

## HIS EXCELLENCY DR. IBRAHIM BADRAN

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### I. Achievements

For the last four decades, Dr. Badran has been actively involved in eight major areas of active professional work:

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|---|---------------------|
| - Politics, and Diplomacy                     | 1980 - till present |
| - Economics                                   | 1980 - till present |
| - Academic work                               | 1999 - till present |
| - Administration, Management, and Consultancy | 1980 - till present |
| - Energy, Industry, Society                   | 1980 - till present |
| - Research, Studies, Media, and writing       | 1970 - till present |
| - Engineering and Post-graduate studies       | 1970 - 1980         |

Dr. Badran has contributed actively to develop a number of intellectual, institutional, and national issues such as:

- Education Reform and education economics.
- Concept of Social Economics.
- Industrialization of National Economy.
- Moving Philadelphia University on the national and regional academic map of quality-education.
- Developing the scientific, technological, and socioeconomic thought in Jordan.
- Moving the Faculty of Engineering in Philadelphia University to the forefront among engineering faculties in Jordan.
- Creating the “Human Rights Unit” at the Prime Ministry”
- Creating the National Committee for " Family Library”
- Support of human rights, women and youth.
- Spreading the culture of entrepreneurship in Jordan.
- Development of new concepts in Higher Education in Jordan.
- Creating the national awards of Philadelphia University for the best written book, the best translated book, the best invention, the best computer program and the best art-work.
- Setting the standards & regulations for Jordan Electricity Authority. (1976-1980).
- Negotiating the oil imports and trade agreements with Iraq. (1984-1990).
- Re-organizing the Business and technical relations between the government and Jordan Petroleum Refinery Company. (1985-1990)
- Updating and reviewing Jordan relations with Tap-Line Company. (1980-1983)
- Coordinating the work of the Jordanian Committee for negotiating Iraq- Jordan Oil Pipeline from Iraq to Aqaba. (1982-1984)
- Preparing the draft law of Atomic Energy Corporation in Jordan. (1988).
- Setting up the Ministry of Energy and Mineral Resources.
- Setting up Public Service Office for Energy Conservation.
- Giving lectures in science, technology, youth, human rights, refugees, etc in international Forums including U.N.U in Tokyo

- Assessment of the Effectiveness of Cooperation Agreements in Energy between Jordan and other countries.
- Preparation of National Strategy Reports in energy, science & technology, industry, and higher education.
- Negotiating with World Bank missions and other international agencies different projects related to energy, trade, and etc.
- Negotiating cooperation agreements in energy between and trade Jordan Iraq, Syria, and Egypt

## **II. Present Posts & Responsibilities**

Advisor to the President for International Relations and Scientific Centers, Philadelphia University;

- Director of Scientific Consultancy Centre - Philadelphia University. (2000- till present)
- Director of Futuristic Studies Centre - Philadelphia University. (2003- till present)
- Director of Renewable Energy Research Centre- Philadelphia University

Current Memberships:

Dr. Badran is an active member in a number of societies, including those which are concerned with the woman empowerment.

- Member of the Royal Advisory Committee for Education
- Member of Association of Jordanian Engineers
- Member of The Club of Hague on Immigration, the Hague, Netherland
- Member of Arab Language Academy مجمع اللغة العربية
- Member of the Foreign Affairs Council
- Member of Jordan Society for Scie006Ece & Culture
- Vice president of the National Committee for Family Library
- Arab Thought Forum منتدى الفكر العربي

## **III. Previous Posts and Responsibilities**

Since 1975 until end of 2010, Dr. Badran held senior official posts in the Jordanian Government, and other Arab Countries:

- Minister of Education, Jordan. (2009-2010)
- Advisor to the Prime Ministry, Jordan. (1991-1999)
- Member of Board of Directors of Jordan Atomic Energy Commission. (1986-1990)
- Supervisor of Human Rights Unit at the Prime Ministry, Jordan. (1997)
- Head of the Jordan Delegation to the Refugees Working Group of the Multilateral Track of the Middle East Peace Process. (1998-1999)
- Member of the General Committee of the 3-year National Plan, Jordan. (1999-2001)
- Director General of the Department of Palestinian Affairs, Jordan. (1997-1999)
- Executive Director of Nour Al-Hussein Foundation, Jordan. (1994-1995)
- Coordinator General of the Middle East Peace Process. (1994-1995)

- Member of National Charter Committee, Jordan. (1989-1990).
- Secretary General (Under-Secretary) of the Ministry of Industry & Trade, Jordan. (1990-1991, 1984 - 1985)
- Secretary General (Under-Secretary) of the Ministry of Energy & Mineral Resources, Jordan. (1985-1990)
- Director of Energy, Ministry of Industry & Trade, Jordan. (1980-1984)
- Director of Planning & Director of Standards & Specifications, Jordan Electricity Authority, Jordan. (1978-1980)

#### Academic and Research Posts:

- Dean of Faculty of Engineering, Philadelphia University, Jordan. (2000-2007)
- Associate Professor, Electrical Engineering, Philadelphia University, Jordan. (1999- till present)
- Representative of Jordan on Solar Energy Committee, World Energy Conference
- External lecturer at the Institute of General Administration, National Defense Collage, Jordan.
- Member of Administrative Committee of Foreign Affairs Council, Jordan.
- Member of the National Committee for Reform of Higher Education, Jordan. (2005)
- Member of the Board of Trustees, University of Philadelphia, Jordan. (1990-1999)
- Chief Engineer & Head of Electricity Section, Consultancy & Architecture Center, Ministry of Planning, Baghdad - Iraq. (1974-1976)
- Lecturer in Electrical Engineering, University of Libya, Libya. (1970-1974)
- Distribution Engineer Ministry of Electricity, Water & Gas, Kuwait. (1963-1966)

#### IV. International References

Dr. Badran was the ***first Jordanian Governor*** to the Board of Governors of the International Atomic Energy Agency.

The biography of Dr. Ibrahim Badran appeared in a number of international biography references such as:

- Dictionary of International Arab Biography.
- References Asia, Asia's WHO is WHO of Men & Women of Achievement.
- Five thousand personalities of the world.
- WHO is WHO in the Oil Industry of the Middle East.

#### V. Professional & Intellectual Activities:

Dr. Badran published (22) books in Beirut, Damascus, Amman, Cairo, and Baghdad, in addition to over (120) major studies and reports for public and private distribution. He prepared and participated in more than fifty major international and regional conferences. He delivered lectures published in the proceedings of conferences, periodicals, or local publications. His research work is multidisciplinary covering: engineering, science, technology, energy, economics, strategy, politics, socio-philosophical studies, women, youth, and human progress.

Dr. Badran is a co-founder of a number of educational institutions.

## **VI. Management:**

- Former president of the Council of Under-Secretaries of Ministries related to infrastructure in Jordan.
- Former Member of special team for the development of the Organizational Structure of the Government Administration.

## **VII. Companies & Public Institutions:**

- Chairman of the Board of Directors, Jordan Glass Company. (1985-1987)
- Chairman of the Board of Directors, Corporation of Trade Centers, Jordan. (1984-1985, 1990-1991)
- Member of Board of Trustees of National Council for Family Affairs, Jordan.
- Member of the Board of Directors, Jordanian Petroleum Refinery. (1983-1990)
- Member of the Board of Directors, Jordanian Phosphate Company. (1984-1985, 1990-1991)
- Member of the Board of Directors, Jordan Valley Authority. (1990-1991)
- Member of the Board of Directors, Technological Group Company, Jordan. (1990-1991)
- Member of the Board of Directors, Jordan Water Authority. (1990-1991)
- Member of the Board of Directors, Jordan Electricity Authority. (1985-1990)
- Member of the Board of Directors, Jordan Natural Resources Authority. (1985-1990)
- Member of the Board of Directors, Irbid Electricity Company, Jordan. (1980-1984)
- Member of the Board of Directors, Industrial Development Bank, Jordan. (1990-1991)

## **VIII. Engineering, Energy, Water, & Environment**

- Member, Jordanian Engineering Association. (1970- till present).
- Chairman, Radiation Protection Corporation, Jordan.(1986-1990)
- Vice Chairman, Radiation Protection Corporation, Jordan. (1986-1990)
- Chairman, Regional Center of the Middle East for Isotopes for the Arab countries, Cairo-Egypt. (1988-1990)
- Chairman, National Committee for Energy, Jordan. (1985-1990)
- Governor for Jordan, Board of Governors of International Atomic Energy Agency. (1984-1985)
- Delegate of Jordan General Conference of International Atomic Energy. (1981-1991)
- Member of the High Steering Committee National Environment Strategy. (1989-1990)

## **IX. Education & Science Institutions**

- Member of the Board of Trustees, University of Philadelphia, Jordan. (1990-1999)
- Member of the University Council, University of Jordan. (1984-1985)
- Member of the Faculty Council Deanship of Postgraduate Studies, University of Jordan. (1988-1990)
- Member of the Faculty of Agriculture Council, University of Jordan. (1984-1988)
- Vice Chairman of the Committee of Research & High Studies, University of Tripoli, Libya. (1972-1974)

- Member of the Faculty of Engineering Council, Libya. (1971-1974)

## **X. Intellectual & Social Institutions**

- Member of the Arab Language Academy. (1984- till present)
- Member of the Arab Philosophy Society, Jordan. (1990-1992)
- Chairman, Society of History of Science, Jordan. (1989-1992)
- Member of the Jordanian Writers Association, Jordan. (1985- till present)
- Member of the Jordanian Writers Society. (1987- till present)

## **XI. Political & Social Services Societies**

- Member of the National Committee for Woman Affairs. (1996-1997)
- Member of the Royal Committee for the National charter. (1989- 1990)
- Member of the Foreign Affairs Council, Jordan. (1987- till present)
- Member of the Royal Society for the Conservation of Nature, Jordan. (1986- till present)
- Member of Jordan Environment Society. (1985- till present)

## **XII. Publications:**

### **▪ Published Books (Author or Co-Author)**

1. Problems of Science & Technology in the Arab World, Amman, 1978 and 1985.  
مشكلات العلوم والتكنولوجيا في الوطن العربي
2. Science, Technology & Development in the Arab World, Baghdad. 1984 العلوم والتكنولوجيا في الوطن العربي والتنمية في الوطن العربي
3. Encyclopedia of Scientists & Inventors, Beirut. 1987 موسوعة العلماء والمخترعين
4. Handbook of Illumination Engineering, Baghdad. 1976 دليل هندسة الإنارة
5. General Recommendations for Illumination, Amman. 1978 التوصيات العامة للإنارة
6. Problems of Development in the Arab World, Amman. 1988 مشكلات التنمية في الوطن العربي
7. Energy in Jordan, Amman. 1988 الطاقة في الأردن
8. Nuclear Energy & the Chernobyl Incident, Amman. 1985 الطاقة النووية وحادثة تشيرنوبل
9. Natural Resources, Energy & Water in Jordan, Amman. 1994 المصادر الطبيعية والطاقة والمياه في الأردن
10. Studies on the Arab Mind, Beirut. 1974 دراسات في العقلية العربية
11. History and Progress in the Arab World, Beirut. 1991 التاريخ والتقدم في الوطن العربي
12. On Culture, Thought & Progress, Amman. 1993 في الفكر والثقافة والتقدم
13. Jordan and Moderation, Amman. 1988 الأردن والوسطية
14. The Case No. 1387 (Theatrical Play), Damascus. 1974 القضية ١٣٨٧ (مسرحية)
15. The Mirage (Theatrical Play), Baghdad. 1976 السراب (مسرحية)
16. The Decline of Culture, Amman. 2001 افول الثقافة
17. Towards National Strategy for Social Culture, Amman. 2002 نحو استراتيجية وطنية للثقافة المجتمعية
18. Renaissance and Survival, Beirut. 2005 النهضة وصراع البقاء

19. User's Manual for Administration Consultation/Arab Organization for Administration Development, Cairo, Egypt. 2006 دليل المستخدم للاستشارات الإدارية
20. Engineering and Engineers, Principles and Concepts, Amman. 2007 – الهندسة والمهندسون المفاهيم والأساسيات
21. Entrepreneurship, Amman. 2013 الريادية
22. State, Democracy and Society, Amman. 2013 الدولة والديموقراطية والمجتمع
23. Readings in the National Economic Issue قراءات في المسألة الاقتصادية الوطنية Amman 2014
24. Readings in the Israeli Question قراءات في المسألة الاسرائيلية Amman 2015

▪ **Publications Prepared by the Author and carry the name of the publishing Institution**

1. Jordan 2020 – Possible Scenarios. Higher Council for Science and Technology, Amman. 2002
2. Climate Data for Jordan, Jordan Electricity Authority, Amman. 1987
3. Safety Regulations for the Operation of High Medium & Low Voltage Networks, Jordan Electricity Authority, Amman. 1987
4. General Standards & Regulation for Non-Industrial Electrical Installations Jordan Electricity Authority, Amman. 1987

▪ **Publications Supervised by the Author**

1. Agriculture Agenda, University of Jordan, 1990. الاجندة الزراعية
2. Directory of Jordanian Exports, Ministry of Industry & Trade. 1991. دليل الصادرات الأردنية
3. Investor Guide, Ministry of Industry & Trade, Jordan. 1991. دليل المستثمر

▪ **Specialized Research Work**

1. Enhancing Creativity and Innovation in Engineering Education, European Journal of Engineering Education. 2007.
2. Role of Engineering Education in SMEs, Halwan University Engineering Journal. Egypt. 2007
3. New Trends in Engineering Education, Global and Arab World Perspective, Philadelphia Engineering Conference on Computational Aspects and their Applications in Electrical Engineering, 2006.
4. The Role of Innovation in Knowledge-Economy and Sustainable Productivity, Journal Management, (ISSN-0973-5054), 2006.
5. Badran and E. Unk, Natural Day Light and Solar Maps. National Center for Architecture and Engineering Constancy, Baghdad. 1976
6. On the Fundamentals of Environment Problems in Hot Climates Nekoosa. 1976
7. Some Aspects of Planning of Rural Electrification, Rural Electrification, Baghdad. 1975
8. PhD Thesis Detection and Measurements of Internal Discharges in High voltage Bushings under Voltage Conditions. University of London, Queen Mary College, London. 1970

9. Internal Discharges in Paper Insulation under Direct Voltage Conditions. International Symposium, High- Voltage Technology, Munich, Germany, Munich. 1972
10. Oscillographic Records of Internal Discharges in Solid Insulation under Direct-Voltage Contestation. Bulletin of the Faculty of Engineering Vol. 2. University of Libya. 1970

### **XIII. Medals & Awards**

- State Appreciation Award in Social & Human Sciences –Arab Thought, Amman-Jordan 2002.
- King Hussein Medal for Excellence of the 1st Order 2001
- State Medal of Independence of the 1st Order 1990

### **XIV. Personal Data**

Full Name: Ibrahim “Mohammad Said” Badran  
Nationality: Jordanian

#### **Qualifications**

Degrees:

- B.Sc. Electrical Engineering, Cairo University- Egypt 1963
- Ph.D. High Voltage Technology, University of London 1970

#### **Private Studies**

Economics, Development, Technology, Social Sciences, Politics, Philosophy, Strategic Studies, and Administration.

#### **Travels and Visits**

Dr. Badran traveled and visited for conferences, negotiations, or tourism most countries in Europe, Arab countries, USA, Canada, Kenya, Namibia, Philippines, India, Malaysia, Thailand, Pakistan, Japan, Korea, Cyprus, Turkey, and Russia.

#### **Languages**

- Fluent English speaking and writing
- Fluent Arabic (*mother tongue*) speaking and writing
- Very modest German Language