



Dr. Wael R. Abdulmajeed Statement:

Awarded Ph.D. in mechanical engineering in (Applied Mechanics). About 25 years in engineering education included 4 years as a head of the Mechatronics engineering department at the University of Baghdad. Publishing 17 scientific papers & 7 books, reviewing more than 102 papers in conferences & journals included Sustainable Development Goals Reports (SDGR) 2019 & 2023. Member of the editorial board for several engineering journals.

Elected as Iraqi Engineers (IEU) Union council member for three sessions 2015-2018, 2018 - 2022 & 2022-2025. Chair of Cultural activities committee of IEU since 2015.

Establisher & Chair of the American Society of Engineering Education (ASEE) Baghdad branch since 2017. ABET Program Evaluator (PEV) Engineering Accreditation Commission (EAC) 2022. Awarded many letters of thanks & appreciation from national & international engineering organizations such as IEU, Federation of Arab engineers FAE, Egyptian Engineers Syndicate, Bahrain Society of Engineers, CAST, FEIAP & WFEO. FEIAP Engineer of the Year 2022 Award, but the most valuable is the appreciation medal from WFEO GA in 2018.

Reactivation of joining WFEO in 2015 after 25 years discontinuity with Iraqi Engineers Union.

Preparation and presentation of Iraqi Engineers union file to join the Federation of engineering institutions for Asia And Pacific FEIAP, Iraqi Engineers union joined successfully FEIAP as a full member in 2018.

Preparation and signing a memorandum of understanding on behalf of IEU with MySET, IEM, CAST & GIZ.

The goals of my nomination to executive council are:

- Encourage the WFEO members to get engineering education accreditation.
- Foster the role of women in engineering.
- Assist growing globalization of mutual recognition of engineering qualifications to support the mobility of professional engineers in the world.
- Encourage the application of engineering and technological advancement to economic and social progress throughout the world.
- Support of international cooperation to solve the challenges that the world witnessed especially in engineering sector.
- Encouraging to enrich the Arabic language content in the WFEO reports, webinars & courses.

CURRICULUM VITAE

PERSONAL DETAILS



Name: Dr. Wael R. Abdulmajeed
D.O.B.: 24th Oct. 1971
Marital Status : Married No of Sons: 3
Town/City: Baghdad Country: Iraq
Languages: Arabic (Mother Tongue), English
Mobile No: + 9647705826658
Email: dr.wael.abdulmajeed@ieee.org , drwael@ieu-iq.org
Web addresses: <http://www.linkedin.com/in/drwaelr/>
https://www.researchgate.net/profile/Wael_Abdulmajeed2
<https://scholar.google.com/citations?user=Wk1jTykAAAAJ&hl=en>
<http://orcid.org/0000-0002-6540-3156>

EDUCATION/QUALIFICATIONS

- 1- PhD Mechanical Engineering, Engineering College, University of Baghdad, Baghdad- Iraq 2009.
- 2- MSc. Mechanical Engineering, Mechanical Engineering Department University of Technology, Baghdad- Iraq 1997.
- 3- BSc. Mechanical Engineering, Engineering College, Al-Nahrain University, Baghdad- Iraq 1993

CURRENT/MOST RECENT EMPLOYER

- 1-Mechatronics Engineering Department, Al-Khwarizmi Engineering College, University of Baghdad
 - A- Instructor from Oct. 2015 Until now
 - B- Postgraduate studies coordinator from 2014-2015
 - C- Head of The Mechatronics Engineering Department from 2010-2014
 - D- Instructor from 2002-2010
- 2- Foreign Instructor, Industrial Management Department, College of Economics and Management, University of Baghdad, from 2007-2008
- 3- Foreign Instructor, Mechanical Engineering Department, University of Technology, Lecturer from 2000 - 2001.
- 4- Instructor, Mechanical Engineering Department, Higher Centre for a Comprehensive Vocations, Terhona , Libya from 1997-2000

UNDERGRADUATE TEACHING SUBJECTS:

· Mechanical Design, Engineering drawing , Dynamics, Theory of Machines, **Factories & Workshops**, Manufacturing Processes, Programming, AutoCAD & Mechanical Desktop , Mechanical Drawing, Mathematics II, CAM, MEMS, PC-Interface & PLC, Mechatronics systems Modeling & Design, Mechatronics systems Design, System Modeling & Simulation

POSTGRADUATE TEACHING SUBJECTS:

· MEMS Design, Advanced Structural Dynamics

PUBLICATIONS

- ✓ 15 Scientific papers published in international scientific Journals
 - ✓ 7 Books in engineering concepts published in international publishers
 - ✓ 5 Conference papers introduced in Libya, Iraq, Egypt, Bahrain & China.
- https://www.researchgate.net/profile/Wael_Abdulmajeed2/publications

SCIENTIFIC ACTIVATES

- Member in preparation committee of *The Arabic Course of Engineering Judgment*. Federation of Arab Engineers , Baghdad, Iraq 2015
- Member in scientific committee of *The scientific conference of sustainable and renewable energy*. Baghdad Province Council, Baghdad 2015
- Member in preparation committee of *The international scientific conference of physics and engineering* 2013
- Chief in Editor of Mechatronics Department *Journal for student graduate projects* 2011-2013
- Lecturer in Continuing Education unit in Alkwarizmi Eng. Coll. 2010-2015
- Head of scientific committee of Mechatronics Engineering department 2011-2014
- Head of Mechatronics Engineering department 2010-2014
- Postgraduate Student Coordinator of Mechatronics Engineering department 2014-2015
- Editorial Board member in *Alkwarizmi Engineering Journal* , University of Baghdad 2010-2013.
- Lecturer in *continuing education unite* in Alkwarizmi Engineering College
- Supervising of 9 M.Sc student thesis.
- Member of discussion committee of 4 MSc student thesis
- Joining Fulbright Scholar Exchange Program University of Arkansas , Little Rock, 2013
- Assessment of 103 papers submitted to scientific journals
- Member of scientific committee in 4 Symposiums, 8 MSc. Students seminars and 5 workshops
- Attend more than 25 scientific conferences
- Supervised meetings of the Ministry of the Sciences and Technology and the Physics department in the Siences College with the Mechatronics department
- Participating in the assessment the curriculum of the several engineering colleges in Iraq
- Participating in 72 online courses organized by international universities, organizations, institutions and UN

REVIEWER AT SCIENTIFIC JOURNALS & CONFERENCES

- Journal of Electrical Engineering & Technology
- 2016 International Conference on Change Innovation Informatics and Disruptive Technology
- 2nd-Al-Sadiq International conference on Multidisciplinary in IT and Communication Science and Technologies
- American Journal of Engineering and Applied Sciences
- 2021 ASEE Annual Conference & Exposition
- 2020 ASEE Annual Conference & Exposition
- 2019 ASEE Annual Conference & Exposition
- 2018 ASEE Annual Conference & Exposition
- 2017 IEEE First International Conference on Recent Trends of Engineering Science and Sustainability
- 2017 IEEE International Conference on Robotics and Automation (ICRA)
- 2017 ASEE Annual Conference & Exposition
- International Journal of Technology (IJTech)
- 2017 IEEE/RSJ International Conference on Intelligent Robots and Systems
- IEEE Sensors Letters
- International Journal of Humanitarian Technology
- 2016 IEEE/ASME International Conference on Advanced Intelligent Mechatronics
- College of Engineering Journal (NUCEJ)
- Journal of Engineering Sciences.
- Engineering and Technology Journal
- International Journal of Engineering Research & Technology (IJERT)
- Al-Khwarizmi Engineering Journal
- Diyala Journal of Engineering Sciences
- Engineering Transactions
- Independent Journal of Management & Production (IJM&P)

MEMBER OF EDITORIAL BOARD IN THE SCIENTIFIC JOURNALS

- ✓ Asian Journal of Scientific Research
- ✓ Singapore Journal of Scientific Research
- ✓ Asian Journal of Industrial Engineering
- ✓ Trends in Applied Sciences Research
- ✓ Asian Journal of Materials Science
- ✓ Independent Journal of Management & Production (IJM&P)

MEMBERSHIPS

- ✓ Iraqi Engineers Union IEU , (Consultant) 1993
- ✓ American Society for Mechanical Engineers ASME (Member) 1996
- ✓ Institute of Electrical and Electronics engineers IEEE (Senior Member) 2011
- ✓ American Society for Engineering Education ASEE (Chair, ASEE Baghdad Branch) 2015
- ✓ Federation of Arab Engineers FAE (Consultant) 2016
- ✓ Arab Commission for Engineering Arbitration (Engineering arbitrator) 2017
- ✓ World Federation of Engineering Organizations, Committee on Engineering for Innovative Technologies WFEO-CEIT (International member) 2017
- ✓ World Academy of Engineering and Technology (AETDEW) , FELLOW 2019.
- ✓ Institute of Engineers Malaysia, (Incorporated Member) 2019.
- ✓ American Association for the Advancement of Science AAAS, (Member) 2019.
- ✓ Fulbright Association (Member), 2020.
- ✓ Member of Communication and Informatics Technology Committee, Federation of Arab Engineers FAE, Bahrain, 2020.

PROFESSIONAL POSITIONS

- Executive Board Member, Federation of engineering institutions for Asia And Pacific (FEIAP), 2022.
- ABET Program Evaluator (PEV) Engineering Accreditation Commission (EAC) 2022.
- Executive Council Member, World Federation of Engineering Organizations (WFEO) 2022.
- Member of Union Council at Iraqi Engineers Union session 28 , 2022 - 2025
- Member of Union Council at Iraqi Engineers Union session 27 , 2018 - 2022
- Chair, Cultural activities committee at Iraqi Engineers Union session 27, 2018 - 2021
- Chair, American Society for Engineering Education (ASEE) Baghdad Branch since 2017
- International Member, World Federation of Engineering Organizations- Standing Committee on Engineering for Innovative Technologies at (WFEO-CEIT) since 2017
- Member of Union Council at Iraqi Engineers Union session 26 , 2015 to 2018
- Chair, Cultural activities committee at Iraqi Engineers Union session 26 , 2015-2018.
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PROFFICIENAL ACTIVITIES

Chair of cultural activities committee in Iraqi Engineers Union activities from 2015 till now

1. Organizing and administrating 156 (courses, lectures, workshops & seminars) held inside and outside the union with the participation and attendance of more than 8200 engineers
2. Contacting training companies and trainers to make the agreement about training programs.
3. Preparation of events advertisements and applications registration form for training courses and lectures
4. Administration of cultural activities committee Facebook page with more than 58000 engineers fan
5. Publishing the certificates for engineers participation and events attendance

Member council in Iraqi Engineers Union activities from 2015 till now

- 1- Preparation the regulation of registration and accreditation of private engineering colleges & universities in the Iraq engineers union (ratified in 2016).
- 2- Participation in Iraqi engineer's law modification committee.
- 3- Preparation and signing a memorandum of understanding between Iraqi engineers union and Malaysian society for engineering and technology MySET, MOU signed in April 2018.
- 4- Preparation and signing a memorandum of understanding between Iraqi engineers union and Institute of Engineers, Malaysia IEM, MOU signed in July 2018.
- 5- Preparation and presentation of Iraqi Engineers union file to join the Federation of engineering institutions for Asia And Pacific FEIAP, Iraqi Engineers union joined successfully FEIAP as a full member in July 2018.
- 6- Preparation and signing a memorandum of understanding between Iraqi Engineers Union and the China Association for Science and Technology (CAST), MOU signed in Oct. 2018.
- 7- Preparation of suggestion for accrediting Arabic & English Abbreviations for engineering rank, ratified in July 2018.
- 8- Chair of e-government contract follow-up committee since November 2017.
- 9- Training manager of IEU Authorized Training center (ATC) Autodesk, Feb. 2021

THANKS, AND APPRECIATION LETTERS

- ✓ 20 Thanks and appreciation letters from the dean of the Alkawarizmi Eng. College, University of Baghdad.
- ✓ Thanks and appreciation letter from the dean of Management and Economics College, University of Baghdad
- ✓ 9 Thanks and appreciation letters from President of the University of Baghdad
- ✓ 2 Thanks and appreciation letters from Vice President for scientific affairs of the University of Baghdad
- ✓ Thanks and appreciation letter from the Iraqi Republic Presidency 2015
- ✓ Thanks and appreciation letter from the dean of the Engineering College, Al- Nahrain University .
- ✓ Thanks and appreciation letter from the dean of the Engineering College, University of Baghdad
- ✓ 5 Thanks and appreciation letter from the President of Iraqi Engineers Union
- ✓ Thanks and appreciation letter from Bahrain Society of Engineers 2016
- ✓ Thanks and appreciation letter from Egyptian Engineers Syndicate 2016
- ✓ Thanks letter from Carlos III International School- Spain. 2018
- ✓ Certification of Appreciation from CAST, FEIAP & WFEO 2018
- ✓ 3 Thanks and appreciation letters from Federation of Arab Engineers.
- ✓ Thanks and appreciation letter from the dean of Kut University College 2019
- ✓ Thanks letter from American Society for Engineering Education ASCE executive director 2019



Credential certifications

- E-learning course on Management of Vocational Training Centers, ITCILO, Italy, Credential ID 27649836 Dec. 2020
- Occupational Safety and Health Professional, OSHACADEMY, USA, Credential ID 489335 Dec. 2019
- Program Evaluator Candidate Training, ABET, USA June 2021
- ABET Program Evaluator (PEV) Engineering Accreditation Commission (EAC) 2022
- Training Director for IEU Authorized Training Provider (OSHAcademy)
- Training Manager for IEU Authorized Training Center (AUTODESK)

Awards

- Fulbright Visiting Scholar Program, Arkansas, USA, 2013.
- Appreciation Medal, World federation of Engineering Organization WFEO General Assembly, London, England, 2018.
- Engineer of the Year 2022, Federation of Engineering Institutions of Asia and the Pacific (FEIAP) Cebu, Philippines 2022.



جمعية المهندسين الكويتية KUWAIT SOCIETY OF ENGINEERS



NOMINATION FOR THE POSITION OF NATIONAL MEMBER (MIDDLE- EAST/ NORTH AFRICA)

WORLD FEDERATION OF ENGINEERING ORGANIZATIONS

Mission Statement

As a strong believer and proponent of the principles for action to activate WFE0 Strategic Plan through the WFE0 Engineering 2030 Plan to advance the achievement of the United Nations Sustainable Development Goals through engineering, I stand to be nominated as a National member in WFE0 covering the Middle East Region.

In the last several years, I as the current President of KSE have worked tirelessly to advance the UN Millennium Development Goals focusing on four of eight WFE0 target goals and key themes through the WFE0 Young Engineers Future Leaders Committee, which was hosted by Kuwait for several years, following are the key themes:

- Quality education and capacity building for engineers and youths around the world, Gender equality and women empowerment
- Industry, Innovation, and Infrastructure development
- Partnerships for the achievement of the 17 SDGs

Some demonstrable remarks of my commitment to the WFE0 ideals, strategic plan and UN SDGs are:

- I. Successfully printed and participated in the launch of the Booklet on 2018 Young Engineers Competition on the theme of "celebrating the Achievement of YE in Advancing the UN Sustainable Development Goals"



جمعية المهندسين الكويتية KUWAIT SOCIETY OF ENGINEERS

- II. Supported WFEO YEFL Committee in Organizing the Global Stakeholders Engagement for Youth Integration in industry campaign held in the Middle East (Kuwait 2015), Asia (Japan 2015), South America (Peru 2016), Europe (Rome 2017).

The areas I plan to work and support WFEO while in the position of National Member are fully aligned with WFEO's Principles for Action:

- To Promote WFEO Congress and Exhibition plans and Develop strong relationships with government and policy makers to facilitate platforms for sharing WFEO's wealth of experience and innovation from her network of circa 100 nations and 30 million engineers.
- Enhance the image of the WFEO within the Arab World with the goal of attracting maximum membership and participation.
- Establish international projects to advance sustainable development goals for engineers and engineering profession around the world by involving in different new techniques which is used in these times.
- liaise with governments and engineering unions in the Gulf region on enhancement of engineering education.

I am also open to new ideas that may be shared in discussions with WFEO Executive Council, Senior members and affiliate organizations.

Eng. Faisal Al Ajmi

Nominee for National Member Position

President KSE



ENG. FAISAL AL AJMI

Nationality: Kuwaiti

Mob: 00965- 6696696

Email: Faisal@ksechairman.com

CAREER PROFILE & HIGHLIGHTS

Public Profile / Positions

- *Chairman of the Kuwait Society of Engineers (2017- Present)*
- *President of Federation of Arab Engineers (2019- 2021)*
- *MEED International Award Judge – Dubai (2017- 2018)*
- *Chairman of the Eighteenth Gulf Engineering Forum (2016)*
- *General Secretary of Board of Directors of the Kuwait Society of Engineers (2013- 2015)*
- *General Manager of the Kuwaiti Society of Engineers (2011- 2013)*
- *Faculty member with the Public Authority of Applied Education and Training (2010- 2012)*
- *Director of the Training Center - Kuwait Society of Engineers (2009- 2011)*
- *Construction project engineer with the ministry of electricity & Water, Kuwait for Transmission Substations (2009- 2010)*
- *Protection Engineer with Ministry of Electricity & Water, Kuwait for Transmission Substations (2007- 2009)*
- *Transformer Engineer with Ministry of Electricity & Water Kuwait (2006- 2007)*
- *Contracts Engineer with Ministry of Electricity & Water, Kuwait (2005- 2006)*
- *Switchgear Engineer with Ministry of Electricity & Water Kuwait (2003- 2005)*
- *Project Engineer - Ministry of Electricity and Water - Transmission Networks Sector (2003- 2010)*

Professional Affiliation/ Professional Engagements

- *Renewable Energy consultant*
- *Training faculty member- The Public Authority for Applied Education and training*
- *Certified Master Trainer TDA-USA*
- *Judge at Kuwait Chamber of Mediation and International Arbitration.*
- *Member of the Supreme Energy Committee in Kuwait*
- *Member of the Advisory Board of the Electrical Engineering Department - Kuwait University*
- *Member of the Permanent National Steering Committee for the Implementation of the 2030 Agenda for Sustainable Development Goals in the General Secretariat of the Supreme Council for planning and development.*
- *Member of the Structural Plan Committee - Kuwait Municipality.*
- *Member of the World Federation of Engineering Organizations WFEO*

- *Honorary Membership of the Indian Engineers Association*
- *Consulting member of the Occupational Health and Safety Organization (ASSE).*
- *Member of the Supreme Council of the Union of Arab Engineers.*
- *Member of the Supreme Council of the Gulf Engineering Federation*
- *Member of the Arab Authority for the Qualification and Accreditation of Engineers (2019-2021)*
- *Observing member of the Council of Ministers of Housing - League of Arab States*
- *Member of the Higher Committee of the HSE Global Conference (2017)*
- *Participated in the meetings of the Supreme Council of the Federation of Arab Engineers (2017-2022)*
- *Participated in the meetings of the Supreme Council of the Gulf Engineering Federation from (2009-2022)*
- *Member of the Energy Committee in World Federation of Engineering Organizations WFEO – (2017)*
- *Attended WFEO Executive Council & UNESCO meetings in Paris – (October 2022)*
- *Participated virtually WFEO General Assembly (March 2022)*
- *Participated for WFEO meetings in Global Engineering Congress in United Kingdom – (October 2018)*
- *Participated for WFEO meetings (Energy & Young Engineers Committee) along with General Assembly at the International Engineering Forum in Rome – (November 2017)*
- *Participated for WFEO meetings (Disaster Risk Management & Young Engineers Committee) along with General Assembly at the World Engineers Convention in Geneva- (September 2011)*
- *Participated for WFEO meetings (Disaster Risk Management Committee) along with General Assembly at the Alternative energy in Kuwait – (November 2009)*

Highlighted Achievements

- *Successfully hosted and sponsored workshop and meeting for Women in Engineering in the Arab Federation in Kuwait (Feb 2020)*
- *Successfully printed and participated in the launch of the Booklet on 2018 Young Engineers Competition on the theme of “celebrating the Achievement of YE in Advancing the UN Sustainable Development Goals”*
- *Implementation of the first electric car charging station project in Kuwait (2019)*
- *Implementation of the "Smart Mosques" project in 5 mosques (2016-2017)*
- *Led a project to amend the demographics*
- *Initiated in qualifying engineers to be able to work in the Ministry of Education.*
- *Initiated in qualifying engineers to be able to work in the Ministry of Awqaf.*
- *Successfully worked on Al-Salmia Café Development Project.*
- *Successfully worked on the project of developing the Qairawan residential area.*

- *Successfully worked on Saad Al-Abdullah residential area development project.*
- *Successfully worked on Environmental camp in Kuwait.*
- *Successfully worked on project of training engineers (future leaders).*
- *Preparing and implementing the state's plan to accredit non-Kuwaiti engineers, and completing an evaluation of about 20,000 male and female engineers within 6 months.*
- *Developing a marketing plan for the vision and strategy of the Engineering Development Center for Private Training in the Kuwait Society of Engineers.*
- *Training and developing engineering cadres in the public and private sectors.*
- *Rehabilitation of technical cadres for newly graduated engineers.*
- *Providing engineering services and consultations to all sectors in the country.*
- *Holding conferences and seminars to contribute in spreading the engineering awareness. .*
- *Successfully worked on a project to rehabilitate and train about (80) engineers, in cooperation with the executive apparatus, to restructure the workforce in Kuwait.*
- *Head of the first green camp team working with clean energy.*
- *Led a Team in the project for the Largest Object of Recycled Materials in which was awarded by Guinness World Record.*
- *Numerous courses in leadership, management and specialized technicality*
- *Presented technical paper in the conference on building capabilities, competencies and engineering energies as well qualifying them for the labor market and keeping abreast of developments in Doha*
- The paper entitled: The Experience of the Kuwait Society of Engineers in Rehabilitation, Training and Development of Engineers.
- *Published Research by Renewable Energy Committee at the Kuwait Society of Engineers on "The feasibility of the National Center for Energy Efficiency in 2017*
- *Published Research In Kuwait Society of Engineers on "The placement of the Kuwaiti engineer in the private labor market - "Future Leaders" in 2017.*

Academic Profile

- *Bachelor of Science in Electrical Engineering Dec, 2002- California State University – Fresno – USA*
- *Master of science in Engineering Management FEB, 2012- Sunderland University - UK*



CANDIDATE FOR THE POSITION OF NATIONAL MEMBER REPRESENTATIVE

PERSONAL STATEMENT

Nahla AlQassimi, Ph.D. Town Planning, Architectural Engineering

I am delighted to stand in the forthcoming WFEO Executive Council elections, As the Vice president of Society of Engineers – UAE (SOE-UAE) and Vice President of federation of Arab Engineers (FAE), I am keenly interested in the professional development of engineers of all ages and gender toward best engineering practice in MENA and the World, and to enthuse our young people in engineering and to broaden the skills now required by engineers.

I believe that I have a strong work ethic, professionalism, diligence, and teamwork achieved significant progress towards our vision to develop, promote and sustain quality engineering practice in MENA comparable to global standards.

I will share my vision providing the best of my experience, knowledge, and time, to make from our common goals the priorities for the best to come for the WFEO.

Honors & Awards

- 2022 Engineering Leadership Award ,23rd Gulf Engineering Frum March 2023
- 2020 women leadership in developing Engineering sectors in Arab world, Federation of Arab Engineers, Jordan Feb,2020
- Women leaders in Engineering sector, Kuwait Society of Engineers, Kuwait, Feb, 2020
- 2018 IAA award for contribution of the success of Institution of Internal Auditors, IIA international conference
- 2010-Shaikh Mohamed Bin Rashid Award of Academic Excellence
- 2010-Dubai-World GIA Department Award in Appreciation for contribution towards the savings of 2 million to setting up the GIA office and 9 million overall to Dubai World,
- 2011-Government of Dubai-Department of Finance for participating in a workshop of “activation of the role of Internal Controls in Dubai Government.
- 2013-Certification of Appreciation from UAE Internal Audit Association an IIA Global affiliate for Contribution of Sawyers Translation Project

When successful with my bid, I intend to work closely with my colleagues in a collaborative way in contributing to every aspect of improving the outcomes of infrastructure delivery for the underserved populations of the least developed countries.

Nahla Al Qassimi
Nahla AlQassimi

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Date: 07 February 2023

Ref/SOE/D/ /2023

To:
Jacques de Méreuil
Executive Director / Délégué Général
WFEO / FMOI
Maison de l'UNESCO
1 rue Miollis
75015 Paris

Subject: **Expression of Interest to participate for election the position of National Member (MENA)**

Dear Jacques de Méreuil,

Please accept my greetings from SOE-UAE (Society of Engineers - UAE), Dubai, United Arab Emirates.

I would like to confirm my participation for election for the position of national member for MENA based on your letter dated on 14 December 2022 regarding the Call for nominations – WFEO General Assembly, 14-15 October 2023, Prague, Czech Republic.

Below is my qualification and experience as per the RULES OF PROCEDURE

Career Level: Executive leadership

High caliber doctorate in Architectural Engineering with specialization in the urban built environment with 15+ years of rich diverse leadership experience in the Middle East.

Experience (+15 Years):

Dean of Students

at Ajman University, Location Ajman. Company Industry: Education
Jan 2017-Present.

Chair of AU Women Empowerment Council

Assistant Professor

at Ajman University, Faculty of Engineering **Location: Ajman** Company Industry: Education
Jan 2015-Present

Manager - Special Projects

at Dubai World Corporation **Location:** Dubai, United Arab Emirates
Company Industry: Real Estate, Investment
.June 2013 –31/ December 2014.

Assistant Audit Manager - Technical

at Dubai World Corporation **Location:** Dubai, United Arab Emirates
Company Industry: Real Estate, Investment .

Senior Technical Auditor

• _at Dubai World Corporation **Location:** Dubai, United Arab Emirates .
Company Industry: Real Estate, Investment
March 2010 - June 2011.

Project & Acting Operation Manager

at Gulf Company for Contracting & General Enterprises under Gulf Group Holding **Location:** Ras Al Khaimah,
United Arab Emirates
Company Industry: Construction
January 2009 - January 2010 .

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Lecturer-- Architectural Engineering Department

Lecturer Location: Cairo, Egypt

Company Industry: Education

January 2002 - January 2009

Lecturer- Faculty of Engineering

on October 6 University Location: Cairo, Egypt Company Industry: Education

January 2001 - January 2002.

Education:

Ph.D. Architectural Engineering

at Faculty of Engineering, Cairo University

Location: Cairo, Egypt

Completion Date: January 2008

Ph.D. in Architectural Engineering - Town Planning

Thesis: Towards a Development Model for Managing Mechanisms of the Real Estate Market

Master's degree, Architectural Engineering

at Faculty of Engineering, Cairo University

Location: Cairo, Egypt

Completion Date: January 1995

Master's in architectural engineering - Town Planning Thesis: Determiners of Urban Development in Dubai

Bachelor's degree, Architectural Engineering

at UAE University

Location: UAE, Al Ain

Completion Date: June 1990 Bachelor of Architectural Engineering.

Training

- Government leadership program, Executive leaders level UAE Prime Minister office, Oxford Said business school, Feb2020-May2021
- Awareness session on ISR & Group ISR Policies, Group Information Security Committee (GISC), Jan 2014
- 'Lie to Me' Workshop, UAE IAA, Nov 2013
- Finance for non-Finance Personnel - Management Development Program (MDP), Oct 2013
- CIA Part 1, UAE IAA, Sep 2013
- ISO 31000 Risk Management, UAE IAA, Sep 2013
- The craft of technical & scientific writing & presentation, May 2012
- Construction Audit - Advanced Techniques, UAE IAA, May 2011
- Introduction to Construction Audit, UAE IAA, May 2011
- COSO Enterprise Risk Management - Integrated Framework, UAE IAA, Oct 2010
- Internal Audit Report Writing, UAE IAA, Oct 2010
- How to conduct Operational Audits, UAE IAA, Oct 2010
- How to Conduct Risk Based Audits, UAE IAA, Oct 2010
- Developing women in small projects - a specialized training course, National Centre of Women, Jan 2006
- Real Estate Appraisal - a specialized training course, Centre of Real Estate Appraisal, Cairo University, Dec 2005.

Publications:

- Analyzing the Users' Satisfaction Levels and Perceptions of the Dubai Water Canal for Future Waterfront Development in UAE, *Future Cities and Environment*
 - Sep, 2021 - futurecitiesandenvironment.com o International Journal of Advanced Research in Engineering Innovation, Oct.2021
- The Analysis of the Japanese "Borrowed Landscape" Concept in Tadao Ando'Architecture
- The Analysis of the Common Denominators of Tadao Ando's Museum Architecture Asian Journal of Arts, Culture and Tourism,2021
- The Analysis of the Media Façade in Dubai for Community Invigoration, international Journal of Advanced Research in Engineering Innovation,2021

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- The Analysis of Multi-sensory Environments for Children with Autism Spectrum Disorder in United Arab Emirates, Asian Journal of Research in Education and Social Sciences, Aug.2021.
- The Evolution of Dynamicity in Architecture of Frank Gehry, International Journal of Advanced Research in Engineering Innovation, Sep2021.
- The Typology of Water Composition in Tadao Ando's Architecture, Asian Journal of Arts, Culture and Tourist, June 2021.
- An Analysis of Peter Zumthor's Architecture Based on Regionalism, International Journal Advanced research in Engineering innovation, Jan.2021.
- The Typology of Water Composition in Tadao Ando's Architecture, Asian Journal of Arts, Culture and Tourism, June2021.
- The Effect of Air Purifying Plants on the Reduction of Volatile Organic Compounds (VOCs) during the Four Seasons in UAE, Frontiers in Built Environment
- The Evaluation of Residents' Health in High-Rise Residential Buildings in Dubai, United Arab Emirates, Frontiers in Built Environment, Nov.2021.

Honors & Awards

- 2022 Engineering Leadership Award ,23rd Gulf Engineering Frum March 2023
- 2020 women leadership in developing Engineering sectors in Arab world, Federation of Arab Engineers, Jordan Feb,2020
- Women leaders in Engineering sector, Kuwait Society of Engineers, Kuwait, Feb 2020
- 2018 IAA award for contribution of the success of Institution of Internal Auditors, IIA international conference
- 2010-Shaikh Mohamed Bin Rashid Award of Academic Excellence
- 2010-Dubai-World GIA Department Award in Appreciation for contribution towards the savings of 2 million to setting up the GIA office and 9 million overall to Dubai World,
- 2011-Government of Dubai-Department of Finance for participating in a workshop of "activation of the role of Internal Controls in Dubai Government.
- 2013-Certification of Appreciation from UAE Internal Audit Association an IIA Global affiliate for Contribution of Sawyers Translation Project

Leadership roles in NPO:

- Rashid bin Humaid award for culture and Science**
- Role: **Member of Board** of Governors
- UAE Society of Engineers**
- Role: **Vice President of Board of Governance** since June 2021
- Member of Board of Governors April 2018-present
- Chair of UAE SOE Women Engineer Committee** June 2021-Present.
- Chair of Youth Engineers council** 2018-2021.
- Member of SOE Research Support Program** 2022
- UAE Internal Audit Association (UAE IAA)
- Role: Member of Board of Governors September 2012 to April 2019

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Professional Certifications

- ❑ UAE Government leadership Program , Executive leaders Level , Oxford University .
Issued in: May 2021 ,UAE Prime Minster Office
- ❑ Risk Management Assurance (CRMA), Institute of Internal Auditors (IAA) (Certificate)
Issued in: January 2013
- ❑ Construction Control Professional (CCP), National Association of Construction Auditors (NACA)
(Certificate)
Issued in: January 2011
- ❑ Certified Construction Auditor (CCA), NACA (Certificate)

Participation on WFEO

- ❑ Member of Committee on Women in Engineering (WIE)
- ❑ Attended General Assembly Meeting World Engineers Convention 2019
- ❑ Attended General Assembly Meeting Costa Rica 2022

Kindly for any clarification or needed document kindly you communicate with Mr. Mohamed Korym via membership@soeuae.ae or mobile number 00971 50 1242721.

Best Regards

Eng. Nahla Al Qasimi
Vice President

**Dear Members of the World Federation of Engineering Organizations,**

I am writing to express my strong interest in being nominated to serve on the board as a representative for the Middle East and North Africa. As the head of the Palestinian Engineering Union which has more than 50000 members and more than 22 branches in all the world , and as Minister of local government in Palestine , I have been dedicated to promoting engineering excellence and advancing the profession in our area, as well building a wide network with all engineering unions in our region that enable me to be more effective and efficient in promoting the engineering values and mobilize the joint efforts to tackle the hard challenges and obstacles .

In recent years, civil wars, earthquakes, conflicts, and political upheaval have caused widespread destruction and displacement, leaving many communities in urgent need of assistance. As engineers, it is our duty to respond to these challenges and to develop best practices for disaster relief, reconstruction, and resilience-building.

In addition to the pressing need for best practices in disaster relief and reconstruction, we must also work to enhance the codes of ethics and promote sustainable engineering practices. As engineers, we have a responsibility to protect our natural resources and the environment, while also upholding the values of dignity, leadership, and transparency.

One of our most critical tasks as a profession is to work towards more sustainable engineering practices. We must be mindful of the environmental impact of our work and strive to minimize harm to the planet. This includes promoting the use of renewable energy sources, reducing waste, and incorporating sustainable design principles into all of our projects.



Furthermore, it is our responsibility as engineers to uphold the highest ethical standards and to ensure that our work promotes the common good. This includes working to prevent corruption and promoting transparency and accountability in all of our activities.

As a representative for the Middle East and North Africa, I would be committed to enhancing the codes of ethics and promoting sustainable engineering practices. I believe that we can make a significant impact in these areas by sharing knowledge, promoting best practices, and working together to develop new solutions.

I am confident that I can contribute to the board's efforts to promote engineering excellence and advance our profession in the areas of sustainable development, ethics, and transparency. I am excited about the possibility of serving on the board of the World Federation of Engineering Organizations and would be honored to represent the Middle East and North Africa.

Thank you for your time and consideration.

Sincerely,

Eng Majdi Al Saleh



General secretary of The Union of Palestinian Engineers.

Majdi Hafeth Al-Saleh

Telephone: 0097092572278

Fax: 0097092578012

Mobile: 00970595966601

Email: altaymacompany@yahoo.com

gupe73@gmail.com



Personal Data

- Family name: Al-Saleh
- First name: Majdi
- Marital status: Married
- Date of birth: 1st April, 1963
- Place of birth: Talouzah/ Nablus.
- Nationality: Palestinian.
- Country of Permanent Residence: Palestine.

Employment Record

<i>Employer</i>	<i>Period of Service</i>	<i>Position and Job Description</i>
Al-Tyma Contracting Company	2003-Present	Director General/Owner
National Real Estate Company- Nablus	1995-2003	Director General
Alsakhel Engineering company for contracting	1992-1994	Projects Manager
Tubieleh Contracting Company -Nablus	1991	Site engineer
Jamal Samreen Engineering Office /Amman/ Jordan	1990	Design and supervision Engineer
Shهاب Engineering Office / Damascus/Syria	1988-1989	Design and supervision Engineer

Education and Training

Damascus University- Damascus-Syria	1982-1988	BS C in Civil Engineering
High School/ Tubas Secondary Boys School	1981-1982	12th Grade/ Scientific Stream
<ul style="list-style-type: none">- Computer programs, Excel and Windows/ Engineers' Association- Nablus.- Engineering Drawing/ AutoCAD/ Engineers' Association- Nablus.- Cadu Professional- Engineers' Association.- Engineer Project Management/ 2001- Amman- Jordan.- Engineer Project Management/ 2003- Damascus- Syria.- Engineering Arbitration/ 2002-Amman- Jordan.- Engineering Arbitration/2005- Damascus- Syria- Fidic contracts/2006- Amman- Jordan.		

- Conflict Management/Perugia University- Italy. Engineering disputes and contracts
- Projects changeable commands/ Arab American University- Palestine.
- Preparing trainers in engineering projects management/ 2007- Aqaba- Jordan.
- A course in construction contracts arbitration/2012- Cairo- Egypt.
- Fidic Contracts/2012- Rammallah- Palestine.
- Advanced project management/ 2013-Casablanca- Morocco.
- Participating in various start-ups and scientific local and international conferences

Languages

<i>Language</i>	<i>Formal Education</i>	<i>Speaking Skills</i>	<i>Writing Skills</i>	<i>Reading Skills</i>
Arabic	Mother tongue	Excellent	Excellent	Excellent
English	Primary, secondary and high school	Very good	good	good

Special Activities **Leadership and associations**

- Minister of Local Government since 2019 - Present.
- Chairman of the board of the Municipal Development and leading fund MDLF since 2019 – Present.
- Chairman of the Palestinian higher Planning and Building council. since 2019 Present.
- General Secretary for the General Union of Palestinian Engineers since 2017- Present
- Member of the Palestinian Higher Council for Innovation and Excellence since 2018- Present.
- Member of the Palestinian Social Security Corporation since 2017- Present
- Chairman of Palestinian Engineers Association Council -Jerusalem Center from 2015-2018
- Chairman of the Coordinating Council of associations, Unions and Sectoral Federations 2016
- Member of the executive board of the General Union of Palestinian Engineers since 2015-2018
- Member of the Palestinian National Council – PLO
- Member of the Central Council -PLO
- Member the Board of the Municipal Development and leading fund MDLF 2015
- Member of the Palestinian higher Planning and Building council 2015-2018.
- Member of the Board of Palestinian Standards Institution 2015-2018.
- Chairman of the Board of the higher Council of Palestinian Green Building 2015-2018.
- Chairman of the Board of engineer's training center 2015-2018.
- A member of the Palestinian Engineers' General Union secretariat.
- A member of the Arab Engineers' Union since 1997.
- A Palestinian representative at the Supreme council at the Arab Engineering Union.
- A Palestinian representative in the Union of The Engineering Bodies of the Mediterranean countries

- A member of Bureau of the Engineers' Association
- A member of Engineers' Association- Jerusalem centre.
- A member of the General Union of Palestinian Engineers' Association.
- A member of the Engineers' Association's General Conference.
- A founder member of the Palestinian Contractors' Association- the representative of the Engineers' Association.
- A Palestinian representative in information and publishing commission- Arab Engineers' Association.
- A member of preparatory committee for the second Business and Advisory Engineering conference in Palestine.
- A member of preparatory committee for the Alternative Energy Conference
- A member of preparatory committee for the chamber of international Arbitration in Palestine.2006.
- A member of the drafting committee of the law of the Palestinian Engineers' Association.
- A Palestinian representative in the Arab Arbitration Committee- The Arab Engineers' Union.

Conferences

- Participating on the WEFO executive meeting held in London, Slovenia, Australia, and virtually in Cost areca.
- Participating on the WFEO's 50th anniversary.in year 2018
- The 21st Arab Engineering Conference / 26-28 October. 1998- Beirut-Lebanon.
- The 22nd Arab Engineering Conference /17-19 April. 2001- Tunis-Tunisia.
- The 24th Arab Engineering Conference/14-16.May.2007- Amman-Jordan.
- The role of the Arab engineers in facing the environmental challenges/22-23.March.2013/ Tripoli- Lebanon.
- The role of the engineer in sustainable development/ 20-22.June.2013-Casablanca-Morocco.
- The international strategy for engineering education/ 27.September.2014-Cairo-Egypt.
- Alternative energy and developments elements/ 15-16.April.2015-Cairo-Egypt.
- The 27th Arab Engineering Conference/ 29-30.March.2016- Manama-Bahrain.
- The first Arab Geotechnical engineering Conference/ 18-19.March. 2016-Baghdad-Iraq.
- Weather Conference/ 7-18 November. – Marrakech- Morocco.



BRIEF STATEMENT
Ir. Prof. Dr Norlida Buniyamin,
The Institution of Engineers Malaysia (IEM)

The Institution of Engineers Malaysia (IEM) has been a long standing member of WFEO and I believe it is time for IEM to re-establish our representation in the Executive Committee of WFEO. Recognising that the post is rather heavy and challenging, I am confident that with the support and involvement, active participation and collaborative efforts of every WFEO Council, we will be able to achieve greater outcome and impact by working together as one.

The goals of my nomination to the Executive Council are:

- Integrating the engineering education accreditation
- Elevating and fostering equality for women in science and engineering
- Safeguarding the mobility of engineers
- Strengthening the engineering and technological activities in promoting sustainable economic growth and social welfare

I shall strive to carry out this honorable responsibility with utmost care and diligence emulating and continuing the good works of our previous members of the Executive Council. Therefore, I humbly offer myself as a candidate for election into the WFEO Executive Council where I pledge to provide my services and my utmost commitment & support to the organization and to the Executive Council to push forward the objectives of WFEO and to help bring this organization to greater heights, collectively for the benefit of the engineering profession in the world.

Thank you.

Ir. Prof. Dr Norlida Buniyamin
15 February 2023

Brief CV

NAME: Professor Ir. Dr. Norlida Buniyamin

Title:	Professor B.Eng, M.Sc., PhD, F.I.EM, P. Eng, APEC Eng, ASEAN Eng, IntPE(My), Hon. FAFEO, ACPE, FAAET, SMIEEE.	
Current Position and experiences in accreditation Councils:	<ul style="list-style-type: none"> • President – The Institution of Engineers, Malaysia (IEM) (2022-2024) • Professor, College of Engineering, University Teknologi MARA, Malaysia. • Deputy President- Institution of Engineers Malaysia (IEM) (2020-2022) • Board member of the Board of Engineers Malaysia (BEM) (since 2017- currently) • Chairman of the Engineering Technology Council (ETAC), Malaysia. (2020- currently) • Deputy Chairman of (Engineering Accreditation Council, Malaysia) EAC (2019-2020) • Deputy Chairman of ETAC) (2018-2019) • Member, National Monitoring Committee (2019-2020, 2020 – currently) 	
Academic Qualifications:	<ul style="list-style-type: none"> • Doctor of Philosophy in Total Technology, UMIST (University of Manchester, Ins. Of Science and Technology), United Kingdom 2004. • Master of Science (Industrial Control Systems), University of Salford, UK. 1993. • Bachelor of Engineering (Hons.) (Electrical and Electronic). University of Adelaide, Australia. 1985 	
Professional Qualifications / Affiliations:	<p>Fellow, the Institution of Engineers, Malaysia (F.I.E.M), Honorary Fellow of the ASEAN Fed. of Engineering Organization, (Hon. FAFEO), Fellow, ASEAN Academy of Engineering and Technology (FAAET) Professional Engineer with Practicing Certificate, Board of Engineers, Malaysia (P.Eng.), Asia Pacific Economic Cooperation (APEC) Engineer, (APEC Eng.), ASEAN Engineer (AE), International Professional Engineer (IntPE(My)), Senior Member, Institute of Electrical & Electronic Engineers (SMIEEE).</p>	
Office Tel:	603-55436082/ 603-79684006	
Office Fax:	603-55445077/ 603-79577678	
H/P:	6019-3579877	
Email Address:	nbuniyamin@gmail.com	

Areas Of Specialization:	Automation and Robotics, Biomedical Engineering, Engineering Education
Working Experience:	<p>Before joining UiTM, Prof. Norlida was a research fellow with the Malaysian Institute of Microelectronics Systems (MIMOS), Malaysia. Her current research interest is in Industrial Automation and Robotics, Biomedical Engineering and Engineering Education. She is the head and founder of the Engineering Education Research Group (EnTER) that has been active in Engineering Education Research and the organization of the yearly IEEE International Conference on Engineering Education (ICEED) since 2009. With over 25 years of academic experience, she has been involved with many research projects, supervised and examined post graduate and undergraduate students. Throughout her career Ir. Dr. Norlida Buniyamin and her postgraduate students have won numerous awards, such as the best technical paper awards, gold and silver medals in innovation competitions, and the UiTM Excellent Service Award in 2007, 2015 and 2016. She was also the recipient of the 2016 IEM Women Engineer Award and the 2016 Excellent Service award (PPC Pingat Perkhidmatan Cemerlang) from the Ministry of Education, Malaysia.</p>
Experience and service to the Institution of Engineers Malaysia (IEM) and Board of Engineers Malaysia (BEM):	<p>Ir. Dr. Norlida Buniyamin is a Fellow of the Institution of Engineers Malaysia (IEM). She is currently the IEM President for the session 2022 to 2024. She is an active member of IEM since 1992. She was involved in several committees such as Admission & Training, Education and Qualification, Corporate Affairs, and Professional Practice. She was the past Chairman of the IEM committee on Admission & Training and past Chairman of the Examination & Qualification committee. She currently and has previously served on the Board of Engineers Malaysia (BEM) committees such as the National Monitoring Committee, Application, Training & Education and Publication committees. Prof Norlida also represented Malaysia to IEA meetings in 2019, 2020, 2021 and 2022. She is currently an observer for the ECUK Sydney accord review.</p>
Experience and service to the Asia/Pacific region:	<ul style="list-style-type: none"> • Representing IEM as Governing Board Member of The ASEAN Federation of Engineering Organisations (AFEO) AFEO since 2022. <ul style="list-style-type: none"> i. Attended will be organizing the E20 SUMMIT in Bali, Indonesia from 2 to 5 November 2022 hosted by The Institutions of Engineers, Indonesia (PII). ii. Hosting AFEO Mid-Term Governing Board Meeting in Johor, Malaysia iii. Attended CAFEO 40 in Cambodia from 25-27 August 2022. • Representing IEM as a Governing Board Member of the FIEAP. <ul style="list-style-type: none"> i. Had attended the 6th FEIAP conference on 26th July 2022 in Cebu Island, Philippines and presenting paper on Engineering Mobility Technical ii. Had attended WFEO-CECB Capacity Building in Engineering Education International Forum and Zimbabwe Institution of Engineers Biennial Conference on 16 to 22 August 2022 and presented keynote address titled Education of Professional Engineers and Engineering Educators at Africa Asia Pacific,. • Representing IEM at the 47th Annual National Convention (ANC) and 3E

	<p>XPO 2022 at SMX Manila, Pasay City hosted by The Institute of Integrated Electrical Engineers of The Philippines, from November 7-12, 2022.</p> <ul style="list-style-type: none"> • Representing IEM at the China-ASEAN Roundtable on Engineer Exchanges on 2nd December 2022 and presenting paper on Engineering Recognition & Mobility Malaysia. • Representing IEM at the workshop on Energy Conservation for Malaysia at the Energy Conservation Center, Japan from 12 to 16 December 2022.
Experience in relevant national accreditation or competence assessment in Malaysia:	<p>Have been involved in engineering program accreditation exercises, OBE workshops and implementations in University Teknologi MARA since 2005 till currently including SAR (Self Accreditation Process). Also involved in evaluation of engineering courses in Malaysian Universities such as SEGI as an Industrial Advisory Panel (IAP).</p>
Experience in the International Engineering Alliance:	<p>Have attended a course conducted by Basil Wakelin (Past Chair, IEA) on the 30th May 2016. And additional training course on: Training for IEA Accord and Agreement Reviews. Attended similar course in 2019 in Hong Kong and online in 2021.</p> <p>Have attended The International Engineering Alliance Workshops 2022 workshop Accord and Agreement Representing Board of Engineer Malaysia (BEM) 2022 IEA Workshops, hosted by Engineers Ireland at Killarney Convention Centre, Ireland 2 – 7 October 2022</p>

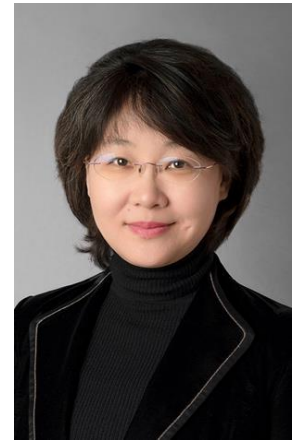
Personal Message

from Dr. HE Jing for the Candidate of Executive Committee

Dear colleagues,

I am thrilled to be nominated as the candidate of WFEO Executive Committee, and willing to leverage my expertise and experience in sustainable development engineering to contribute to the sustainability of engineering.

I have over 20 years of professional experience as a Chinese engineer. I attained my bachelor's degree in 1997, master's degree in 2000 and doctorate in 2004 from Tianjin University. Following that, I served as a postdoctoral researcher in Tsinghua University from 2004 to 2007. Since 2007, I have been actively engaged in sustainable development engineering as the Deputy Chief Architect at the China Institute of Building Standard Design & Research Co., Ltd.



Contribution to standardization of resilience of buildings and civil engineering works

Under the severe challenges such as global climate change and epidemic situation, improving the resilience of our living environment has become a key word for the sustainable development of the global engineering community. In this context, my colleagues and I are working to shape the resilience of cities and buildings, so that the assets built today can adapt to the changing environment in the coming decades, hundreds of years. For example, the development of future climate design parameters projection methods, resilient hospital design methods. I served as the **convenor** of **ISO/TC59/WG4** in 2018. Our working group have dedicated to developing a series of resilience design standards for buildings and civil engineering works to address climate change (**ISO/CD 4931-1**), earthquake (**ISO/AWI TR 18961**) and public health emergencies (e.g., COVID-19) (**ISO/PRF TR5202**).

Contribution to climate change mitigation in building sector

Construction activities, which are deeply affected by climate change, are also contributors to climate change. Building sector is responsible for almost 40% of global carbon emissions, making climate change mitigation in the sector an urgent priority. My research team conducted a series of **studies on carbon reduction in the building sector**, including the macro composition of carbon emissions in China's building industry and suitable carbon reduction technologies for China's national conditions. Our research results were utilized in the development of several **national building standards, provisions, and research initiatives**, such as the *Civil Green Building Construction Standard* of the National Engineering Project Construction Standard and the Provisions on Energy Conservation Management of Civil Buildings issued by the Ministry of Housing and Urban-Rural Development (MOHURD).

Contribution to engineering capacity building

National I have been the **Secretary General** of the Committee on Green Building of the Architectural Society of China (ASC) since 2019 and played an active role in its establishment. Our committee has organized numerous academic activities such as forums and design competitions that have enhanced the engineering capacity of Chinese architects in reducing the carbon emissions and environmental impact of construction activities. I am also a member of the Chinese Society of Engineers (CSE), founded under the initiative of CAST, and served as the **Vice Chairwoman** of the Engineering Competency Assessment Committee.

International Since 2016, I have been a member of CEE of WFEO. During my tenure, I participated in initiating the Climate change mitigation best practice project to **build a data sharing platform of building carbon emissions** in many countries. I also analyzed the necessity of shaping climate resilience to build assets and collected a large number of outstanding cases, promoted them and **called on engineers to invest in technological innovation for resilience** at 2022 WES (Costa Rica). I also reviewed the admirable growth process of Asian female architects in the 100-year history of urban development, highlighting their outstanding contributions in different historical periods, especially under the framework of sustainable development, at the Madrid Forum (2023) and **encouraged female engineers to keep innovating and blooming themselves**. I also served as a **liaison representative** for WFEO to ISO/TC 299 "Robotics" and ISO/PC 337 "Guidelines for the promotion and implementation of gender equality."

Being a female engineer and participating in WFEO has been a great honor and valuable experience in my career. I am delighted to have the opportunity to serve on the Executive Committee and continue to promote service and collaboration while leveraging my expertise and experience to contribute to the sustainability of engineering. Moving forward, I am committed to actively promoting engineering the resilient future, the growth and development of female engineers, and serving as a link between ISO and WFEO to facilitate collaboration.

Thank you for considering my application.

Sincerely,

HE Jing

Observer, Committee on Engineering and the Environment of the World Federation of Engineering Organizations
Deputy Chief Architect, China Institute of Building Standard Design & Research Co., Ltd.

Curriculum Vitae

Dr. HE Jing

Nominated Candidate of Executive Committee



Observer, Committee on Engineering and the Environment
of the World Federation of Engineering Organizations

Convener of ISO/TC59/WG4

Vice Chairwoman, Engineering Competency Assessment Committee
of the Chinese Society of Engineers

Deputy Chief Architect, China Institute of Building Standard Design
& Research Co., Ltd.

EDUCATION

1992-1997 Bachelor degree in Architecture from Tianjin University

1997-2000 Master degree in Architecture from Tianjin University

2000-2004 Doctoral degree in Engineering from Tianjin University

2004-2007 Postdoctoral researcher in the Postdoctoral Research Center of
Architecture of Tsinghua University

EXPERIENCE

2007-present Architect, Director of Centre for Sustainable Building
Research, Deputy chief architect of China Institute of Building Standard
Design & Research Co., Ltd.

Over the years, I have been engaged in **standard compilation, research and design**
in the field of carbon emission reduction in building activities, as well as resilience
design to make buildings better adapt to future changes.

Standards and research

ISO standards for resilience of buildings and civil engineering works

I have been the convener of **ISO/TC59/WG4** (Working group 4 on **Resilience of
buildings and civil engineering works**, Technical committee 59 on Buildings and civil
engineering works, International Organization for Standardization) since 2018.

The working group has developed and is developing a series of **resilience design
standards** for buildings and civil engineering works to address increasing frequency
and intensity of meteorological hazards (e.g., floods and heatwaves) as well as sea
level rise induced by climate change (**ISO/CD 4931-1**), public health emergencies
(e.g., Ebola and COVID-19) (**ISO/PRF TR5202**) and earthquake (**ISO/AWI TR 18961**).
These standards provide guidance on how built assets with a life span of decades or

even centuries can **be prepared with certainty for an uncertain future**. The development of these standards is based on interdisciplinary research of civil engineering works, meteorology, emergency, economy, etc. In order to promote interdisciplinary, I organized relevant **special issues** "Resilience of buildings" (*Eco-city and Green Buildings*, spring quarterly 2018) and "Climate change and building resilience" (*Science & Technology Review*, Issue 8 in 2020), which has promoted the development of standards. WG4's projects are:

ISO/TR 22845:2020, Resilience of buildings and civil engineering works

ISO/PRF TR5202, Buildings and civil engineering works — Building resilience strategies related to public health emergencies — Compilation of relevant information

ISO/CD 4931-1, Buildings and civil engineering works — Principles, framework and guidance for resilience design — Part 1: Adaptation to climate change

ISO/AWI TR 18961, Buildings and civil engineering works – Seismic resilience assessment and strategies – Compilation of relevant information

I am also developing a China Association for Engineering Construction Standardization (CECS) standard, *Method of obtaining projected outdoor meteorological parameters for building design in response to future climate change* with meteorologists for the advancement of ISO/CD 4931-1.

Research and standards for climate change mitigation in building sector

Building sector accounts for nearly 40% of global carbon emissions, climate change mitigation in the sector is urgent. China currently has the largest number of existing buildings and annual new buildings in the world. My team and I made a series of **studies on carbon reduction in building sector**, such as macro carbon emission composition of Chinese building industry and carbon reduction technologies suitable for China's national conditions. It mainly includes:

Efficiency evaluation of integrated technology application in green building planning and design of National Key Technology Research and Development Program,

Eco-city indicators and case studies for Beijing Municipal Commission of Planning and Natural Resources,

Green appropriate technology guidelines for International Horticultural Exhibition for Bureau of Beijing International Horticultural Exhibition Coordination,

Equal attention should be paid to both construction and operation of buildings for energy efficiency and emission reduction: Findings from current data on resource and environment loads in China's building industry (*Science & Technology Review*, issue 5, 2018),

Establishing the quantitative analysis of the impact of sustainable strategies on energy consumption, CO₂ emission and cost in a building life-cycle: Taking an office building in Beijing as an example (*Design Community*, issue 3, 2020), etc.

Based on the research results, I participated in a number of **national building standards, provisions and research**, mainly including:

Civil green building construction standard of National Engineering Project Construction Standard,

Design

My team and I have designed hundreds of thousands of square meters of buildings, including office buildings, hotels, residential buildings, etc. In some projects such as Beijing Baoquan Coin Factory, I tried to save energy consumption by using natural ventilation, daylighting and hot pressure ventilation to reduce the use time of air conditioners and lights.

Based on design and research experience, I also participated in the writing of the book *Green architecture design guidelines* published by China Construction Industry Press which has helped tens of thousands engineers quickly master green building design methods.

INSTITUTIONAL ACTIVITIES

I have made significant contributions to the fields of sustainable development through my involvement in various **national** and **international** engineering organization, as well as my active participation in social activities.

National

As the **secretary general** of the Committee on Green Building of the Architectural Society of China (ASC) since 2019, I was actively involved in its establishment. The committee organized numerous academic activities of forum and design competition on topics such as green buildings, zero carbon buildings, and green materials and have **enhanced the engineering capacity of Chinese architects in sustainable development**. I was therefore recommended by ASC to serve as a **member** of the Committee on Green & Sustainable Architecture of Architects Regional Council Asia (ARCASIA) in 2022.

Recently, I became a **member** of the Chinese Society of Engineers (CSE) founded under the initiative of CAST, and served as the **Vice Chairwoman** of the Engineering Competency Assessment Committee.

I have also held various leadership positions in organizations related to sustainable development:

- Member** of the National Technical Committee 567 on City Sustainable Development of the Standardization Administration of China,
- Vice Chairwoman** of the Committee on Resilient City of the China Association for Engineering Construction Standardization (CECS),
- Member**, Construction Robotics and Automation Committee of Chinese Association of Automation,
- Vice President** of IEEE PES Smart Buildings, Loads & Customer Systems Satellite China.

International

Service to the World Federation of Engineering Organizations (WFEO)

Since 2016, I have been a **member** (2016-2020) and **observer** (2020-) of the Committee on Engineering and the Environment (CEE) of the World Federation of

Engineering Organization (WFEO), and has actively participated in a number of activities:

Participated in WFEO activities in Lima (2016), Rome (2017), London (2018), Melbourne (2019) and Madrid (2023), and gave some **speeches**, including:

Female architects in Asia (Keynote) on Engineering the Cities of the Future (Spain, 2023),

Climate change mitigation and adaptation in building sector (Keynote) on WES 2022 (Costa Rica, 2022),

Role of developing green building in protection of human heritage on WEF 2017 (Italy, 2017)

Participated in World Engineering Day every year since 2020 and contributed to the supporting activities including:

Collecting China's cases for the World Engineering Day postcard project in 2020,

Serving as preliminary judge in the World Engineering Day Hackathon 2022 and 2023.

Participated in the preparation of ***Climate change mitigation best practice project*** from 2021.

Serving as liaison representative of WFEO to ISO/TC 299 "Robotics" and ISO/PC 337 "Guidelines for the promotion and implementation of gender equality" since 2022.

Giving speeches on activities organized by WFEO China, including:

Green building technology contributes to carbon peaking and carbon neutrality goals on the 2022 China International Fair for Trade in Services (CIFTIS) "High-level Seminar on Engineering Innovation for Sustainable Development" (China, 2022),

Construction activities and climate change on the 23rd China Beijing International High-tech Expo - Forum on Engineering Innovation for Sustainable Development (China, 2020)

Service to Architects Regional Council Asia (ARCASIA)

I became a **member** of the Committee on Green & Sustainable Architecture of Architects Regional Council Asia (ARCASIA) in 2022. I am currently involved in the preparation of a forum hosted by the committee entitled "Diversity in Sustainable Architecture".

Speeches at other international conferences

Learning from COVID-19: Shaping more resilient buildings (invited speaker) on Women scientists today Forum hosted by FMTS & INWES (online, 2021)

Overview of green development of urban housing in China (invited speaker) on Sino-Japanese building and housing technology exchange meeting hosted by Japan Building Center & CCTC (Japan, 2016)

To establish a quantitative relationship between building activities and environmental loads on the Fifteenth International Conference on Green and Energy-efficient Building & New Technologies and Products Expo - Forum on Green building design theory, technology and practice (China, 2019)



CONSIGLIO NAZIONALE DEGLI **INGEGNERI**



*presso il
Ministero della Giustizia*



STATEMENT ANIA LOPEZ

I am pleased to present my candidacy for the election to the position of President-Elect of the World Federation of Engineering Organizations.

I have a Master's Degree in Mechanical Engineering, graduated both in Italy and in Cuba. In 2022 I gained a place as a PhD student in Management Engineering at the Department of Computer, Automatic and Management Engineering "Antonio Ruberti" of the University of Rome "La Sapienza". I am currently Consultant as a project manager by the Lazio Region in Rome, collaborating with the European Project PNRR "Next Generation EU".

From 2011 to 2022 I was a Councilor of the National Council of Engineers (CNI), a member of the Board of Directors of the Foundation of the National Council of Engineers of Italy and a member of UNI (technical committee).

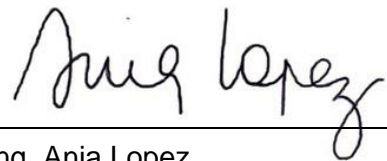
Since 2013 I have been a member of the WFEO, participating in the meetings of the Board of Directors and the General Assembly. In 2019 I was elected as a national member of the Executive Council in Melbourne Australia, serving a full term from 2019-2023. Since 2020 I have been the Chair of the WFEO Awards Committee, and a member of the Committee of Support and Review Group. I am also a member of two standing committees: WiE Women in Engineering and Energy.

Recently I initiated the proposal for a joint WFEO-FAO award and participated in the official WFEO delegation to FAO visiting the Director General. I continue to engage with FAO for a collaborative partnership with WFEO for future projects with WFEO, and I am a member of the working group and CNI delegate for FAO projects in WFEO.

If elected, I will

- Work for the WFEO to become a global opinion leader in everything related to engineering, from climate change, to energy, to artificial intelligence, participating in roundtables, projects, conferences, events with the highest exponents of the main international organizations.
- Activate channels with the European Union, where the WFEO can participate and access projects and funding for member countries, for the service of the community.
- Develop new synergies through thematic groups within international bodies to give support to activities concerning all engineering sectors. Including e.g. FAO Project.
- Increase the number of member countries through a welcoming policy, creating new synergies through collaborations from a strategic point of view and the experts of each member state.
- Create projects for young people through collaboration with the university world, launching dedicated projects to raise awareness of the importance of engineering in society.
- Working in projects, launching a theme related with the ONU 2030 Agenda SDGs, where all Standing Committees are involved, with new proposals and challenges, collecting them in a special edition of a document to be shared with all member countries.
- Develop projects for capacity building in Africa, Asia and Latin America.
- Engage with the United Nations and other UN agencies in Europe, Africa and Asia.

Best regards,



eng. Ania Lopez
National Member of WFEO
Executive Council
Consiglio Nazionale degli Ingegneri



CONSIGLIO NAZIONALE
DEGLI INGEGNERI



presso il
Ministero della Giustizia

Ania LOPEZ
Mechanical Engineer

wfeo@anialopez.com

National Member of Executive Council of WFEO
Consiglio Nazionale degli Ingegneri ITALIA



Institutional International Activities **World Federation Engineers Organization**

2013 (STC)Energy and Women

2019 Member Executive Council of WFEO

2020 Chairwoman of Award Committee of WFEO-UNESCO

2020 Component of Strategic Planning Committee

2022 Delegation WFEO-FAO and Chair of Task Force
of WFEO-FAO MoU

International Conference/Journal:

Since I joined WFEO, I have participated as a speaker at many international conferences about Agenda 2030 SDG, including Lima in 2016, London and Melbourne in 2019 and Madrid 2023, on a number of topics including "Energy Approach in Italian resilient cities" & "Sustainable Cities Intelligent Transportation". In 2022 I published an article Impact of Climate Change on SIDS -What Engineering Solutions? The relationship between The Climate Smart Agriculture (CSA) and #SDG Agenda 2030 in the new approach in the Framework FAO (2022-2031) JOURNAL of the Institution of Engineers Mauritius

Institutional National Activities **Consiglio Nazionale degli Ingegneri.**

Ministero di Giustizia Italia

2011-2022 Member of Executive Council of CNI

2013-2022 Member of Board of directors Foundation CNI

Dialogue with the political world (parliament) for the approval of the legislative instruments concerning the profession of Engineers. Participation in the technical round tables of various Ministries with technical proposals regarding the approval of procedures and decrees aimed at carrying out the activity of engineers in all sectors (civil-environmental, industrial and ICT). Relations with international organizations (WFEO, FEANI, ECCE) for the safeguarding of the profession of engineers and professional and cultural collation and exchange. Legislative role. First female councillor in the history of the CNI.

EDUCATION

ITALY

2022-2025 (ongoing) PhD: Industrial and Management Engineering Università Roma "La Sapienza" Renewable Energy Agrovoltaic

2004-2010 Bachelor Degree / Master of Science in Mechanical Engineering Università degli Studi di Roma "La Sapienza"

CUBA

1992-1997 Master of Science in Mechanical Engineering "Instituto Superior Politécnico "José Antonio Echeverría" Havana (CUBA).

1990-1992: Special School: Scientific High School Preuniversitario Vocacional de Ciencias Exactas "Vladimir I. Lenin" (CUBA). Specialization: Mathematics.

Experience

2021 – Current Project Manager for the Lazio Region (Italian Government) for Renewable Energy, including obtaining authorizations for wind farm, geothermal plant and solar panel installations.

2002 – 2021 Facility manager for private companies in energy sector (schools, hospitals, office building) including facilities maintenance, infrastructure activities and technically innovative systems to reduce carbon footprint, preparation of the design and cost estimate of infrastructural projects to maintain and increase the efficiency and monitor the execution of works on building site, manage the technical contracts for electrical installations, Heating, Ventilation and Air-Conditioning (HVAC) systems, security systems, antennas and plumbing Participation in tenders with the Italian government.

1997-2002 Experience as an Engineer at the Ministry of Labor and Ministry of Foreign Trade (CUBA)

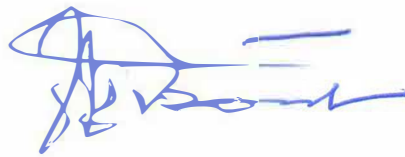
Languages: Fluent in Spanish, Italian, and English.

PERSONAL MESSAGE

I will concentrate my efforts on the training and practice of the engineering profession by ensuring that all engineering programs being offered in our universities have the necessary accreditation with the international bodies. I will support countries aspiring to join the international Engineering Alliance by lobbying governments to support National Regulatory bodies to put in place systems and processes that are sustainable.

I will work with all stakeholders to ensure that all citizens of Member Countries of WFEO are encouraged and facilitated to participate in WFEO activities. All member organizations will be encouraged to participate in WFEO Standing Technical Committees and Working Groups.

I will also embark on the growth of WFEO by encouraging national engineering organisations that are not yet WFEO members to join WFEO and benefit from the many programs and activities that are available.



Nathaniel Matalanga



ENG. NATHANIEL MATALANGA, CE, FIEK, OGW
For WFEO National Member Representative Position

Eng. Nathaniel Matalanga attained a Bachelor of Science Degree (Civil Engineering) in 1989 from the University of Nairobi (UON), Kenya. He is a registered Structural Engineer with over 30 years' experience in structural engineering design of buildings and surrounding infrastructure. He is the Immediate Past President of the Institution of Engineers of Kenya (IEK) having served the Institution as President (2020-2023), Honorary Secretary (2015-2020) Ordinary Council Member (2014-2015). He serves at the Executive Council of World Federation of Engineering Organizations (WFEO) (2019-2023), member of WFEO Governance Committee (2019-2023) and Treasurer of the World Council of Civil Engineers (WCCE) (2022-2025).

He is a Fellow of the Institution of Engineers of Kenya, Fellow of Architectural Association of Kenya -Engineers Chapter, member of Uganda Institution of Professional Engineers, member of Institution of Engineers Rwanda, registered Engineer - Kenya, Uganda, and Rwanda, Former Registrar at Architectural Association of Kenya - 2013-2017 and Former Chairman of Architectural Association of Kenya, Engineers Chapter - 2007-2013, member of KEPSA Lands Sector Board (2018-2020), IEK Mhandisi Cooperative Sacco (2014 to date), Chairperson, Resource mobilization Committee at IEK and member of the Eminent Engineers Forum (EEF)

He has hands-on experience in designing and implementing schemes in the Horn of Africa and the Great Lakes Region (Rwanda, Burundi, Uganda, Kenya, Sudan, South Sudan, Tanzania, and Somalia). He has actively participated in the East African Federation of Engineering Organizations (EAFEO) and Federation of African Engineering Organizations (FAEO) activities being Chair of FAEO Nominations Committee and attended FAEO activities in Tanzania, Ghana, Uganda, and Tunisia. He has been very vocal in advocating for engineers' rights and welfare and has a passion to promote African Countries to join the International Engineering Alliance (IEA).

Eng. Matalanga was conferred the Order of Grand Warrior (OGW) by the President of Kenya, HE Hon Uhuru Kenyatta in 2021. OGW is an award presented by the President of Kenya to individuals in recognition of outstanding service rendered to the country in different responsibilities and capacities.

Date: April 2023



ASOCIACIÓN de INGENIEROS del URUGUAY

Cuareim 1492 – C.P. 11100, Montevideo – Uruguay – Tel: (598) 2901 1762 – 2900 8951

E-mail: aiu@vera.com.uy – Web: www.aiu.org.uy

I am honored to have been nominated for the position of International Member of WFEO. It is a privilege to be considered for such an important role in an organization that I hold in high regard for its commitment to advancing the engineering profession and promoting sustainable development worldwide.

As a long-standing member of the Asociación de Ingenieros del Uruguay, I have witnessed firsthand the challenges that the engineering profession faces both at the national and international level. However, I have also witnessed the tremendous impact that can be achieved through collaboration, knowledge sharing, and effective leadership.

If elected as an International Member in the Executive Council of WFEO, I will work tirelessly to support the needs of the engineering profession, promote knowledge sharing and collaboration among engineering professionals worldwide, and work towards the common goal of sustainable development.

My experience in working with international engineering organizations, such as the UPADI and the WFEO Energy Committee, has provided me with a unique perspective on the opportunities and challenges facing the engineering profession at the global level. I believe that this experience, combined with my strong leadership skills and dedication to collaboration, make me well-suited to serve as an International Member in the Executive Council of WFEO.

I look forward to the opportunity of working with the members of the Executive Council and the broader WFEO community to advance the engineering profession and promote sustainable development worldwide.

Thank you for your consideration, and the possibility of serving WFEO in this important role.

Sincerely,

Engineer Miguel Fierro



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Miguel Fierro is a Civil Structural Engineer who graduated from the Faculty of Engineering at the Universidad de la República Oriental del Uruguay. He is currently pursuing a Master's degree in Energy Management at the Universidad Católica del Uruguay.

Mr. Fierro has extensive professional experience, including serving as a Technical Advisor to the Board of Directors of UTE (Administración Nacional de Usinas y Transmisiones eléctricas del Estado) since August 2020. He was also the Deputy Manager of Commercial Technical Service in Montevideo at UTE from 2018 to 2020.

Furthermore, he has been an Internal Auditor for Quality Management Systems ISO 9001:2015 from 2005 to 2020, working with various organizations such as UNIT, LATU+Quality Austria (LSQA), and AENOR. He has also worked as an instructor for courses on meter connection, inspection of interior installations, intelligent measurement, and quality management system implementation.

Mr. Fierro has served as a Quality Inspector for Electrical Energy Meter Reception Tests from 2001 to 2012 and as the Head of the Direct Energy Measurement Department from 2004 to 2018. Additionally, he served as the Head of Operations for Direct Energy Measurement from 1998 to 2004, Head of Quality and Inspector for Testing of Pretensioned Concrete Columns from 1993 to 1997, Director of Prefabricated Concrete Housing Assembly from 1994 to 1995, and Head of Plant for the Manufacturing of Prefabricated Concrete Housing from 1994 to 1995.

He is a member of several professional and academic associations, including the Committee on Energy of WFEO, the Asociación de Ingenieros del Uruguay (AIU), and the Cumbre de las Asociaciones Profesionales de Ingenieros Civiles de Lengua Portuguesa y Castellana (CICPC). He is also a founding member of the Asociación de Profesionales y Mandos medios (APROM) of the Usinas y Trasmisiones Eléctricas del Estado (UTE), where he served as President from 2015 to 2017 and Secretary-General from 2019 to 2021. Currently, he is the President of Agrupación Universitaria del Uruguay (AUDU) from 2021 to 2024 and serves on the Council of the Faculty of Engineering as a representative for the graduates' order.

Mr. Fierro's extensive experience in the field of engineering and energy, his service to international organizations (UPADI, WFEO, Cumbre) as well as local ones (AIU, AUDU, APROM, Engineering Council at Universidad de la República) makes him a highly qualified candidate for the Executive Vice President

MESSAGE

As we strive towards achieving the Sustainable Development Goals (SDGs), it is evident that the revitalization of sustainable economic growth and employment creation, coupled with the acceleration of structural transformation in underdeveloped and developing countries, will play a crucial role. It is imperative to address the challenges of designing and effectively implementing development strategies in the broader context of global development to achieve success in this regard.

Policies that support the creation and acceleration of enhanced capacities in the manufacturing sector and the management of the trajectory towards value-added growth must be carefully planned and merged with the imperatives of sustainability, particularly in the areas of food-agriculture, clean water, energy supply, sustainable infrastructure, and ancillary services. We must also prioritize affordable and inclusive healthcare, improved connectivity through suitable mass rapid transport (MRT), digitization of services, and affordable housing for the masses.

Addressing issues such as combating hunger and ensuring access to safe, nutritious, and sufficient food, developing sustainable food production systems, and implementing resilient agricultural practices are critical. Likewise, appropriate action must be taken towards reducing water pollution and minimizing the release of hazardous chemicals and materials into water resources to achieve access to clean water for all.

Furthermore, to ensure energy sustainability, the focus should be on increasing renewable energy in the global energy mix, improving energy efficiency through enhanced international cooperation, and investing in energy infrastructure and clean energy technologies through trans-boundary cooperation amongst different neighboring countries.

The WFEO Engineering 2030 plan has been developed to bring together the projects of its Standing Technical Committees, Members, and Partners to demonstrate the work of Engineers and the impact that it has on sustainable development. I believe that aligning the unique and specific environment and local conditions with sustainable development initiatives is critical, particularly in developing countries. The diversity of WFEO and its experiences can help survive in this world peacefully and safely. I am committed to contributing to the fulfillment of WFEO's overall objectives, particularly in the developing world, and I believe that WFEO, with its large footprint in the region, can be a catalyst in policy advocacy and developing models that incorporate shared ideas, innovations, and implementation strategies. Collaboration and cooperation involving stakeholders such as industry, national and local bodies, professional engineering bodies, and NGOs, among others, are vital.

It is my belief that with a genuine passion for sustainable development and a drive to create a positive impact, I have the potential to contribute significantly towards the achievement of WFEO's objectives. Working in close collaboration with fellow members and upholding the principles of sustainability, I am enthusiastic about making a meaningful and lasting difference towards the realization of WFEO's overarching goals.



NAVINCHANDRA B. VASOYA
Past President
The Institution of Engineers (India)

A Brief Profile of **Navinchandra B. Vasoya, B.E., FIE**



Navinchandra B Vasoya is a distinguished Chemical Engineering graduate from Gujarat University, India, who has established himself as a visionary entrepreneur and a seasoned professional with a wealth of experience across various industries. His strong entrepreneurial skills and foresight have led him to venture into diverse business verticals, including the manufacturing of edible oils, de-oiled cake, solvent refined oil, and dyes and intermediates, in addition to managing the solvent extraction plant, refinery, and oil mill. Mr Vasoya's exceptional acumen and expertise have enabled him to prepare end-to-end project reports for various manufacturing units, and as the Chairman of a group of companies involved in Consultancy, Project Management, Industrial and Engineering Projects, Construction of Public Infrastructure Projects, and Industrial Estate Development, he has delivered projects of national importance. He is a dynamic, result-driven leader with an outstanding track record in growth and customer development. As a Professional Engineer, Mr Vasoya has diversified rich experience, and his expertise spans across Business Development, High Value Project Execution, Team Development, Mentoring & Coaching, Industrial Management, Construction Management, Lead Generation, Forming Strategic Alliances, Financial & Operational Management, and Monitoring Compliances.

Navinchandra B Vasoya, an esteemed Fellow of The Institution of Engineers (India), has dedicated over two decades of service to this distinguished institution in various capacities. During his tenure, he was elected as Honorary Secretary for the Gujarat State Centre for the Session 2000-2002 and was subsequently elected as Chairman for the Session 2002-2004. His outstanding leadership abilities and commitment to the engineering profession propelled him to the position of National Vice-President during the Session 2011-12, and he was later elected as the National President of The Institution of Engineers (India) for the Session 2016-17, with a resounding majority. Throughout his extensive involvement with The Institution of Engineers (India), Mr. Vasoya has chaired numerous statutory and important boards and committees, further attesting to his remarkable leadership abilities. Currently, Mr. Vasoya continues to serve as the Past President of The Institution of Engineers (India), and his visionary approach has contributed significantly to enhancing the employability and continued professional development of Engineers. His unwavering dedication and commitment to the engineering profession has been widely acknowledged and appreciated.

Besides, Mr. Navinchandra B. Vasoya has established a significant presence at the international level. He has played an active role in the activities of the World Federation of Engineering Organizations (WFEO), having served as a member of the WFEO President's Special Advisors Committee in 2017 and as a member of the WFEO President's Advisors

Committee during the session 2017-2019. In addition, he is a member of the WFEO Standing Technical Committee on Information & Communication (WFEO-CIC) for the term 2019-2023, where he has contributed significantly to organizing international seminars both in India and other countries. Mr. Vasoya was elected as a National Member in the Executive Council of WFEO during the General Assembly held at Melbourne, Australia in 2019, and currently serves as an active member of the Governance Committee and WFEO President's Advisory Committee. He has attended four General Assemblies of WFEO. He is currently a member of the Executive Committee (Interim) of the Commonwealth Engineers' Council (CEC).

In 2017-18, Mr. Vasoya served as Chair of the Standing Technical Committee on Information and Communication Technology of the Federation of Engineering Institutions of Asia and the Pacific (FEIAP-ICT), where he organized various technical programs and seminars.

Moreover, Mr. Vasoya is a member of the Executive Committee of the Federation of Engineering Institutions of South and Central Asia (FEISCA) and the FEISCA representative to WFEO. He has successfully organized various FEISCA seminars in India and other member countries.

Mr. Vasoya also led the delegation of The Institution of Engineers (India) to International Engineering Alliance (IEA) Meetings held in Sydney, Australia (2012), Anchorage, Alaska, USA (2017), and London, UK (2018).

Mr. Navinchandra Vasoya is a distinguished member of several esteemed professional associations, including the International Council of Consultants as a Fellow, the Indian Institution of Technical Arbitrators as a Fellow, the Indian Society of Technical Education as a Life Member, the Gujarat Chamber of Commerce & Industries as a Member, and the Indo American Chamber of Commerce as a Member.

Notably, Mr. Vasoya is not only an accomplished professional, but also a socially engaged individual who is committed to rural development and promoting sustainable development. He has provided guidance to farmers on better water management, including rainwater harvesting, in order to revitalize sustainable development. Additionally, he has taken it upon himself to inspire and mentor high school students in the Saurashtra region of Gujarat State, India to choose technical education as a career path and contribute towards national development.

Mr. Vasoya's proficiency in English, Hindi, and Gujarati enables him to communicate effectively with diverse audiences. He has presented numerous papers at both National and International Seminars, and has traveled extensively across the globe to undertake various professional assignments. His extensive experience, exceptional expertise in various engineering disciplines, outstanding leadership skills, and strategic foresight have been consistently remarkable and inspiring. His unwavering dedication to the engineering profession, unwavering commitment to ongoing professional development, and active engagement in social development initiatives reflect his passion for sustainable development and societal advancement, making him an eminent figure in the engineering community.