

## C.V

### Dr/ Muhammad Mansour Ahmed Muhammad

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#### Summary:

A highly accomplished interdisciplinary researcher with a recently completed Ph.D. in Sociology (July 2025, First Class Honors), specializing in Population Sociology, Development, Social Problems, and Environmental Sociology. Leveraging over 20 years of hands-on experience in meteorological observation and data analysis, I possess a unique scientific foundation to investigate the complex social dimensions of climate change impacts. My strong academic background in social sciences, coupled with published research and extensive experience in academic consulting and research support, positions me as a dedicated scholar eager to contribute to research at the intersection of environmental science and social studies.

#### Education:

- 1) Ph.D. in Sociology, Ain Shams University, Cairo, Egypt (July 2025)  
Specialization: Population Sociology, Development, Social Problems, Environmental Sociology. Grade: With First Class Honors (A-). Dissertation: "The Reflections of Climate Change on Violent Practices in Egyptian Society – A Sociological Study"
- 2) Master of Arts in Sociology, Ain Shams University, Cairo, Egypt (April 2022). Grade: Very Good (B+). Thesis: "The Implications of Climate Change on the Egyptian Personality and its Relation to Sustainable Development- A Sociological Study"
- 3) Graduate Diploma in Social Development, Ain Shams University, Cairo, Egypt (June 2018). Grade: Excellent (A)
- 4) Bachelor of Arts in Social Development and Planning, Ain Shams University, Cairo, Egypt (June 2017). Grade: Very Good (B+)

## **Experience:**

### **1) Weather Radar Operation Supervisor, Egyptian Meteorological Authority, 2022 – Present:**

- a)** Led and supervised operations of advanced meteorological radar systems, ensuring high-fidelity data collection crucial for climate analysis and forecasting research.
- b)** Analyzed and interpreted vast datasets from diverse meteorological instruments, including radar, synoptic, upper air, pollution, radiation, and ozone data, to support comprehensive environmental and socio-environmental studies.
- c)** Produced and disseminated comprehensive weather and climate reports, effectively communicating critical information to diverse stakeholders and informing interdisciplinary research initiatives.
- d)** Managed data quality control processes and implemented operational protocols to enhance the reliability and integrity of meteorological information for analytical applications.

### **2) Senior Weather Observer, Egyptian Meteorological Authority, 2016 – 2022:**

- a)** Conducted in-depth analysis and interpretation of diverse meteorological datasets (synoptic, upper air, pollution, radiation, ozone data), identifying significant environmental trends and anomalies.
- b)** Authored detailed analytical reports summarizing meteorological findings, providing critical data interpretation for various stakeholders and contributing to broader environmental understanding.
- c)** Communicated complex weather information and insights to relevant audiences, supporting operational planning and potential research collaborations.
- d)** Utilized specialized meteorological software and analytical tools for data processing, visualization, and preliminary interpretation of complex atmospheric phenomena.

**3) Meteorological Observer, Egyptian Meteorological Authority, 2004 – 2016:**

- a) Collected, processed, and validated extensive meteorological data from various instruments, ensuring accuracy and completeness for long-term climate records and scientific analysis.
- b) Developed foundational expertise in understanding the dynamics of atmospheric variables, providing a robust scientific basis for interdisciplinary research into climate impacts.
- c) Contributed to the initial interpretation of daily weather patterns and atmospheric conditions.

**Skills:**

**1) Interdisciplinary Research & Analytical Expertise:**

- a) Strong analytical and research skills, with extensive experience conducting sociological studies (quantitative, qualitative, and mixed methods).
- b) Proficient in analyzing and interpreting diverse types of meteorological and environmental data (e.g., synoptic, upper air, pollution, radiation, ozone, radar data), leveraging this expertise for socio-environmental research.
- c) Specialized knowledge in Population Sociology, Development, Social Problems, and Environmental Sociology, with a focus on climate change and its effects on public health.
- d) Proficient in statistical software (SPSS, Excel) for advanced data analysis and modeling.

**2) Communication & Collaboration:**

- a) Excellent communication skills (written and verbal) for academic writing, presentations, and interdisciplinary collaboration.
- b) Fluent in English (British Council Speaking Test Grade B+; TELP Score 550).
- c) Extensive experience in academic consulting and providing research feedback, demonstrating critical evaluation and constructive guidance.

**3) Technical & Digital Literacy:**

- a) Proficient in Management Information Systems and ICDL certified.

## **Publications:**

### **1) In Arabic (English Translation of Title):**

- a) "Social Reflections of Climate on the Egyptian Personality - A Sociological Vision", Annals of the Faculty of Arts, Ain Shams University, 2022.

الانعكاسات الاجتماعية للتغيرات المناخية على الشخصية المصرية، رؤية سوسيولوجية،  
حوليات كلية الآداب، جامعة عين شمس، ٢٠٢٢م.

- b) "Parents' Attitudes Towards Their Children Watching Violence Presented in Some Media - A Sociological Study", Annals of the Faculty of Arts, Ain Shams University, 2025.

اتجاهات أولياء الأمور نحو مشاهدة أطفالهم للعنف المعروض في بعض وسائل الإعلام،  
دراسة سوسيولوجية، حوليات كلية الآداب، جامعة عين شمس، ٢٠٢٥م.

## **Research Projects & Presentations:**

- 1) **Supervisor:** The socioeconomic impacts of climate change as a determinant of health. Presented at COP 27, 2022. (Research Project in cooperation with UNESCO, WHO, and Ain Shams University).

### **2) Academic Consulting & Research Support:**

**Independent Academic Reviewer & Editor Provided** comprehensive review and editorial feedback on over 20 academic theses, dissertations, and graduation research projects for students from various universities in Saudi Arabia, Egypt, and Morocco (2023-2025). This involved critical evaluation of research methodology, data analysis, argumentation, and academic writing across diverse topics **including:**

- a) Environmental Sociology & Climate Change Impacts.
- b) Population Sociology & Social Development.
- c) Public Administration & Governance.
- d) Media Studies & Social Media Analysis.
- e) Applied Sociology & Social Problems.

**Selected examples** of freelance review services to students/less formal publications include:

- a) "A Comprehensive Overview of Renewable and Nonrenewable Hydrogen Production" (Oman, 2023).

- b) "Assessment of the impact of video games dimensions on brand love, guidelines for gaming industry" (Arab Journal of Science & Research publishing (AJSRP), 2024).
- c) PhD Thesis: "Developing a Mechanism for Evaluating Government Programs and Projects to Increase Spending Efficiency in the Kingdom of Saudi Arabia, A Proposed Concept" (King Saud University, 2025).
- d) PhD Thesis: "Human Security for Orphan Care in Civil Society Organizations, Insan Association as a Model" (Imam Muhammad ibn Saud Islamic University, 2025).
- e) Professional Doctoral Thesis: "The extent to which healthcare facility leaders in the Kingdom of Saudi Arabia adopt the principle of focusing on beneficiaries..." (Cairo University, 2025).
- f) Research: "Potential Impacts of Climate Change Based on the CMIP6 Model" (Saudi Arabia, 2023).
- g) Master's Thesis: "The Stereotypical Image of Women in Egyptian Drama on Netflix" (Türkiye, 2024).
- h) PhD Thesis: "Role Sharing within the Home for Working Couples and Its Impact on Marital Compatibility..." (Morocco, 2023).
- i) Guide: "Development Work Fundamentals Guide" (Saudi Arabia, 2024).

### **Certifications and Professional Development:**

#### **Research & Academic Skills:**

- 1) International Publishing in Humanities and Social Sciences Course.
- 2) Scientific Writing in Humanities and Social Sciences Course.

#### **Interdisciplinary & Domain Expertise:**

- 1) Harvard School of Public Health Course on Climate Change Effects on Public Health.
- 2) Advanced Training in Meteorological Data Collection & Analysis (covering Upper Air, Air Pollution, Radiation, Ozone Observation, and Radar Theory).

**Language & Communication Proficiency:**

- 1) The Test of English Language Proficiency (TELP) Equivalent of (TOEFL), Ain Shams University, Score (550).
- 2) English Speaking Course, British Council, Cairo, Egypt, Grade (B+).

**Technical & Digital Skills:**

- 1) Fundamentals of Digital Transformation Certificate, NITC Ain Shams University.
- 2) ICDL Certificate.
- 3) Management Information Systems Course.

**References:** Available upon request.

D.R. Muhammad Mansour.