Prof. Ali CHEAITOU
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Professor of Industrial Engineering & Engineering Management
Operations and Supply Chain Management

PROFESSIONAL EXPERIENCE

Department of Industrial Engineering and Engineering Management (ABET Accredited), College of Engineering, University of Sharjah, Sharjah, United Arab Emirates.

2025 – current **Professor**
2019 –2024 **Associate Professor**
2011 – 2018 **Assistant Professor**

Kedge Business School (AACSB, AMBA, and EQUIS accredited), Marseille, France (2011-2013: on leave).

2009 – 2013 **Assistant Professor**

Meltem Consulting – L'Oréal, Paris, France, and Shanghai, China.

2007 – 2009 **Consultant** in Supply Chain Management – Information Systems (SAP).

Paris-Saclay University – CentraleSupelec (formerly Ecole Centrale Paris), France.

2007 **Temporary teaching and research fellow (ATER).**
2004 – 2007 **Lecturer (Moniteur - ATER) and Research Fellow (Allocataire)**.

ADMINISTRATIVE RESPONSIBILITIES

University of Sharjah, Sharjah, United Arab Emirates.

2026 – current **Assistant Dean for Graduate Studies and Research**
College of Engineering.

2026 – current **Chair of the Program Committee**
PhD in Electrical and Computer Engineering, College of Engineering and College of Computing and Informatics.

2025 – current & 2013 – 2017 **Program Coordinator and Chair of the Program Committee**
PhD in Engineering Management, College of Engineering.

2021 – current **Research Group Coordinator**
Sustainable Engineering Asset Management Research Group, Research Institute for Science and Engineering.

2025 – 2026, 2022 – 2023 & 2013 – 2014 (Summers) **Acting Department Chairman (Summer)**
Department of Industrial Engineering and Engineering Management, College of Engineering.

2018 – 2022 **Department Chairman**
Department of Industrial Engineering and Engineering Management, College of Engineering.
Successfully led the department to secure **ABET reaccreditation** (BSc program), **Ministry of Education reaccreditation** (BSc and MSc programs), and to prepare the SSR for the PhD program.

2013 – 2016 **Program Coordinator and Chair of the Program Committee**
M.Sc. in Engineering Management, College of Engineering.

Kedge Business School (formerly **Euromed Management), Marseille, France.**

2009 – 2011 **Coordinator**
Supply Chain Management courses.

Paris-Saclay University – CentraleSupelec (formerly **Ecole Centrale Paris), Paris, France.**

2006 – 2007 **President**
Association of Ph.D. Students (UdE3c).

2006 **President**
Association of Ph.D. Students (Intergroup) of the Five French ***Ecole Centrale*** Engineering Schools (IDEC), Paris, Marseille, Lyon, Nantes, Lille, France.

2006 **Member of the Board of Directors**
Representative of Postgraduate Students.

ACADEMIC QUALIFICATIONS

2024, 2019, 2015, 2009 **Qualification** for Associate Professor (Maître de Conférences).
French National Universities Council - French Ministry of Higher Education and Research, France.

Jan. 2008 **Ph.D.** (**Doctorat**) in Industrial Engineering.
Paris-Saclay University – CentraleSupelec (formerly Ecole Centrale Paris) in collaboration with HEC Paris, France.

Sep. 2004 **Master's degree (DEA - Grade de Master)** in Industrial Systems Engineering.
Paris-Saclay University – CentraleSupelec (formerly Ecole Centrale Paris), France.

Jul. 2003 **Bachelor of Engineering (Diplôme d'ingénieur)** in Mechanical Engineering.
Lebanese University, Beirut, Lebanon.

PROFESSIONAL DIPLOMAS & TRAINING

January – April 2024 **Professional Diploma in Artificial Intelligence (AI) Programmer**
Python, Data Science, Machine Learning, Artificial Intelligence, Deep Learning
University of Sharjah, Sharjah, United Arab Emirates.
In collaboration with the University of Newcastle, UK.

April 2024 **Modeling and Building Digital Supply Chain Twins using AnyLogistix**
Indian Institute of Management, Mumbai, India

PART-TIME & VISITING APPOINTMENTS

Apr. – May 2010 **Visiting professor,** King Saud University, Riyadh, Saudi Arabia.

2009 – 2013 **Part-time visiting lecturer,** ESAA (Ecole Supérieure Algérienne des Affaires, Consortium of 5 French Business Schools), Algiers, Algeria.

Sep. 2008 – Aug. 2009 **Part-time lecturer,** Engineering School, Pôle Universitaire Léonard De Vinci, Paris, France.

UNIVERSITY & COMMUNITY SERVICE

University of Sharjah, Sharjah, United Arab Emirates.

2025-2026 Chair of the committee to establish a new BSc in Aviation Operations Engineering and Management program.
2026 Chair of the Committee to establish the Sharjah Engineering Journal with Elsevier.
2026 Member of the Ad-hoc Committee on Research Data Ownership, College of Engineering.

2025– 2026	Chair of the Research & Scholarly Activities Committee, College of Engineering.
2024-2025	Chair of the Student Success Committee, College of Engineering.
2022-2023	Chair of the Ad-hoc committee for embedding Industry 4.0 Certification in the BSc program in Industrial Engineering and Engineering Management.
2022- 2025	Member of the College of Engineering Council, representative of the Department of Industrial Engineering and Engineering Management.
2018- 2022	Member of the College of Engineering Council (as a Department Chair).
2014–2015, 2016-2017, & 2026-2027	Member of the University Graduate Studies Council
2016- 2017	Member of the College of Engineering Council, representative of the PhD in Engineering Management program.
2013 – 2015	Member of the College of Engineering Council, representative of the Department of Industrial Engineering and Engineering Management.
2013 – 2017	Member of the teaching and learning and accreditation committee (ABET and Ministry of Education), Department of Industrial Engineering and Engineering Management.

Paris-Saclay University – CentraleSupelec (formerly **Ecole Centrale Paris), Paris, France.**

2006 – 2007	Member of the Board of Directors, Graduate students' representative.

COURSES TAUGHT

- Supply Chain Management (MSc in Engineering Management, English)
- Applied Engineering Optimization (MSc in Engineering Management, English)
- Engineering Modelling and Optimization (PhD in Engineering Management, English).
- Enterprise Resource Planning (ERP) Systems (BSc in Industrial Engineering and Engineering Management, English).
- Engineering Management Research Methodologies (MSc in Engineering Management, English).
- Practical training coordinator (BSc in Industrial Engineering and Engineering Management).
- Independent studies in engineering management (PhD in Engineering Management, coordinator and instructor).
- Manufacturing Processes + Lab (BSc in Industrial Engineering and Engineering Management, English).
- Operations Management (MBA, French).
- Operations Management (MSc in Engineering Management, English).
- Supply Chain Management (Master's in Management, English).
- Production and Inventory Systems (BSc in Industrial Engineering and Engineering Management, English).
- Stochastic System Simulation + Lab (BSc in Industrial Engineering and Engineering Management, English).
- Stochastic simulation + Lab (BSc in Industrial Engineering and Engineering Management, English).
- Supply Chain Management (BSc in Industrial Engineering and Engineering Management, English).
- Operations Research II (BSc in Industrial Engineering and Engineering Management, English).
- Operations Research I + Lab (BSc in Industrial Engineering and Engineering Management, English).
- Operational Logistics Management (Master's in Management, English).
- Production Management (Master's in Management, French).
- Inventory Management (Master's in Management, English).
- Introduction to Industrial Engineering (Bachelor's in Industrial Engineering, French).

EXECUTIVE COURSES TAUGHT/TRAINING GIVEN

- Industrial facilities management, University of Sharjah, UAE (Arabic)
- Operations Management, ESAA, Algeria (MBA, French)
- Materials Flows Management, Euromed Management, France ("Mastère Spécialisé", French)
- SRM Module of SAP, L'Oréal, France (French)

SUPERVISION OF GRADUATION PROJECTS – MSC AND PHD THESES - POSTDOCS

Postdoc

June. 2025 – June 2026 Co-supervisor, Kader Sanogo, Postdoctoral fellow, University of Sharjah, Sharjah, United Arab Emirates.
Title: Modelling and Optimization of Sustainable Operations and Supply Chains.

Oct. 2024 – Oct. 2025 Supervisor, Ali Siam, Postdoctoral fellow, University of Sharjah, Sharjah, United Arab Emirates.
Title: AI and Machine Learning models for Industrial Systems.

PhD theses supervision

2026 – present Supervisor, Mohamed Ali Mohamed Ahmed Alsalami, PhD in Engineering Management, University of Sharjah, Sharjah, United Arab Emirates.
Title: Impact of AI, FinTech, Digital Tools, and Cybersecurity on Jobs in the UAE Banking Sector: Adaptability and Future Jobs.

2026 – present Co-supervisor, Mohamed BinAshour, PhD in Engineering Management, University of Sharjah, Sharjah, United Arab Emirates.
Title: Integrating AI Trustworthiness into the Specific Operations Risk Assessment (SORA) Framework for UAS Operations.

2024 – present Co-supervisor, Salama Ahmed Helal Alkaabi, PhD in Engineering Management, University of Sharjah, Sharjah, United Arab Emirates.
Title: Flexible automated process for public housing design selection.

2024 – present Co-supervisor, Shaikha Binkhatim Almarzooqi, PhD in Engineering Management, University of Sharjah, Sharjah, United Arab Emirates.
Title: Acceptance of Artificial Intelligence in Air Traffic Control: Navigating Trust and Human Factors (UAE Case Study).

2022 – present Co-supervisor, Radhwan Sani, PhD in Engineering Management, University of Sharjah, Sharjah, United Arab Emirates.
Title: Autonomous drones for precision agriculture: developing an airborne decision-making system for native plants under arid conditions.

2021 – 2025 Main supervisor, Khalid Alshehhi, PhD in Engineering Management, University of Sharjah, Sharjah, United Arab Emirates.
Title: Developing a Framework for the Procurement Process of Artificial Intelligence Systems in the UAE Public Sector.

2021 – 2024 Supervisor, Mariam Jasim Al Ali, PhD in Engineering Management, University of Sharjah, Sharjah, United Arab Emirates.
Title: An Artificial Intelligence-based Approach for Technical Workforce Allocation and Routing Considering Productivity.

2017 – 2020 Co-supervisor, Sadeque Hamdan, PhD in Industrial Engineering, CentraleSupelec, Paris Saclay University, Paris, France.
Title: Optimization Models for Air Traffic Flow Management

2014 Member, PhD supervisory committee of Alexandre Lavissière, Ecricome PhD in management, Kedge Business School, France.
Title: Free Ports of the 21st Century, A Logistic Approach to the Phenomenon.

PhD thesis examination committees

09/04/2026 Abeer Saeed Ahmed Abuzanjal, PhD in Engineering Management, University of Sharjah, United Arab Emirates.
Title: An Examination of Challenges to Innovation in the UAE Public Sector.

26/03/2026 Jasim Mohamed Ali Khuzam Alsuwaidi, PhD in Engineering Management, University of Sharjah, United Arab Emirates.
Title: Investigating Barriers to Artificial Intelligence (AI) Implementation in Logistic Operations: A Case Study in the UAE.

20/11/2025 Khalifa Mohamed Abdalla Bin Hadda al-Suwaidi, PhD in Engineering Management, University of Sharjah, United Arab Emirates.

	Title: Designing a Productivity-Boosting System for Public Sector Services in the UAE in the Era of the Fourth Industrial Revolution.
14/11/2024	Abdelrahman Rashid Sultan Mohamed Bintaliah, University of Sharjah, College of Business Administration, DBA Program. Title: Performance measurement of airlines using semi-parametric data envelopment analysis models.
06/05/2024	Amina BERAHHOU, Mohammed V University in Rabat, Rabat, Morocco. Title: Dynamic vehicle touring problem with simultaneous delivery and pickup with overtime and inventory restriction (DVRPSDP-OT-IR).
25/04/2022	Alia Al Sadawi, American University of Sharjah, Sharjah, United Arab Emirates. Title: Unified blockchain platform for carbon emission trading: a comprehensive smart contracts system integrated with the Internet of Things technology.
13/11/2020	Tariq Al Hawi, University of Sharjah, Sharjah, United Arab Emirates. Title: Development of a Comprehensive Innovation Management Model for Government Services.
13/07/2020	Ola Khalid Alzawati, University of Sharjah, Sharjah, United Arab Emirates. Title: The UAE's Government Excellence Model: An Empirical Study on Model Attributes and Implementation Success Factors.

MSc theses

2026-present	Supervisor, Mohammad Abdullah Matar, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Success Factors for Using Digital Tools for Integrating Solar Energy Supply Chains: Application in the UAE.
2026-present	Supervisor, Khalid Al Shamsi, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Barriers and Drivers of Sustainable Innovation Adoption in Container Shipping: An Integrated ISM-Fuzzy MICMAC Approach.
2026-present	Supervisor, Gayah Marwan Al Zarooni, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Framework of Multi-Criteria Decision Analysis (MCDA) and Specific Operation Risk Assessment (SORA) for LiDAR Unmanned Aerial Vehicle (UAV) Selection for Topographic Survey Operation: Case Study in Dubai Public Coastal Zone.
2026-present	Supervisor, Salah Alhammadi, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: A Data-Driven Framework for Pipeline Predictive Maintenance Optimization in Water Utility.
2026-present	Supervisor, Fatima Bin Ofai, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: A Decision-Support Framework for Infrastructure Risk Management in Sharjah Nurseries.
2026-present	Supervisor, Kaltham Hassan Alzarooni, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Enhancing Supply-Chain Resilience Through Risk-Based Spare-Parts Management in Street-Lighting Operations.
2024-present	Main supervisor, Jawaher Ali Aldhuhoori, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Decision-Making Framework for Tender Evaluation and Subcontractor Selection in Construction Projects: Integrating Risk, and Environmental Factors.
2025-2026	Co-supervisor, Shaima Mohamed Abdelrahman Al Ali, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Predicting Ridership Demand of Dubai Tram.

2025 - 2026	Supervisor, Fatema Khalfan Alkindi, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Blockchain and Smart Contracts in Construction Supply Chain Management: Adoption and Challenges in the UAE Oil and Gas Sector.
2024-2025	Co-supervisor, Peter Ezzat Raouf Youssef, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: BIM-Based Assessment of Sustainability: A Comparative Study of Construction Models for Residential Villas in UAE.
2024-2025	Main supervisor, Othman Ahmad Abdalbaqi AlBezaz, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Analysing the Impact of Urban Development on Economic Growth in the Case of Dubai.
2024-2024	Co-supervisor, Sara Abdulla Alblooshi, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Analysing Metro Ridership in Dubai: Factor Analysis and Demand Prediction.
2023-2024	Main supervisor, Aisha Alhammadi, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: the impact of foresight tools on the performance and sustainability and resilience of supply chains in the retail industry: a structural equation modelling approach.
2023-2024	Co-supervisor, Maitha Jamal Al Shamsi, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Sustainable Component and Supplier Selection: Application on Data Center Design.
2022-2023	Co-supervisor, Saleh Albaiti, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Optimized job rotation scheduling model for manufacturing firms considering worker skills and the Physical Agent-Vibration.
2019	Main supervisor, Anwar Hamdan, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Managing Unmanned Air Traffic in Cities with High-rise Buildings: An Operational Concept, Drone Routing and Drone Traffic Balancing in the Context of UAE.
2016 – 2019	Main supervisor, Kamilia Aokal, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Analysis of the macro-scale manufacturing of turbostratic graphene-coated aluminum substrates for solar thermal applications.
2015 – 2019	Supervisor, Walaa Ishnaineh, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: A Newsvendor-Based Pricing Model For Liner Shipping With Vessel Speed Optimization.
2014 – 2016	Main supervisor, Hamed Allaham, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Electrical Energy Management using Grid Connected Photovoltaic Optimized System: Application to a Data Centre in UAE.
2014 – 2015	Supervisor, Sadeque Hamdan, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates. Title: Green Supplier Selection and Order Allocation Using Multi-Criteria Decision Making (MCDM) and Optimization.
2010	Supervisor, Thesis of Karim Mehidi, specialized Master in maritime transportation, Euromed Management, Marseilles, France.

Other supervision duties

2015 – 2024	Supervisor/Co-supervisor, 16 MSc projects, MSc in engineering management, University of Sharjah, Sharjah, United Arab Emirates.

2011 – 2017 Supervisor of more than twenty graduation projects, Bachelor of Industrial Engineering and Engineering Management, University of Sharjah, Sharjah, United Arab Emirates.

2009 – 2011 Supervisor, four MSc theses, MSc in maritime management, Euromed Management, Marseilles, France.

2009 – 2011 Supervisor, nine graduation projects, Master is in management, Euromed Management, Marseilles, France.

2004 – 2006 Supervisor, two MSc theses, MSC in industrial engineering, Industrial Engineering Lab, Ecole Centrale Paris, France.

2004 – 2006 Supervisor, six graduation projects in industry, industrial engineering (PSA Peugeot Citroën, Booz Allen Hamilton, Bain & Company, Carrefour, Total, Danone), Ecole Centrale Paris, France.

2004 – 2006 Tutor, group of 12 students, Ecole Centrale Paris, France.

CONSULTANCY PROJECTS

Oct. 2010 – Aug. 2011 Standardization of Procurement Activities workgroup, AFNOR (French Standardization Organization), France.

Apr. 2010 – Aug. 2011 Sustainable Purchasing in the Network Environment, research chair project with the participation of L'Occitane company, SNCF (French National Railway Company), Sodexo, Extramuros, Max Havelaar and WWF, Euromed Management, France.

AWARDS, PROFESSIONAL SERVICES

2026 **Invited keynote speaker**, Shifts in the Global Economic Landscape: Importance of Economic Implications of Arctic Shipping Routes. International Conference on Shaping a New Future Through Arctic Shipping Routes: Global Cooperation and National Strategies, Korean Legislation Research Institute (KLRI), October 8, 2026, Seoul, South Korea.

2024 **Invited keynote speaker**, Tradeoffs in Green Logistics: Insights Learned from Quantitative Models for Transportation Systems. The 7th edition of the International Conference on Logistics Operations Management, GOL'24, May 02-04, 2024, Marrakesh, Morocco.

2024 Scientific committee member, the 7th International Conference on Logistics Operations Management, Marrakech, Morocco, May 2-4, 2024.

2022 Scientific committee member, the 6th International Conference on Logistics Operations Management, Strasbourg, France, June 29-July 1, 2022.

2021 Member of the local organizing committee, 14th International Conference on Developments in eSystems Engineering (DeSE), IEEE, Sharjah, UAE, December 07-10, 2021.

2020 Outstanding Achievement Award, The 10th Annual International Conference on Industrial Engineering and Operations Management, IEOM Society International, Dubai, United Arab Emirates, March 10-12, 2020.

2020 Member of the organizing committee, International Conference on Industrial Engineering and Operations Management, Dubai, UAE, March 10-12, 2020.

2019 Best Track Paper Award, 2019 IEOM Bangkok Conference, March 05-07, 2019.

2018 Scientific committee member and session chair, the 4th International Conference on Logistics Operations Management, Le Havre, France, April 10-12, 2018.

2017 Best Track Paper Award, 2017 IEOM UK Symposium, Bristol, UK, July 24-25, 2017.

2017 Session chair and technical program committee member of the Seventh International Conference on Modeling, Simulation and Applied Optimization (ICMSAO'17), Sharjah, United Arab Emirates, April 4–6, 2017.

2015 Session chair in the 7th IFEE2015 and 3rd TSDIC2015 joint conferences, Sharjah, United Arab Emirates, March 17-19, 2015.

2010 Best paper, proceedings of the 6th International Symposium on Management, Engineering and Informatics (MEI 2010), Orlando, Florida, USA, June 29- July 2, 2010.

2010 Session chair in the 6th International Symposium on Management, Engineering and Informatics (MEI 2010), Orlando, Florida, USA, June 29-July 2, 2010.

FACULTY DEVELOPMENT PROGRAMS

- Certificate in Educational Leadership, Institute of Leadership in Higher Education, University of Sharjah, 2016.
- Blackboard learning system, Banner Student Information System, Information Technology Center, University of Sharjah, United Arab Emirates, 2011.
- Learn how to teach: teaching communication skills, Center of Initiation into the higher education of Versailles, France, 2006
- Production and dissemination of information on the Internet, Center of Initiation into the Higher Education of Versailles, France, 2006
- Visual Basic for Application, Center of Initiation into the Higher Education of Versailles, France, 2006
- Teach with ease thanks to the theater, Center of Initiation into the Higher Education of Versailles, France, 2005
- Education evaluation, Center of Initiation into the Higher Education of Versailles, France, 2005
- Argue, discuss, convince, and refute, Center of Initiation into the Higher Education of Versailles, France, 2004
- An approach to teaching and didactic of university education, Center of Initiation into the higher education of Versailles, France, 2004

PROFESSIONAL MEMBERSHIPS

2017 – present	Advisory board member, Cambridge Scholars Publishing, United Kingdom.
2017 – present	Member, Shipping and Trade Alliance for Research (STAR), Shipping Research Centre The Hong Kong Polytechnic University, Hong Kong.
2010 – present	Member of the International Institute of Informatics and Systemics (IIIS), Venezuela and USA.
2006 – present	Member of the International Society of Inventory Research (ISIR), Hungary.
2005 – present	Member of the order of engineers and architects in Beirut, Lebanon.
2004 – 2005	Member of the astronomy sector of the association “Planète Science”, France.

LANGUAGES

- French - Arabic: bilingual.
- English: fluent.
- Spanish: written and read.

COMPUTER SKILLS

- Programming languages: MATLAB, Python, Mathematica (some concepts of VBA, HTML, Turbo Pascal).
- Office software: Latex, Microsoft Office.
- Optimisation and decision-making: IBM CPLEX, Excel Solver, Lindo/Lingo, XPRESS-MP, TORA.
- Stochastic system simulation: ARENA.
- Graphics: concepts of AutoCAD.

RESEARCH

Research grants/Funded research projects

2026-	Co-investigator of a targeted research project, University of Sharjah, United Arab Emirates (120 000 AED): Development of a Decision Support System for Sustainable Aluminum Supply Chain Design.
2025-	Co-investigator of different research projects related to accident investigation and risk management for Arctic navigation, with EM Normandie (Olivier Faury), Kedge Business School (Laurent Fedi), and LabISEN (Laurent Etienne), France. Collaboration with the Protection of the Arctic Marine Environment (**PAME**) Working Group of the Arctic Council. Endorsed by the **French Ministry of Foreign Affairs**.

2024-2026 Co-investigator of a targeted research project, University of Sharjah, United Arab Emirates (172 000 AED): Towards Sustainable Closed-loop Supply Chain Design developed in collaboration with **Emirates Global Aluminium (EGA)**.

2024-2026 **Principal investigator** of a competitive research project, University of Sharjah, United Arab Emirates (102 000 AED): Sustainable supplier and transportation network design: modelling and optimization of the economic, social, and environmental aspects.

2023-2025 **Principal investigator** of a competitive research project, University of Sharjah, United Arab Emirates (111 000 AED): Unmanned Aerial Traffic planning and optimization in large-scale applications.

2023-2025 **Principal investigator** of a competitive research project, University of Sharjah, United Arab Emirates (102 000 AED): Safe Civilian UAV Flight Missions: Development of a risk management tool.

2022-2024 Co-investigator of a competitive research project, University of Sharjah, United Arab Emirates (88 000 AED): Developing Sustainable Remanufactured Products Considering Consumers' Sustainability Preferences.

2022-2024 Co-investigator of a competitive research project, University of Sharjah, United Arab Emirates (72 000 AED): Study Taxi Demand Factors and Trips Characteristics Using Big Data and Statistical Analysis.

2022 – 2024 Co-investigator of a competitive research project, University of Sharjah, United Arab Emirates (67 000 AED): Taxi fleet operations management: demand-based taxi fleet capacity allocation.

2021 – 2023 Co-investigator of a competitive research project, University of Sharjah, United Arab Emirates (68 000 AED): The use of big data analysis in predicting taxi demand.

2021 – 2023 Co-investigator of a competitive research project, University of Sharjah, United Arab Emirates (70 000 AED): A New Two-Stage Approach for Modeling and Analyzing a Complex Taxi Network.

2021 – 2024 Co-investigator of a collaborative research project, University of Sharjah and **Dubai Taxi Corporation – Roads & Transport Authority Dubai**, United Arab Emirates (300 000 AED): Using a driving simulator to quantify and monitor the impact of various distraction behaviors on safe driving performance.

2019 – 2022 **Principal investigator** of a collaborative research project, University of Sharjah and **Department of Civil Aviation**, Sharjah (400 000 AED): A Decision Support System (DSS) for Integrated Sustainable Airport Ground Operations Management.

2018 – 2020 Three collaborative research projects with **Linköping University and LFV**, Sweden (total funding for the Swedish partners: 6 330 028 SEK):

- Visualization and traffic management of unmanned air traffic
- Operator tracking and load balancing for ATC operators with advanced AI
- Stochastic models for optimal air traffic flow management

2018 – 2020 **Principal investigator** of a funded research project, University of Sharjah (96 000 AED): Sustainable supply chain operations management: integrated supplier selection, procurement, production, maintenance and distribution models.

2012 – 2014 Seed research grant, University of Sharjah (12500 AED): Containership Speed and Fleet Size Optimization.

2010 – 2011 Co-investigator, Research Chair (with 3 other professors), Euromed Management (270 000 EUR), Sustainable Sourcing in the Network Environment. Project funded by different French/Multinational companies and organizations including (WWF, Max Havelaar, and Extra-Muros).

2004 – 2007 French Ministry of Higher Education grant for doctoral studies, Ecole Centrale Paris (63 000 EUR)

Refereeing activities

- **Journal reviewer for**: Supply Chain Forum: An International Journal; Annals of Operations Research; International Journal of Industrial Engineering and Operations Management; International Journal of Production Research; European Journal of Operational Research; International Journal of Systems Science; International Journal of Production Economics; Computers & Industrial

Engineering; Computers & Operations Research; International Journal of Advanced Operations Management; Asia-Pacific Journal of Operational Research (APJOR); Production Planning and Control; Transport Policy; Transportation Research Part E; …

- **Book reviewer for**: Palgrave Macmillan, Basingstoke, United Kingdom; Elsevier, the Netherlands.
- **Conferences refereeing:** DASA'2026, Bangkok, Thailand, 2026; GOL'26, Fez, Morocco, 2026; DASA'2025, Manama, Bahrain; Marrakech, Morocco, 2024; GOL, Marrakech, Morocco, 2024; ICSRS 2023, Bologna, Italy, 2023; FCTA, Rome, Italy, 2023; GOL, Strasbourg, France, 2022; DeSE, Sharjah, UAE, 2021; MEI, USA, 2016; IAME, France, 2013 ; ICMSAO'13, Tunisia, 2013; MEI, USA, 2013; MEI, USA, 2012 ; IAME, Taiwan, 2012 ; MEI, USA, 2011 ; MMMse, USA, 2011; CIE39, France, 2009 ; ICED, France, 2007; GDR MACS STP, France, 2006; CRIEC, France, 2006.

Editorial activities

- **Associate Editor**: **Supply Chain Forum: An International Journal**, Taylor and Francis, United Kingdom, since June 2024.
- **Section Editor** – Maritime, Aviation, and Intermodal Logistics: **International Journal of Intelligent Optimization and Logistics (IJIOL)**, since June 2026.
- **Guest co-editor:** Special Issue: Innovations for shipping in the context of new environmental policies, **Marine Policy**, Elsevier, Netherlands, 2023-2024.
- **Guest co-editor:** Special Issue: Design, management, sustainability, and evaluation of transportation systems in the Arctic, **Transportation Research Part A**: Policy and Practice, Elsevier, Netherlands, 2022-2023.
- **Review Editor: Frontiers in Future Transportation**, Freight Transport and Logistics Section, Frontiers, Switzerland, Since March 2022.
- **Editor:** Decision Science Advisory Board, Cambridge Scholars Publishing, UK, 2017-2020.
- **Conferences scientific/technical committees:** ICSRS 2026, Rome, Italy, 2026; GOL'26, Fez, Morocco, 2026; DASA'2025, Manama, Bahrain; SEMIT 2025, Dubai, UAE, 2025; ICSRS 2024, Sicily, Italy, 2024; ROADEM 2024, Marrakech, Morocco, 2024; GOL, Marrakech, Morocco, 2024; ICSRS 2023, Bologna, Italy, 2023; FCTA, Rome, Italy, 2023; GOL, Strasbourg, France, 2022; DeSE, Sharjah, UAE, 2021; GOL, Rabat, Morocco, 2020; IEOM, Dubai, UAE, 2020; ICMSAO, Manama, Bahrain, 2019; GOL, Le Havre, France, 2018.
- **Conference special session organizer:** CIE 50, AUS, Sharjah, UAE, 2023; GOL, Le Havre, France, 2018.

TV Interviews

1. Sharjah TV, United Arab Emirates, 3 October 2020, Research Collaboration between the UAE and Sweden on Drones Operations Management: https://www.youtube.com/watch?v=eBjvWzRooco
2. Sharjah TV, United Arab Emirates, 14 March 2021, Programs in Industrial Engineering and Engineering Management at the University of Sharjah: https://www.youtube.com/watch?v=FrT-Gd9QVsk
3. Sharjah TV, United Arab Emirates, 7 Dec. 2021, Report and interview about the IEEE DeSE Conference organized by the University of Sharjah: https://www.youtube.com/watch?v=qmDxKPCcJh0&t=25s

Articles published in refereed journals

1. Ridvan Aydin, Saleh AlBaiti, Ali Cheaitou, Zehra Canan Araci, Salah Haridy, Mohammad Shamsuzzaman and Imad Alsyouf (2026). Sustainability-Driven Quantitative Models in Closed-loop Supply Chains with Remanufacturing: A Systematic Review. Forthcoming in **Journal of Remanufacturing**.
2. Peter Youssef, Malek Masmoudi, Ali Cheaitou and Osama A. Hassan (2026). Embedding Sustainability Intelligence in BIM: Automating ESTIDAMA Materials Evaluation for UAE Residential Projects. Forthcoming in **Facilities**.
3. Imad Alsyouf, Fakhariya Ibrahim, Khaled Obaideen, Ali Cheaitou, Amir Shikhli, Meera Almaazmi, Alaa Mohamed Abdelrahman, Ahmad Alzghoul, Salah Haridy and Hamid A. Alhaj (2026). A Data-

Driven Framework for Urban Transportation Safety Using Data Mining and Machine Learning. Forthcoming in **International Journal of System Assurance Engineering and Management**.

4. Ali Cheaitou, Anwar Hamdan, Fakhariya Ibrahim, Sadeque Hamdan, Jonas Lundberg, Imad Alsyouf, Magnus Bång, Karljohan Lundin Palmerius, Amir Shikhli, Billy Josefsson, Zain El Abideen Tahboub, Erik Junholm and Jimmy Johansson Westberg (2026). Optimizing and visualizing dynamic service performance for airspace users to enable safe and efficient Urban Air Mobility in Dubai. Forthcoming in **Annals of Operations Research**, DOI: https://doi.org/10.1007/s10479-025-06983-0.
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HOBBIES

Photography, astrophysics.