

Khaled Najieb Elshuraydeh

Personal Information

Marital status: Married with two sons

Nationality: Jordanian

Date of Birth: 12/9/1948

Place of Birth: Irbid, Jordan

Education

1981 PhD. Physics and Mathematics/ Medical Physics, State University of Utrecht, Holla

*1976 MSc. Experimental Physics
State University of Utrecht, Holland*

*1972 BSc. Mathematics and Physics
State University of Utrecht, Holland*

Work experience

Nov. 2006 Minister of Energy & Mineral Resources

2004 - 2006 Secretary General, HCST, Jordan

2000 - 2004 Deputy Secretary General, HCST, Jordan.

*1999 - 2000 Manager, Mediterranean and Regional
Perspective, IPTS, European Commission.*

1994 - 1999 Deputy Secretary General, HCST

1993 - 1994 Director, Infrastructure Sector, HCST

*1989 - 1992 Director, Health Sciences & Medical
Technology Sector, & Environmental Sector,
HCST*

1987 - 1989 Associate Professor, University of Jordan.

1985 - 1986 Director, Higher Education Development

Directorate, Ministry of Higher Education

1981 – 1984 *Senior Researcher, Council of Higher
Education*

1977 - 1981 *Senior Researcher,
Medical and Physiological
Physics Department,
State University of Utrecht,
Holland.*

**Current
Professional
Assignments**

1. *President, Natural Resources Authority.*
2. *President, Jordanian Nuclear Energy Commission.*
3. *President, National Energy Research Center.*
4. *Member, The Higher Council for Science and
Technology.*
5. *Chairman, Privatization Steering Committee of
Central Electricity Generation Company.*
6. *Vice Chairman, Board of Directors of the
Pharmaceutical Research Center/ Royal Scientific
Society.*

**Current Field
of Research**

7. *Chairman, Financial Window for Scientific
Research Support, King Abdullah II Fund for
Development.*

Nano-Bio Technology:

Production of special nano-particles (magnetite) for

Publications

application in biological systems (under patenting):

- *Early detection of Pathogens in water, food and clinical samples (under patenting).*
- *Treatment of Cancer.*

Nano Technology:

Improvement of photo voltaic cells' efficiency, and decontamination of solar energy collecting surfaces.

1. *Elshuraydeh, K. et al, Study of National Scientific and Technological requirements and potential (Phase I: Requirements), HCST, 2003.*
2. *Elshuraydeh, K. et al, Jordan Scenarios 2020 "Policies Dialogue", HCST, Amman, Oct. 2001.*
3. *Elshuraydeh, K. et al, Science and Technology and Governance of the Euro-Med. Partnership, IPTS report, Vol 46, July, 2000.*
4. *Elshuraydeh, K. et al, Study of National scientific and Technological Requirements and Potential, (Phase II: Potential), HCST, 1998.*
5. *Elshuraydeh, K. et al, Study of National scientific and Technological Requirements and Potential, (Phase I: Requirements), HCST, 1997.*
6. *Elshuraydeh, K. et al, Studies about the Economic Implications of Peace in the Hashemite Kingdom of Jordan (The health sector), RSS, September 1994.*
7. *Elshuraydeh, K. et al, Towards Health Sciences and Medical Technology Policies and Strategies, Higher Council for Science and Technology, 1991.*

8. *Elshuraydeh, K. et al, Jordanian Households Socio-Economic Standards, Ministry of Social Development Publications, 1989.*
9. *Elshuraydeh, K. et al, Case Study of Jordanian Aid Funds and Beneficiaries, Ministry of Social Development Publications, 1989.*
10. *Elshuraydeh, K. et al, Mathematical Basis for Optimizing Sampling Techniques, PADCO Publications, Amman, Jordan, 1986.*
11. *Elshuraydeh, K. et al, Manpower Structure in the Jordanian Industrial Sector, Vocational Training Cooperation Publications, Amman, Jordan, 1986.*
12. *Elshuraydeh, K. et al, Manpower Supply and Demand in Jordan 1986-1990, Population and Development, D.O.S., 1986.*
13. *Elshuraydeh, K. and Sabbagh, A., Vocational Training and Job Opportunities for Women in Jordan - An Analytical Study, Population Council Publications, 1985.*
14. *Elshuraydeh, K. Indicators Regarding Employment Process for University and Community College Graduates in Jordan in 1983, Council of Higher Education Publications, Amman, 1984.*
15. *Elshuraydeh, K. et al, Securing Peace in the Middle East: Project on Economic Transition, The Institute for Social and Economic Policy in the Middle East, John F. Kennedy School of Government, Harvard University, Cambridge, MA, June 1993.*

16. Elshuraydeh, K. et al, *Manpower Requirements in Jordan: Professionals, Administrators and Technicians, 1982 - 1986*, The Royal Endowment for Culture and education Publications, 1983.
17. Elshuraydeh, K. et al, *Intramural Myocardial Deformations in Canine Left Ventricle*, *Journal of Biomechanics*, 1981.
18. Elshuraydeh, K., *Cardiac Dimensions and Intramural Deformations*, *Published Thesis*, State University of Utrecht, 1981.
19. Elshuraydeh, K. et al, *Method for Measuring Cardiac Dimensions and Intramural Deformations*, *Journal of Biomedical Engineering*, Vol.3: 49-52, 1981.
20. Elshuraydeh, K. et al, *Intramural Stress and Strain Analysis in the Intact Heart*, *Cardiac Dynamics*, Martinus Nijhoff Publisher BV, the Hague, 1980.