

Prof. Dr. Sahar El-Bahai

Professor of Agricultural Economics
Director of the Environmental Planning and Development Center
Institute of National Planning (INP)

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Academic Qualification

PhD in Agricultural Sciences (Agricultural Economics)
Alexandria University – 2004

Academic Career Progression

- **Assistant Lecturer (Agricultural Economics)** – Institute of National Planning – 30/1/2001
- **Lecturer (Agricultural Economics)** – Institute of National Planning – 12/7/2004
- **Associate Professor (Agricultural Economics)** – Institute of National Planning – 17/11/2009
- **Professor of Agricultural Economics** – Institute of National Planning – 5/3/2019

Leadership Positions

- **Acting Director**, Environmental Planning and Development Center – Institute of National Planning
28/10/2018 – 31/7/2022
(Also supervising the Natural Resources Management Department during the same period)
- **Acting Director**, Agricultural Planning and Development Center – Institute of National Planning
1/8/2022 – 31/7/2024
- **Acting Director**, Environmental Planning and Development Center – Institute of National Planning
1/8/2024 – Present
(Also supervising the Environmental Economics and Environmental Accounting Departments)

Teaching Experience

- Instructor of **Sustainable Development Planning** – Institute of National Planning
- Instructor of **Environmental Planning** – Institute of National Planning
- Instructor of **Natural Resources and Environmental Management** – Institute of National Planning
- Instructor of **Research Methodology Fundamentals** – Institute of National Planning
- Teaching in **Feasibility Studies and Project Planning Programs (2004–2010)**
- Teaching in the **Institute Diploma Programs** at the Investment Studies and Environmental Studies Centers
- Teaching at **Ain Shams University – Institute of Environmental Studies (2008–2010)**
- Teaching the **Environmental Impact Assessment Feasibility Program (2010)**

Professional Experience

Economic Expert

General Secretariat of the Supreme Council for Planning and Development – **State of Kuwait (2011–2016)**

Responsibilities included:

- Participating in the preparation of **annual plans and national development plans**
- Preparing **development plan monitoring reports**
- Analyzing **policy impacts on the environment and society**
- Preparing **Voluntary National Reports** on progress toward the **Millennium Development Goals (MDGs)**
- Preparing **Voluntary National Reports** on progress toward the **Sustainable Development Goals (SDGs)**
- Preparing **development plan achievement reports** for government entities and ministries
- Monitoring implementation of development plans in Kuwait

Director – Environmental Planning and Development Center (2018–2022)

Responsibilities included:

- Participating in developing the **Institute's strategic plans (2018–2022)**
- Preparing **executive plans for the Environmental Planning and Development Center**
- Designing **training programs on pollution, climate change, sustainable development, and environmental challenges**
- Participating in **self-assessment studies for INP submitted to NAQAAE**
- Preparing **annual reports on the achievements of the Institute of National Planning**

Director – Agricultural Planning and Development Center (2022–2024)

Responsibilities included:

- Participating in developing the **Institute's strategic plans (2022–2024)**
- Preparing **executive plans for the Agricultural Planning and Development Center**
- Conducting **awareness workshops on climate change impacts on agriculture**
- Designing **training programs to advance the agricultural sector**
- Participating in **agricultural and economic studies**
- Preparing **reports and monitoring the performance of the center's plan**

Director – Environmental Planning and Development Center (2024–Present)

Responsibilities include:

- Participating in developing the **Institute's strategic plans (2024–2025)**
- Preparing **executive plans for the Environmental Planning and Development Center**
- Conducting **environmental awareness workshops on pollution, climate change, and sustainable development**
- Preparing **strategies to mitigate pollution and climate change impacts**
- Participating in **environmental and economic studies (Egypt and Kuwait)**
- Preparing reports and monitoring studies related to:
 - **climate change**

- natural resource management
- renewable energy utilization

Additional Expertise

She has extensive experience in:

- Preparing **green planning strategies**
- **Carbon footprint accounting**
- Strategic plans for **pollution mitigation**
- Analyzing **climate change impacts on natural resources, agriculture, water, and energy sectors**

She also has expertise in:

- Designing **climate adaptation programs**
- Developing **carbon emission mitigation plans**
- **Climate risk management**
- Strengthening **national and regional capacity** to address environmental, social, and economic climate impacts

She has extensive experience in designing **awareness and training programs for companies and government institutions** to promote sustainable practices and integrate **Sustainable Development Goals (SDGs)** and climate mitigation/adaptation into national and regional plans.

She also contributed to **training members of the Egyptian Parliament (2021–2022)**.

Memberships and Awards

- Member of the **Board of Directors – Institute of National Planning (2018–Present)**
- Member of the **Scientific Coordination Council – Institute of National Planning (2018–Present)**
- Member of the **Egyptian Cooperative Society for Sustainable Development**
- Member of the **Egyptian Agricultural Economists Association**
- Recipient of the **Scientific Excellence Award – Institute of National Planning (2018)**
- Certificates of appreciation from the **Supreme Council for Planning and Development – Kuwait**
- Certificate of appreciation for efforts in **environmental protection – April 2010**

- Certificate of appreciation for participation in the conference
“**Agricultural Development Strategy and Food Security Challenges**” – Alexandria University (July 2010)
- Certificates for participation in the conference
“**Egyptian Food Security and Future Challenges**” – Alexandria University (2008)

Projects, Workshops, and Training Programs

- Conducted numerous **scientific studies, reports, and policy papers** in the fields of environment, agriculture, and development planning
- Studies on **climate change impacts on agriculture and natural resources**
- Developed strategies for **clean and sustainable energy**, including **solar energy and green hydrogen**

Conducted workshops and training programs on topics including:

- Climate change and biodiversity
- Pollution and agricultural waste management
- Integrating environmental dimensions into sustainable development plans
- Carbon emissions and global warming
- Green economy and sustainable energy transition
- Green hydrogen production and policies
- Climate change mitigation and adaptation strategies
- Circular economy and waste recycling
- Climate finance and sustainable investment
- Smart cities and climate-resilient infrastructure
- Climate policy and environmental performance indicators
- Sustainable transportation and energy efficiency
- Food security and climate change
- Sustainable agricultural development and waste management
- Sustainable Development Goals (SDGs)

Research Supervision

- Supervised numerous **academic master’s theses**
- Supervised numerous **professional master’s theses**

Leadership and Management Skills

- Leading multidisciplinary **research teams and projects in climate and environmental fields**
- Strategic planning for **national and regional climate initiatives**
- Academic supervision of **graduate theses in climate change and sustainability**
- Designing **training programs and workshops**

Analytical and Strategic Skills

- Environmental risk assessment and its economic and social impacts
- Designing **carbon emission reduction strategies**
- Developing **economic and environmental models** for sustainable decision-making
- Integrating economic and social dimensions into climate response plans
- Preparing **sustainable development and environmental plans**
- Environmental reporting and studies
- Environmental training and awareness
- Strategic planning and **SDG integration**
- Developing **green finance and sustainable economy strategies**

Training Courses Attended

- Intro to Computer & Windows – 2001
- Microsoft Excel – 2006
- Structural Reform Policies and Evaluation – Information and Decision Support Center, Cabinet of Ministers (2006)
- WTO Negotiations on Agriculture and Regional Trade Agreements – 2005
- Marketing Extension Training – Agricultural Economics Research Institute (1997)
- Land and Water Use Economics – Agricultural Economics Research Institute (1998)
- Applied Agricultural Foreign Trade Program – Level 1 (1999)
- Applied Agricultural Foreign Trade Program – Level 2 (2000)
- Internal Marketing Training – Agricultural Economics Research Institute (1999)