

Dr.Walaa HUSSEIN CV



Dr.Walaa Hussein AbdAllah Mohamed	
Occupation	Assistant Professor of Economics
Major	Economics
Minor	Environmental Economics
Current position	Assistant Professor of Economics at INP
Previous positions	(Instructor-Assistant lecturer- Assistant Professor)(2007-2009-2016)
Academic Qualifications	• Ph.D in Economics at the Faculty of Economics and Political Sciences about "The comparative Advantage Of The Egyptian Agriculture Trade Patterns In The Light Of Relative Water Scarcity" ;Cairo University,Egypt,2016", with Excellent grade. • M.Sc. in Economics in the Faculty of Economics and Political Sciences (Feps) in "Virtual water and its impact on agricultural trade pattern in the light of limited water resources "; Cairo University, Egypt;2009. • Diploma in planning and development. The Institute of National Planning (INP) (June, 2008), with Excellent degree and ranking the first. The title of the Diploma project is "The Economic and Environmental impacts on water resources utilization in Egypt: case study the River Nile", with Excellent grade • B.S.c of Economics from, Cairo University (Feps) (May, 2006) with grade Very good with honor (89%). The graduation project is under the title "on European partnership" and with Very Good grade.
Major previous experiences	• Assistant Professor of Economics at The Planning and Environmental Development Center- Environmental Economics- Institute of National Planning. • Rapporteur of The Planning and Environmental Development Center. • Working as a Teaching assistant (Economics Lectures) in the INP's Diploma in planning and development and in different training courses.

	• Participating in the preparation of sustainability and carbon footprint reports 2022/2023 - National Planning Institute. • Coordinator of the Associate Scientific member's seminars - The Planning and Environmental Development Center - 2021/2022. • Member of the Arab Water Council, 2026. • Member of the ARID Scientific Platform, 2026. • Member of the Community Service Committee, National Institute of Planning, (2023/2024). • Member of the Training Committee, National Institute of Planning, (2024/2025–2025/2026). • Member of the Modelling Unit at Institute of National Planning 2021/2022. • Member of the Strategic Planning and Quality Assurance Committee at Planning and Environmental Development center. • Rapporteur of the Water Working Group under the “Egypt Post-2025” Project, National Institute of Planning, (2025/2026); a policy paper was prepared and submitted within this framework. • Make a presentation of the "Climate Change Report 2021" and also the "World Water Development Report 2020" under the title "Water and Climate Change", December 2020- INP. • Supervisor of the applied research (Professional Master's) of Mr. Ahmed Fawzy Morsi, entitled: “The Role of the Petroleum Sector in Reducing Carbon Emissions in Egypt: Opportunities and Challenges” (2025/2026). • Supervisor of the applied research (Professional Master's) of Ms. Reham El-Sayed Radwan, entitled: <i>The Impact of Green Innovation on Enhancing Environmental Performance</i> (2026/2027), INP. • Co-Supervisor of an Academic Master's thesis entitled: “The Impact of Climate Change on the Sustainability of Water Resources in Egypt, with a Focus on the El-Salam Canal Project” (2024/2025), INP. • Supervisor of the applied research (Professional Master's) of Ms. Yara Magdy Abu El-Azm, entitled: “The Role of Agricultural Drainage Water Reuse in Addressing the Impacts of Climate Change on Egypt's Water Sector: A Case Study of the Bahr El-Baqar Wastewater Treatment Plant” (2024/2025). • Supervision of paper in a professional master's program held by INP, under the title " Green economy's role in achieving sustainable development Egypt “, 2023/2024. • Supervision of paper in a professional master's program held by INP, under the title "Environmental pollution and its
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	impact on agricultural development in Egypt “, 2022/2023. • Participation as a trainer in training workshops "feasibility studies: preparation and evaluation of projects" Institute of National Planning - Cairo - Egypt - 2016. • Member of the Modelling Unit at Institute of National Planning 2021/2022. • Participate in Cairo Water Week 2022, under the title "Water at the Heart of Climate Action. • Participated in the preparation of a panel discussion titled “The Financing Gap for Water Sector Adaptation Amid the Global Economic Slowdown and the Future of Supporting Initiatives at COP28”, within the framework of Cairo Water Week, October 2023. • Prepare a poster in cooperation with Dr. Abdelaziz Ibrahim under the title “The Impact of Animal Agriculture on Water and Climate Change” as part of the competition presented by Environmental Planning and Development center at Institute of National Planning in preparation for COP 27-2022. • participated in the seminar that hold in INP with a paper under the title “water resources in Egypt: the current and prospective), 2008.
Training	Attending different training courses as follows: • “Applications of Artificial Intelligence in Education and Scientific Research”, held from 16–17 February 2026 at the Faculty and Leadership Development Center, Cairo University. • “International Publishing of Scientific Research”, held from 14–15 February 2026 at the Faculty and Leadership Development Center, Cairo University. • “Leveraging Digital Data–Driven Tools for Enhanced Policy Planning”, February 2026, organized by the North Africa Applied Systems Analysis Center (NAASAC), National Institute of Planning. • “Integrated Sustainable Development Goals (ISDG) Model Using System Dynamics”, held from 4 to 29 March 2024 at the National Institute of Planning. • Environmental Impact Assessment" from 17 to 18 December 2023, held by Academy of Scientific Research & Technology and INP. • Attending the lecture series of the Arab initiative to introduce the carbon market and certificates organized by the Egyptian Environment Eye Association, 2023. • "The Use of Modeling in Drawing and Analyzing Economic Policies" from 9 to 13 October 2022, held by the Modeling Unit and presented by the Arab Planning Institute. • "Investment Assessment Approaches for Productive and

	Service Enterprises (Revenue and Cost Analysis & Cost Effectiveness Analysis", October 2022, presented by USAID. • "Integrated Solid waste management and its Role in Climate Change mitigation ", held by INP, July 2022. • "Environment, Sustainable Development and Environmental Impact Assessment", 11-13 January 2021, implemented by the Arab Planning Institute in Kuwait. • "Training fundamentals" held by the Arab Planning Institute from 15 to 17 March 2021. • "Strategic Environmental Planning", held at the Sabah al-Ahmad Environmental Training Centre of the Kuwaiti Society for Environmental Protection. • Selecting Journals for publishing Using Scopus: CS Quartiles & More held by Elsevier; 27 January 2021. • Attend a training course in the Nile water sector on the development of mathematical models and the operation of databases on the topics of water resources shared with the Nile Basin countries, 2010. • Attending some training courses offered by the Egyptian Knowledge Bank.
Scientific Seminars and Conferences	Attending different scientific seminars and conferences as follows: • a seminar organized by the Macroeconomic Policy Center entitled "The System of National Accounts in Egypt: Future Development Prospects and Challenges", 15 February 2026, National Institute of Planning. • the International Scientific Conference "Knowledge Integration Across Disciplines", organized by the Faculty of Arts and Humanities, ARID International University for Graduate Studies, 12–13 February 2026. • the International Forum Post–Climate Conference (COP30), organized by Abu Dhabi Environment Network in cooperation with ARID Scientific Platform, under the patronage of ARID International University for Graduate Studies, 13–14 December 2025. • the Arab Environment Forum 2025 under the theme "Circular Economy and Climate Justice in Addressing Plastic Pollution", organized by Abu Dhabi Environment Network in cooperation with ARID Scientific Platform, 14 October 2025. • the International Conference of the National Institute of Planning entitled "Health and Sustainable Development", 24–25 June 2024. • the virtual scientific seminar "Preparing Feasibility Studies for Green Projects", held within the framework of the Arab Initiative on Green Hydrogen and Green Projects, organized by Egyptian Environment Eye Association in cooperation with Abu Dhabi Environment Network, 31 October 2024. • the scientific conference "Climate Challenges in the Arab

	Region", organized by Egyptian Environment Eye Association on the occasion of Arab Environment Day 2024, 14 October 2024. • the International Conference of the National Institute of Planning entitled "Governance and Sustainable Development", 3–4 June 2023. • Cairo Water Week under the theme "Water at the Heart of Climate Action", October 2022 (including selected sessions of the Fifth Cairo Water Week). • Participated in attending the United Nations Water Conference 2023 – Virtual Side Event entitled "Historical Rights in International Rivers." • the International Conference of the National Institute of Planning entitled "Climate Change and Sustainable Development", 26–27 March 2022. • a seminar entitled "Financing the Transition to a Green Economy in Developing Countries", October 2022. • Attended the Institute's side event during the 27th session of the Conference of the Parties (COP27) entitled "Green GDP", November 2022. • a seminar entitled "Livestock and Climate Change: Carbon and Water Footprints", November 2022. • Attended a seminar entitled "The Environmental Dimension in Sustainable Development Indicators: The Ecological Footprint Index", February 2022. • seminar entitled "Climate-Smart Value Chains and Sustainable Development Dimensions", November 2021. • selected sessions of the Fourth Cairo Water Week under the theme "Water, Population and Global Changes", October 2021. • World Water Day celebrations organized by the Arab Planning Institute and the Kuwait Water Association, 22 March 2021. • World Water Day celebration entitled "Valuing Groundwater", hosted by the United Arab Emirates, 22 March 2021. • the Arab Water Day and World Water Day celebration organized by the Arab Water Council, 7 April 2021. • selected sessions of the Annual International Conference of the National Institute of Planning on "Digital Economy and Sustainable Development", 3–4 April 2021 (via Zoom). • a session entitled "Sustainable Development and Egypt Vision 2030", organized by the National Institute for Governance and Sustainable Development, February 2021 (via Zoom). • the Environmental Cultural Salon on the occasion of National Environment Day 2021 under the theme "Green
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	Recovery: The Road Beyond COVID-19", 26 January 2021. • a panel discussion organized by the Arab Society for Economic Research entitled "Matching Theory and Auction Theory: Nobel Prize 2020", 27 January 2021 (via Zoom). • a panel discussion organized by the Arab Society for Economic Research entitled "The Arab Economy After Oil", 20 February 2021 (via Zoom). • sessions of the Annual International Conference of the National Institute of Planning on "Energy and Sustainable Development", 21–22 November 2020 (via Zoom). • a seminar organized by the Macroeconomic Policy Center entitled "Green Bonds as a Financing Instrument: Opportunities and Risks in the Egyptian Context", 21 December 2020.
Areas of interest	Environmental Economics, Economics of Water Resources , international trade, Climate Change
Researches	Participated in the following researches: • Abdallah, W. H., Ibrahiem, D. M., Houssam, N., & Esily, R. R. (2025). Enhancing Energy Transition in Egypt: The Roles of Water Resources and Digitalization. Utilities Policy, 97, 102073. (Q1, Web of Science) • Walaa Hussein, Abdullah, Mohamed El-Soghayar, Karima, Hassan, Mohamed Hassanein Abdelrahman. (2026). The Impact of Cryptocurrencies on the Global Environment (2010–2023): The Case of Bitcoin. Business Research Journal, 3(1), 860 • Walaa Hussein & AdelAziz Ibrahim, "The Water- Energy - Food -Climate Nexus in Egypt", Journal of Environmental Sciences ", vol. 51 - No. 6, Faculty of Graduate Studies and Environmental Research, Ain Shams University, 2022. • Walaa Hussein & AdelAziz Ibrahim, "Environmental Impact of livestock Production on Climate Change and Water Adaptation and Mitigation Measures, ", Egyptian Journal of Agricultural Economics, Volume 33 - No. 4, Dec,2023, Cairo. • Walaa Hussein Abdallah, & AbdelAziz Ibrahim. (2020). Water-Food-Energy-Climate Nexus in Egypt within the Context of Sustainable Development. Arab Water Council Journal, 11(2). • Co-researcher in the collective study: "The Impact of the EU Carbon Emission Reduction Mechanism on Egyptian Exports: An Applied Study on the Fertilizer Sector", INP,2026. • Co-researcher in the collective study: "Environmental, Social, and Governance (ESG) Metrics and Their Role in Promoting Sustainable Development: A Comparative Study Between Egypt and BRICS Countries," National Institute of Planning, 2026. • Co-researcher in the collective study: "Policies and

	Implementation Mechanisms for Improving Food Security under Water Scarcity and Climate Change in Egypt,” National Institute of Planning, 2025. • Co-researcher in the collective study: “A Proposed Vision for the Carbon Market in Egypt,” Academic Year 2023/2024, INP • Nafisa Abou El Seoud et al. (2017), "Integrated Solid Waste Management and its Role in Supporting the Egyptian Economy", Planning and Development Issues Series No. (276), National Planning Institute, Cairo. • Khadija El-Aasar, Walaa Hussein (2016), "Water Footprint and its Impact on Foreign Trade of Egyptian Agricultural Commodities", Egyptian Journal of Agricultural Economics, Volume 26, Agricultural Club, Cairo. • Khadija El-Aasar, Walaa Hussein (2016), "The Comparative Advantage of Egyptian Agricultural Food Trade in the Light of Relative Scarcity of Water Resources", Egyptian Journal of Agricultural Economics, Agricultural Club, Volume 26, Cairo. • Nafisa Abou El Seoud et al. (2017), "Integrated Solid Waste Management and its Role in Supporting the Egyptian Economy", Planning and Development Issues Series No. (276), National Planning Institute, Cairo. • Nagwan Saad El-Din et al. (2009), "Future Agricultural Policies of Egypt in the Light of Local and Regional Variables", Planning and Development Issues Series No. (214), National Planning Institute, Cairo. • Moharram El-Haddad et al. (2009), Early Warning Systems, Preparedness and Prevention to face some different economic and social crises, Planning and Development Issues Series No. 217, Institute of National Planning, Cairo. • Abdel Shafie et al. (2009), "Some imbalances in the Egyptian economic system", Institute of National Planning, • Abdelkader Diab et al. (2009), "Priorities of Crop Water Consumption Cultivation and Policies and Tools for their Implementation", Planning and Development Issues Series No. 213, National Planning Institute, Cairo. • Hossam Nagaty, Walaa Hussein (2008), Economic and Environmental Impacts on Water Resources Uses in Egypt, Institute of National Planning, Cairo. • Fadia Abdelsalam et al. (2008), “Development Experiences in South Korea, Malaysia and China, Strategies and Policies - Lessons Learned”, Planning and Development Issues Series No. 211, National Planning Institute, Cairo • Participated in the Egyptian Economy performance report. INP, 2008/ 2009.
E-mail	Walaa.hussein @inp.edu.eg Walaahussein10@yahoo.com