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GENERAL

Nationality: Egyptian.

Present Position: professor (Consultant), Center of Environmental planning and Development, Institute of National Planning, Salah Salem Street, Nasr City, Cairo, Egypt.

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EDUCATION

1990	Ph.D in Environmental Science, Environmental Engineering Department, Institute of Environmental Research and Studies, Ein Shams University.
1984	Master Degree in Environmental Health, High Institute of Public Health, Alexandria University
1968	Bachelor Degree in Engineering, Chemical Engineering Department, Faculty of engineering, Cairo University

PROFESSIONAL EXPERIENCE

March 1969	Planning Specialist, Data processing, El Nasr Company for Coke and Chemicals, El Tebbin, Helwan, Egypt.	
– Feb 1976	and Chemicals, El Teobin, Herwan, Egypt.	
1976 – June	Computer programmer in the Biomedical Engineering Department,	
1977	Virginia University U.S.A.	
March 1979	Research assistant, Institute of National planning (INP), social and	
-March 1984	Cultural planning Center	
March 1984 –	Researcher at Institute of National planning (INP), social and	
October 1990	Cultural planning Center	
October 1990 -	Expert, at Institute of National planning (INP), social and Cultural	
October 1995	planning Center	

October 1995 -	Ass. Prof. (Senior Expert), INP, social and Cultural planning Center
October 2000	:

Preparation of a research study on :The Environmental Impact Assessment studies for projects :definitions, concepts and aspects 1996

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October 2000 -	Professor (Consultant), INP, Center of Environmental studies and
August 2004	Management of Natural Resources.
August 2004 -	Director of the "Center of Environmental studies and Management
June 2006	of Natural Resources", INP.
Since June	Professor(Consultant), Center of Environmental Studies and
2006 4:11	
2006 till now	Management of Natural Resources, INP

RESEARCH INTEREST AREAS:

- Environmental planning.
- Environmental impact Assessment of the projects (EIA)
- Sustainable development.
- Integrated Environment management.

CONSULTATION

- 1 Short term consultant for the local Development project, KEMONICS, US AID "planning and Evaluation of Basic Services" 1991 / 1992.
- 2 Representative of The Egyptian Environmental Affairs Agency in "UNITAR Meeting and PRTR workshop" in Geneva, and Basel, Jan 1995.
- 3 Member, of the Supreme Consultation Committee for preparation of the Master Plan of drinking water and sanitary drainage sector," Ministry of Housing, Utilities and New Communities, Aug. 1995.
- 4 –Short term Consultant for the Egyptian Environmental Affairs Agency (EEAA) for Environmental Management(1996-1999):
 - Environmental Impact Assessment Studies
 - Solid And Hazardous Waste Management.
- 5- Short term Consultant for the Human Development Report of Egypt, "Environmental Issues", UNDP, 1991-1992, 1996-1997.

- 6 Short term consultant for the Egyptian Environmental Affairs Agency (EEAA) to prepare the framework of the National Master Plan for Solid Waste management in Egypt, 1995 –1996
- 7 Short term Consult for CEDARE (Center of Environmental Development for Arab Region and Europe) for the preparation of Solid Waste Study in Alexandria, 1996-1997.
- 8 International Expert for UNEP ROW to prepare "the National strategy of hazardous waste management in Yemen" 2002 2003.
- 9 International Expert for MED POL program UNEP/MAP to Modify the "Regional plan for Management of Hazardous Waste in the Mediterranean Region" October 2003.
- 10- Regional Expert for the league of Arab Countries(to Participate and Present Regional Papers in the Workshops of:
 - Management of Hazardous Substance and waste , Kuwait, November 2004
 - Management of Electronic Wastes, Cairo 2005
 - Environmental management tools, Bahrain, 2007"
- 11-Representative of the Ministry Of Planning in the Supreme National Committee of Sustainable Development in Egypt
- 12- Consultant for EEAA :Preparation of National Strategy of Sustainable Development ,Solid Waste Issues and Planning Issues
- 13- Short term consultant for Arab Forum for Development(AFD) to prepare chapter on solid waste management in Arab Countries
- 14- Short term consultant for IDC(International Development Center)to participate in a Health Care Project, Environmental Health Component
- 15- Expert for the Ministry of Justice in the field of HAZARDOUS SUBSTANCES

RESEARCH EXPERIENCE

- 1- Preparing a research study on :Environmental Impact Assessment studies ,definitions, main Aspects and legal considerations, INP
- 2- Preparing a research study on :An Integrated Comprehensive Plan for Management of all types of Solid Waste in Egypt, INP
- 3- Principal Investigator of the following studies in the INP:
 - -Updating The National Environmental Action Plan NEAP of Egypt (in collaboration with Environmental Affairs Agency EEAA) 2005/2006
 - Studying the Environmental Budgets of the Different Egyptian Ministries (in collaboration with Environmental Affairs Agency EEAA) 2005/2006.
 - 4-Principle Investigator for a research study on: A Proposed National Strategy for Integrated Management of Hazardous Wastes in Egypt (INP).
 - 5- Principle Investigator for a research study on: Towards applying environmental

- management system (ISO 14000) on the Institute of National planning, as a model of Governmental Institutes.
- 6- Principle Investigator for a research:" Decentralization of Environmental Management in Egypt as an approach to face some of the environmental issues in Egypt.
- 7-The Environmental Criteria and the Competitiveness of industries in Egypt", a research paper prepared for the INP Annual Conference.
- 8- Participate in the Study of : Environmental Aspects and Egyptian Exports ; Case study on Textile Industry, INP
- 9-Team member: Nile Basin Initiative (Sustainable development and Benefits sharing),INP.
- 10-Team Member: Periodic Report of the INP on" the National Economy of EGYPT," Chapter on: Environmental Investments'.
- 11- Preparation and Implementation of Seminar in CLIMATE CHANGES: "Present Situation and Future Vision", INP.
- 12-Participate in the research: "Interaction of water, climate, humans in Egypt to restructuring sustainable economy", INP
- 13- Participate in the research: "The Egyptian African cooperation in the field of Leasing Lands and Food Industrialization", INP
- 14- Participate in the research:" A framework of a future vision for utilization of new and renewable energy resources in Egypt", INP.
- 15-Participate in the research:" The role of green economy in sustainable development", INP.
- 16- Participate in the research: "Environmental degradation in Egypt, A guideline to estimate the cost of environmental damage, Egyptian North lakes as an example", INP.
- 17- Participate in the research:" Needs of facing the possible dangerous in Egypt because of world climate change", INP.
- 18- Participate in the research:" Environmental standards and competitive capacity of Egyptian exports", INP.
- 19- Participate in the research: "Assessment and improving the performance of the sector of potable water and sewage sanitation in Egypt", INP.
- 20- Participate in the research: "Identifying needs of the two sectors of: "sewage" and

- "roads and bridges" to face the slums. INP
- 21- Principle Investigator, "Sustainability of Natural Resources and The Millennium Goals", INP
- 22-Participate in the reports of Egyptian economy (prepared by the Institute of National Planning INP), The relevant parts of Environmental Issues.
- 23-Participate in the report of evaluating the Millennium goals, Environmental Sustainability Issues (aim 7).
- 24- Principle Investigator or a research:"Integrated Management of Solid Waste and its role in supporting the Egyptian Economy", INP
- 25- Principle Investigator or a research: "Decentralization of Environmental Management in Egypt and means of Strengthening", INP

TEACHING AND RELATED EXPERIENCE

- **1-Preparing the Teaching materials and** teaching the following post graduate Courses(Diploma in Planning and Development) in the Institute of national planning :-
 - Planning of Some Environmentally related services, (water, waste water, solid and hazardous waste).
 - Environmental impact Assessment of Projects.
- **2-Teaching:** "planning of services for environmental protection" at The Institute of Environmental Studies and, Research Ain shams University.
- **3-Preparing and Teaching** a course on "Environment and Population" for the fulfillment of Master Degree in the Cairo Demographic Center, INP (in English).
- **4-Preparing the teaching materials and Teaching** The Post Graduate course:" Environment and Natural Resources Management" for the Master Degree in Planning, Institute Of National Planning, since 2008 till 2016.
- **5-Supervision of M.Sc and PH.D** in different Environmental Issues in the Institute of Environmental Studies and Research, Ain shams University.
- **6- Supervision** Of more than 40 Thesis for the fulfillment of Diploma and Academic Master degree in planning and Development, Institute of National Planning (INP), Environmentally related issues.
- **7-Updating** the teaching materials for The Post Graduate course:" Environment and Natural Resources Management. For the Academic Master Degree in Planning and Development, INP
- **8-Preparing** a teaching Book on: "Environmental Planning" For the Professional Master Degree in Planning and Development, INP.

TRINING ANG RELATED ISSUES

- **1- Organization and Implementation of Training Workshops** all over the Egyptian governorates and for the different ministries and private Sector in:-
- Planning of Environmental protection Activities (Solid and hazardous Waste Management, Water Management).
- Environmental Impact Assessment for project.
- Environmental Management System and ISO 14000 series
- Environmental component in the planning process
- **2-** Organization & presentation of a Training program in Environmental Management System and ISO 14000 ", Center of International Development (IDC) and the Institute of National Planning, Suez, Egypt.
- 3- Preparing and providing a training lecture on the "Environmental and social issues in planning of the Water Sector in Egypt", in cooperation with the National Authority for potable water and sanitation).
- 4- In cooperation with the Egyptian Environmental Affairs Agency (EEAA): Preparing, supervising and participating in providing short-term training programs on: Sustainable Development; Strategy, Implementation and Tools.
- 5- In cooperation with the Egyptian Environmental Affairs Agency (EEAA): Preparing, supervising and participating in providing short-term training programs on: Integrating the Environmental dimension in the Sustainable Development plans
- 6- Preparing a "Training Package" on : Integrating the Environmental dimension in the Sustainable Development plans.

	the Sustainable Development plans.
Membership in	Member in the following committee:
the Scientific	1-The scientific committee (2005-2006)
and Technical	2-Post-Studies committee (2006-2007)
Committee in	3-Conventions-Committee (2009-2010)
the Institute of	4-Promotion –Committee (2016 till now)
National	5-Research-Activities Committee (till now)
Planning:	
Other	1-Assigned the following position:
Experiences:	 General Director of "Hazardous Substances and Waste-Department" in addition to the" Solid waste department" at the Egyptian Environmental Affairs Agency (EEAA) Director of the Center of "Environmental studies and Management of Natural Resources" at The Institute of National Planning. 2-Representative and focal point of EEAA in the following international Conventions and events: Basel Convention, for Tran boundary movement of Hazardous waste and its disposal. Stockholm Convention for Persistent Organic Pollutants (POP S). Intergovernmental Forum for chemical Safety (IFCS).

- 3-Participate and coordinate work on the preparation of the National Lists for Hazardous substances and Hazardous waste of the different sectors in Egypt ,EEAA
- 4 -Preparation of the framework of the National Strategy of Hazardous waste Management in Egypt, EEAA.
- 5-Egyptian Counterpart in the following projects and programs:-
- a- Integrated management of Health Care Waste in Cairo University- Hospitals and preparation of the National Strategy of Health Care Waste Management in Egypt, EEAA, DANIDA project.
 - b- Egyptian Environmental Policy Program, USAID:-
 - Solid Waste Management in Egypt and preparation of National Strategy, Training Workshops and Guidelines Materials.
 - Hazardous Waste (H.W.) Management in Egypt, preparation of Guidelines
 Documents for characterization and identification of H.W., storage, handling,
 treatment, recycling and final disposal of H.W in Egypt.
- 6- National Coordinator and Director of the project "Sitting and plan of action for sanitary landfills of solid waste in Egypt", EC project.
- 7-National Coordinator and Director of the project "Integrated Management of Industrial Waste in the 6th of October Industrial city in Egypt ", EC project.
- 8-Reviewing some "Environmental Impact Assessment (EIA) Studies of industrial projects" for the Egyptian Environmental Affairs Agency (EEAA).
- 9-participate in some "Hearing meetings" as part of the community participation in preparation and acceptance of the Environmental Impact Assessment (EIA) Studies of some proposed projects.
- 10-Reviewing and evaluating researches in some environmental issues for the Journal of Planning and Development, INP.
- 11- Reviewing and evaluating researches in some environmental issues for the International Conferences of INP.
- 12- Reviewing and evaluating some studies for the Ministry of Planning.