjects 4:** The determinants of the capital structure and their impact on profitability and on labor demand in Tunisia, 2021
- 6. **Thesis Subjects 5:** International migration and brain drain: Causes and Consequences for departure countries, 2019
- 7. **Conferences 1:** Key Labor Market Indicator analysis and by qualification, gender, age group in Tunisia, 2017
- 8. **Team Leader** of the Households Consumption and Budget Survey in Tunisia at the National Institute of statistics, 2000

### Teaching:

#### Graduate Level

- **Ph.D. programs:** Economics - Business Administration

- Courses:** 1. Econometrics 2. Financial Econometrics 3. Mathematical Economics 4. Microeconomic Theory 5. Advanced Economic Analysis 6. Development Economics
- **Executive Master:** Economics
  - Courses:** 1. Structural Change and Development Economic 2. Basic Economics Concepts 3. Tools for Economic Analysis 4. International Economics
  - **Master of Science:** Econometrics and Mathematical Economics - Economics Banking and Finance - Economics - Accounting - MBA
  - Courses:** 1. Financial Econometrics 2. Advanced Econometrics (Macro-Econometrics and Micro-Econometrics) 3. Econometrics 4. Applied Econometrics 5. Macroeconomic Theory 6. Economics Growth and Development 7. Computational statistics and Data Analysis 8. Applied Statistics 9. Scientific Research Methods 8. Insurance and Risk Management 9. Managerial Economics 10. Health Economics

### Undergraduate Level

**Bachelor of Science:** Economics - Applied Statistics - Management - Finance -International Trade – Marketing - Quantitative Methods

**Courses:** 1. Econometrics 2. Applied Statistics 3. Economic Development and Planning 4. Probability Calculus 5. Data Analysis 7. Mathematical Economics 8. Quantitative Economics 9. Macroeconomic 10. Microeconomic. 11. Assets Management and Finance in Islamic Banking. 12. Islamic Banking and Finance System. 13. Islamic Banking Services. 14. Applied Econometrics 15. Labor economics 16. Macroeconomic Analysis 17. Business Statistics

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### Publications and Working Paper

#### Publications

1. 2022: Determinants of **Carbon Dioxide Emissions**: New Empirical Evidence from MENA Countries. International Journal of Energy Economics and Policy, Vol. 12, No. 1, pp: 469-482
2. 2021: Do Recent Declining Money Growth Rates Affect the Stability of **Money Demand** for the Saudi Economy?, Economic Studies: Vol. 27 No. 14, pp: 1-44
3. 2020: Validity of the Expectations Hypothesis of the **Term Structure of Interest Rates**: the case of Saudi Arabia, Review of Middle East Economics and Finance, Vol. 16 No. 1, pp: 1-18
4. 2019: Investigation of the impact of market power on the bank performance and efficiency in Islamic and Conventional banks in GCC Journal of Islamic Banking and Finance, Vol. 7 No. 2, pp: 1-13
5. 2017: The Causal Links between **Economic Growth, Renewable Energy**, Financial Development and Foreign Trade in Gulf Cooperation Council Countries, International Journal of Energy Economics and Policy, Vol. 7, No. 2, pp: 76-85
6. 2016: Emerging Equity Markets Connectedness, Portfolio Hedging Strategies and Effectiveness, International Journal of Financial Research, Vol. 7, No. 2, pp: 189-201
7. 2016: The transmission of liquidity shock across international markets during the 2007-08 financial crisis. Journal of Applied Finance & Banking, Vol. 6, No. 1, pp: 29-51
8. 2015: Bank Efficiency Analysis: Islamic Banks versus Conventional Banks in the Gulf Cooperation Council Countries 2006 – 2012, International Journal of Financial Research, Vol. 6, No. 4, pp: 143-150
9. 2015: Interdependence between GCC stock market and Oil prices and Portfolio Management Strategies under structural breaks, African Journal of Business Management, Vol. 9, No. 5, pp: 233-242

10. 2014: Revisiting the shock and volatility transmissions among GCC equities and oil price: A further investigation. *Economic Modelling*, Vol. 38, pp: 486-494
11. 2013: **Financial Development and Economic Growth in North African Region**. *African Development Review*, Vol. 25, No. 4, pp: 551-562.
12. 2013: Volatility transmission and conditional correlation between oil prices, stock market and sector indexes: Empirics for Saudi Stock Market. *Journal of Applied Finance & Banking*, Vol. 3, No. 4, 2013, pp: 125-141
13. 2011: Volatility spillover among index sector of international market. *Journal of Money, Investment and Banking*, Issue 22, pp: 32-45

### **Working Paper**

1. 2022: Impact of Financial Inclusion on Economic Growth in Saudi Arabia: An Autoregressive Distributed Lag Modeling Approach, SAMA Joint Research Program, JRP/2021/05 February 2022, Saudi Central Bank (SAMA). [https://www.sama.gov.sa/en-us/economicresearch/pages/joint\\_research\\_program.aspx](https://www.sama.gov.sa/en-us/economicresearch/pages/joint_research_program.aspx)
2. 2011: Volatility Spillover Among Islamic and Others Stocks Market: with Jihed Majdaub and Mohamed Ali HOUFI. First Middle East North Africa Meeting on Financial & Fiscal Policies, Economic Growth, and Integration in MENA Region 5-6/05, 2011 – Sousse- TUNISIE. (Communication)
3. 2011: The Relationship between Islamic Bank Efficiency and Stock Market Performance: Evidence from GCC, with Imen KOUKI and Srairi SAMIR, International Conference on Islamic Economics and Finance, Doha 19th – 21th December 2011, Qatar. (Communication)
4. 2007: Monetary information arrivals and intra-day exchange volatility: a comparison of GARCH and EGARCH models, with in Darmoul Mokhtar, working paper, Paris 1-Sorbonne Economic Centre 2007.
5. 2005 : Mécanismes de transmission entre marchés financiers : une modélisation GARCH vectoriel. Coédité avec Houfi Mohamed Ali et Kouki Mokhtar (LEGI-EPT). ISC de paris, Cahier Hors-série N° 3, page 137, Mars 2005.
6. 2004 : Utilisation d'Eviews : Commende de Base et Applications. Coédité avec Houfi Mohamed Ali. LEG-EPT.

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### **Research in Progress**

- Determinant of Capital Structure of Tunisian Listed Firms: A Quantile Regression Approach
- Impact of Remittance Outflows on Economic Growth in Four GCC Countries: A Panel Investigation
- Sensitivity of Labor Productivity to Internet Use in MENA Countries: Evidence from Dynamic Panel Data
- FDI, Financial Development, and Economic Growth Nexus in North Africa: A Panel Cointegration Approach
- The Euro-American-British financial CDS markets: who are the stress transmitters and receivers of volatility spillovers?

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### **Editorial Board and Refereeing Activity**

#### **- Editorial Board Member:**

Journal of Insurance and Financial Management

#### **- Refereeing Activity:**

Journal of Applied Economics - Economic Modelling - Applied Economics - International Journal of Business and Economics - Review of Middle East Economics and Finance - Emerging Markets Finance and Trade - African Journal of Business Management - Economic

Change and Restructuring - Journal of the Knowledge Economy - Journal of Business Economics and Management

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### Training Activities

- Provided training in Applied Econometrics for Graduate Students, Economics Department- College of Business Administration, King Saud University : Analysis of the Endogeneity Problem in Economic Growth : A panel data Cointegration approach.
  - Provided training in Applied Econometrics for Graduate Students, Economics Department- College of Business Administration, King Saud University : Volatility transmission modelling using univariate and multivariate GARCH model.
  - Provided training in Applied Econometrics for Graduate Students, Economics Department- College of Business Administration, King Saud University: A panel data analysis using Eviews.
  - Provided training in Econometrics and Application with Eviews7.1 for Graduate Students, Economics Department- College of Business Administration, King Saud University
  - Provided training in Structural Equation Modelling using Amos 18 and SPSS 18.0 PHD Students, College of Business Administration, King Saud University
  - Provided training in Econometrics and Applied Methods for Classification, Application with Stata 10, Eviews 5.1 and SPSS 16.0 for Assistant Professor and lecturers at the High Institute of Management, Sousse, Tunisia.
  - Training to use Eviews 4.1 for researcher's member of Economics and Industrial Management Laboratory, Tunisia Polytechnic School, Tunisia
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### International Seminars and Conferences

- The 44th International Conference of the International Association for Energy Economics (IAEE)- Saudi Arabia, February 4-9, 2023
- First Middle East North Africa Meeting on Financial & Fiscal Policies, Economic Growth, and Integration in MENA Region May 5-6, 2011 – Sousse- TUNISIA
- International Conference on Economics and Finance, İzmir, Turkey, 15-17 April 2011.
- Journée d'Économétrie- Développements Récents de l'Econométrie Appliquée à la Finance, l'Université Paris Ouest – Nanterre, novembre 2010.
- 3<sup>ème</sup> Conférence Euro-Africaine en Finance et Economie, Maison des Sciences Economiques, Paris 3-4 Juin 2010.
- 5<sup>ème</sup> Colloque International Finance et Stratégies de Développement, 18-19 Mars 2010 Sousse, Tunisie.
- 5th International Finance Conference IFC 5, 12-14 March 2009 - Hammamet, Tunisia.
- 4<sup>ème</sup> Colloque International Finance et Stratégies de Développement, 27-28 Mars 2009, Sousse, Tunisie.
- Assessing Development Strategies to Achieve the MDGs in the Arab Region, the World Bank, Development Policy and Analysis Division, Tunisia Polytechnic School, 21-24 January 2008.
- 4th International Finance Conference IFC 4, 15-17 March 2007 - Hammamet, Tunisia.
- Journée d'Économétrie Développements Récents de l'Econométrie Appliquée à la Finance, l'Université Paris Ouest – Nanterre, novembre 2007.
- 2ème Conférence Euro-Africaine en Finance et Economie-CEAFE, 8- 9 juin 2006 - Ecole Polytechnique de Tunisie.
- Journée d'Économétrie Développements Récents de l'Econométrie Appliquée à la Finance, l'Université Paris Ouest – Nanterre, novembre 2006.