

**Curriculum Vitae**

**Munther J Haddadin**

**April 2011**

**P. O . Box 67  
Daboug, Amman 11822  
Jordan**

# Curriculum Vitae

## Munther Jeries Haddadin

(April 2011)

### I. Personal

Place and Date of Birth: Maien, Jordan, 1940  
Marital Status: Married, Two Daughters (36, 31) and one Son (33).  
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P.O Box 67  
Daboug, Amman 11822  
Jordan  
Country of Citizenship: Jordan

### II. Education

Bachelor of Civil Engineering, 1963, Alexandria University, Egypt  
Master of Science in Civil Engineering, 1966, University of Washington, Seattle, WA.  
Candidate of Philosophy, 1967, University of Washington, Seattle, WA, USA  
Doctor of Philosophy, 1969, University of Washington, Seattle, WA, USA

### III. Professional Record

**1963 - 1965**: Building municipal water networks in Hufuf, Saudi Arabia, and supervising the construction of highways, Riyadh, Saudi Arabia.

**1967 - 1969**: Research Associate, Department of Civil Engineering, University of Washington, Seattle, WA, USA

Performing research in structural engineering, funded by the National Science Foundation.

**1969 - 1971**: Research Engineer, Portland Cement Association, Skokie, Illinois, USA

Performing research in the design of structural systems, with emphasis on foundations and rigid pavement.

**1971 - 1973**: Director, Computer Systems Department, and  
Director, Civil Engineering Department, Royal Scientific Society,  
Amman, Jordan.

Establishing and managing two departments and participating in the foundation of the Royal Scientific Society. Introduced the first digital computer to Jordan in 1972.

**1973 - 1982**: Senior Vice President, Jordan Valley Authority.

Extensive effort in the rehabilitation and the integrated social and economic development of the Jordan Valley. Work was multidisciplinary covering a wide range

of infrastructure, water resources development management, environmental, and social fields. Acquired extensive experience in the planning and implementation of regional rural development schemes with irrigated agriculture as its backbone. Drafted bylaws and laws to regulate water development. Participated in the institutional arrangements for the Jordan Water Sector. Had frequent contacts with donor agencies including AID of the U.S, Kreditanstalt fuer Wiederaufbau and GTZ of Germany, OECF and JICA of Japan, ODA of the UK, the World Bank, the Netherlands Government, the EIB, the EU, the Government of France, the Kuwait Fund, the Arab Fund, the Saudi Fund, the Islamic Development Fund, the Abu Dhabi Fund, and others.

Participated in the formulation of the national development plans for Jordan. Oversaw the implementation of the development projects for the Jordan Valley that included projects in irrigation, domestic water supply, agricultural support services, transportation, telecommunications, electricity, schools, health centers, government buildings, housing, environmental assessments, and others.

**1982 - 1987:** President and Chairman of the Board, Jordan Valley Authority

Maintained the momentum of the aforementioned Jordan Valley development and expanded its scope to include areas south of the Dead Sea. Planned and implemented major municipal water projects that pump water from the Jordan Valley to Amman, to Irbid and other urban areas of Jordan. Total Government investment managed was \$600 Million. Staff managed numbered 2100 employees.

Represented Jordan in managing international water issues, particularly with Syria and with Israel over the Yarmouk River.

In June 1987, Dr. Haddadin was a major contributor to the *Bellagio Draft Treaty on Transboundary Groundwaters*.

**1988 - 1995:** Owner, the Regional Office for Integrated Development, Amman, Jordan.

Carried numerous consulting assignments in the Middle East and North Africa for such organizations as the World Bank, the FAO, the UNDTCD, the UNDP and the Government of Jordan. Assignments covered topics in water resources development, water legislation, water management, water cost and recovery, environmental issues, and the systems of water rights. Assignments were carried out in Turkey, the Middle East and North Africa.

**1991 - 1995:** Senior Negotiator on Jordan's delegations to the Middle East Peace Process

Worked out the agenda for bilateral negotiations with Israel (April 26, 1992); was one of two negotiators of the common agenda for bilateral negotiations (28 October 1992); headed the committee on water, energy and the environment in the bilateral peace negotiations; wrote and negotiated the common sub-agenda on water, energy and the environment (February - June 1994); wrote and negotiated the water annex to the Peace Treaty with Israel, Annex II- Water Related Matters September - October, 1994; wrote and negotiated the Annex on the Environment (Annex IV) to the Treaty; negotiated the Borders Annex (Annex IA) in the same Treaty; headed the Jordan delegation to the Water Resources Working Group of the Multi-lateral Peace talks; was a member of the Steering Committee of the Multi-lateral Peace Talks; authored the concept paper of the Jordan Rift Valley Development including the Red Sea- Dead Sea linkage; headed the Jordan delegation to the Trilateral Committee for the Jordan Rift Valley; wrote the TOR for the study on water supply and demand in the Middle East sponsored by the GTZ of the Federal republic of Germany under the Multilateral

Peace talks; supervised the implementation of the Water Annex of the Jordan- Israel Peace Treaty (1994-1995).

**1995 - 1997:** Partner, Consolidated Consultants, Amman, Jordan

Held shares and managed the water and environment department in a newly founded engineering company by merging four other such companies. Carried out feasibility studies and design works for water and environment infrastructure.

Represented Jordan in the works of the Sixth Committee of the General Assembly of the UN that debated and approved the “Convention on Non-Navigational Uses of International Water Courses.”

**1997 - 1998:** Minister of Water and Irrigation, Government of Jordan

Was selected to be Minister of Water and Irrigation in the Government of the Hashemite Kingdom of Jordan between 19 March 1997 and 10 August 1998.

Authored the following documents, debated them in the Cabinet, and had them issued as official policy documents of the Government:

- Jordan’s Water Strategy
- Water Utility Policy
- Irrigation Water Policy
- Ground Water Management Policy
- Waste Water Management Policy

Directed and published an Investment Program for the Jordan Water Sector ( 1997 - 2011), and convened a donors’ conference to promote support for financing the projects of the Sector. A total of about U.S \$ 800 Million in grants and soft loans were raised to implement a series of projects for water and waste water. Worked closely with the World Bank in appraising the Water Sector of Jordan, and in taking the steps towards awarding a Management Contract for the water and wastewater networks of Greater Amman. Authored and published a five years development plan for the Sector (1998 - 2002). Effected a new organization of the Ministry of Water and Irrigation, the Water Authority of Jordan, and the Jordan valley Authority.

Staff managed numbered about 9000 employees. Structured and implemented a water tariff for Jordan. Drafted several water legislation and associated institutional arrangements. In particular Dr. Haddadin drafted a “draft law” for *Water and Agriculture* in 1998.

**1999- Present:** Back to the Regional Office for Integrated Development working in the same fields of consulting services. Cooperating with and representing major consulting firms.

**Spring 2001:** Visiting Professor, Oregon State University, Corvallis, OR., U.S.A

Lectured seniors and graduate students a course on international water management.

**January 2002- Present:** Courtesy faculty member with the rank of Professor, Oregon State University, Corvallis, Oregon, U.S.A.

**Spring 2003:** Visiting Professor, Oregon State University, Corvallis, OR, USA.

**Summer 2003:** Second Century Lecturer, University of Oklahoma, Norman, OK, USA.

**July 2001- May 2004:** Special Counselor to His Royal Highness Prince El Hassan bin Talal of the Hashemite Kingdom of Jordan. Providing HRH with assistance to formulate a Parliament of Cultures, a Community of Water and Energy in the Arc of Crisis, and rendering advice on various other cultural matters.

**June 2001- June 2011:** Courtesy Professor, Oregon State University, Corvallis, Oregon, USA. Taught a graduate course on water and the environment.

**December 2003- December 2008:** Affiliate Professor, University of Oklahoma, Norman, Oklahoma, USA.

Haddadin was selected to be “Second Century Lecturer”, a series founded by H.R Howell Sr. to commemorate the second century of the University of Oklahoma. The position is offered to distinguished scholars and politicians.

**February 2007 – February 2012:** Courtesy Professor, University of Central Florida, Orlando, FL, USA.

**October 2011- October 2015:** Chairman and CEO, Mawared Corporation, a Jordan Government institution engaged in urban development in Amman and Zarqa; also Chairman of the Abdali Boulevard Company, Vice Chairman of Abdali Development Company and Vice Chairman of Abdal Mall Company.

**March 2012- May 2016:** Government Representative on the Board of the Jordan Phosphate Mining Company, Amman, Jordan. Started as Acting Chairman and Vice Chairman between March 17, 2012 till June of the same year. Then Vice Chairman between June 2012 and January 2013. From that position Haddadin became Chairman and CEO of Abyad Fertilizer and Chemicals Company, Chairman of the Manajim Mining Company(July 2012- July 2013, Chairman of Arkan Mining Company July 2013- May 2016, and Chair for several committees therein.

**June 2014 - June 2018:** Member of the Board of Trustees, Balqa Applied University, a Government University and an umbrella for multiple Junior Colleges spread over the territories of the country. Chairman of the Financial Committee.

**September 2018 - September 2022:** Member, Jordan Upper House of Parliament (the Senate). Chairman of Jordanian- Lebanese Brotherhood Committee; Rapporteur of the Agriculture and Water Committee.

**June 2018- Present:** Chairman, Board of Trustees, Jordan University for Science and Technology, Ramtha, Jordan.

#### **IV. Institution Building**

Haddadin was instrumental in building the following institutions in Jordan :

- The Royal Scientific Society
- The Jordan Valley Commission
- The College of Engineering at the University of Jordan
- The Jordan Valley Authority
- His own private firm, Regional Office for Integrated Development.
- Promoted the notion of establishing a Community of Water and Energy for the Middle East and North Africa. Working to have that materialized with I E Med and the Toledo Center for Peace in Spain.

#### **V. Legislation**

Haddadin drafted or participated in drafting the following legislation:

- The Jordan Valley Commission Law no 2 for the year 1973.
- The amendment to the Jordan Valley Commission law of 1976.
- The Jordan Valley Development Law.
- A Draft of the Water Authority Law (in 1983)
- Draft Agriculture and Water Law (in 1998).
- The Law of the Higher Water Council in Yemen (1993)

## **VI. Scholarship, Awards and Honors**

### **A) Scholarships**

- Academic Scholarship from Alexandria University (1959 - 1963).
- Graduate School Fellowship, 1966-1967, from the University of Washington, Seattle.
- Graduate Research Associate, University of Washington, Seattle, 1967 -1969.

### **B) Awards**

- From the American Society of Civil Engineers, awarded with Professor Alan H. Mattock and H.S. Hong the Raymond C. Reese Award for the best research paper published in 1971 in the Journal of the Structural Division, ASCE.
- From the International Water Resources Association, awarded the 2001 Best Paper Award for the paper entitled, "Water Scarcity Impacts and Potential Conflicts in the MENA Region," *Water International*, Volume 26, Number 4, pp 460-470, December 2001.

### **C) Honors**

- Graduated with Honors from Alexandria University, 1963.
- Graduated with a cumulative GPA of 3.96 / 4.00 from the University of Washington, 1969.
- Decorated :
  - Twice by His Majesty King Hussein of Jordan: The Istiqlal Medal , of the First Order for his outstanding achievements in peace making (1994), and the Kawkab Medal of the First Order for the accomplishments during his tenure as Minister (1997).
  - By Her Majesty Queen Elizabeth of the United Kingdom and Northern Ireland: Commander of the British Empire (1983).
  - By His Excellency the President of the Federal Republic of Germany (1984).
  - By His Excellency the President of Italy (1984).
  - By His Excellency the President of Austria (1987).
  - By His Beatitude the Patriarch of the Holy City of the Greek Orthodox Church, Jerusalem (1983).

- By His Majesty King Abdullah II of Jordan because of Haddadin's contribution to the advancement of the State: The Centennial Medal on the occasion of the State celebrating the anniversary of the first century of its establishment in 1921.

## V. Publications

### 1. Books:

- Munther J Haddadin, "Diplomacy on the Jordan- International Conflict and Negotiated Resolution." published by Kluwer Academic Publishers, Norwell, MA. ISBN 0-7923-7527-0, October 2001.
- Munther J Haddadin, "Ad-diblomasiyyah ala Nahr al Urdun – Tatawwor al Niza' wa Muhawalat at Taswiyah," in *Arabic*, publisher: All Print, P.O.Box 8375, Beirut, Lebanon, 2004.
- Abdul Salaam Majali, Jawad Anani, and Munther J Haddadin, "Peace Making- The Inside Story of the 1994 Jordanian- Israeli Peace Treaty," published by Ithaca Press, UK, and University of Oklahoma Press, 2005.
- Frank Fisher, Annette Huber-Lee, Munther J. Haddadin and others, "Liquid Assets- An Economic Approach for Water Management and Conflict Resolution in the Middle East and Beyond," published by Resources for the Future, RFF, Washington D.C., ISBN1-933115-09-2, 2005.
- Munther J Haddadin, Editor and lead author, "Water Resources in Jordan: Emerging Policies for Development, the Environment and Conflict Resolution," published by Resources for the Future, RFF, Washington D.C., launched September 2006.
- Munther J Haddadin, "Salamun Ala Al Yarmouk," in *Arabic*, Super Star Press, Amman, Jordan, April 2007,

### 2. Chapters in Books

- Munther J. Haddadin, "Water Management: A Jordanian Perspective," Part 2 Water and the Jordan Riparians: new approaches in the 1990s. in the book: Water, Peace and the Middle East: Negotiating Resources in the Jordan Basin. J. A. Allen (Ed). Library of Modern Middle East Studies, 1996. pp: 59-74.
- Munther J. Haddadin, "Compliance with and Violations of the Unified/ Johnston Plan for the Jordan Valley," Chapter 4 of the book, "Water in the Middle East: Cooperation and Technical Solutions in the Jordan Valley," Edited by K. David Hambright, F. Jamil Ragep, and Joseph Ginat. University of Oklahoma Press, Norman, OK, USA (2006). pp 35-54.
- Munther J Haddadin, "Irrigation Technology and Water Conservation in Jordan." Chapter 8, Part II of the book, "The Management of Water Quality and Irrigation Technologies," Edited by Jose Albiac and Ariel Dinar, Earthscan, Earthscan, London,U.K, Sterling, VA, ISBN 978-1-84407-670-3, (2008). pp 137-152.
- Munther J Haddadin, "Issues in Water Resources Policy in Jordan", Chapter 2 in the book "Policy and Strategic Behaviour in Water Resource Management," edited by Jose Albiac and Ariel Dinar, published by Earthscan, UK (2009). pp 13-28.

- Munther J Haddadin, “*Water Conflicts: Issues in International Water, Water Allocation and Water Pricing with Focus on Jordan*,” Chapter 10 in the book “*Policy and Strategic Behaviour in Water Resource Management*,” edited by Jose Albiac and Ariel Dinar, published by *Earthscan*, UK (2009). pp 175-188.
- Munther J Haddadin, “A Jordanian Socio-Legal Perspective on Water Management in the Jordan River- Dead Sea Basin,” *The Jordan River and Dead Sea Basin: Cooperation Amid Conflict*,” a Springer Publishers Book, The NATO Science for Peace and Security Programme, ISBN 978-90-481-2987-4. pp. 41-59.
- Munther J. Haddadin, “The Jordan River Basin: A Conflict Like No Other,” *Strengthening Post-Conflict Peacebuilding through Natural Resource Management*, A Publication to assess experiences in post-conflict peacebuilding through natural resources management. A project jointly partnered by The Environmental Law Institute, United Nations Environment Programme (UNEP), University of Tokyo, and the Specialist Group on Armed Conflict and the Environment of the IUCN Commission on Environmental Law.

### 3. Recent Publications

- Munther J Haddadin, “Negotiated Resolution of the Jordan-Israel Water Conflict”, *International Negotiations* 5: 263-288, 2000. 2000 Kluwer Academic Publishers. Printed in the Netherlands.
- Munther J Haddadin, “Water Issues in Hashemite Jordan,” *Arab Studies Quarterly*, Volume 22, Number 2, Spring 2000, pp 63-77.
- Munther J Haddadin, “Water in the Peace Process: Two Perspectives, A View From Jordan,” *Policy Focus*, the Washington Institute for Near East Policy, Research Memorandum, Number Twenty, September 1992.
- Munther J Haddadin, “Water Scarcity Impacts and Potential Conflicts in the MENA Region,” *Water International*, Volume 26, Number 4, pp 460-470, December 2001. (Awarded the prize of Best Research Paper by the IWRA).
- Munther J Haddadin, “Response to Commentary by Uri Shamir in Vol. 26:1, February 2002,” *Natural Resources Forum*, Volume 26, Number 3, August 2002, pp. 254-255.
- Munther J Haddadin, “The War That Never Was,” *Brown Journal for International Affairs*, December issue 2002.
- Munther J Haddadin, “Water Issues in the Middle East- Challenges and Opportunities,” *Water Policy Journal*, Volume 4, 2002, pp 205-222.
- Franklin Fisher, Munther J Haddadin, et al., “Optimal Water Management and Conflict Resolution: The Middle East Water Project, *AGU Water Resources Research*, 10.1029/2001 WR 000943, 16 November 2002.
- Munther J Haddadin, “Water in the Peace Process,” *Geographical Journal*, Royal Geographic Society, London, England. Vol.168 part 4, December 2002.
- Munther J Haddadin, “Quantification and Significance of Shadow Water in Semi Arid Countries,” *Water Policy* 9 (2007), pp. 439-456.



- Amer Salman, Emad Al Karablieh and Munther J Haddadin, “Limits of Pricing Policy in Curtailing Household Water Consumption Under Scarcity Conditions”, *Water Policy*, Vol 10, No. 3, pp 295-304, 2008.
- Amer Salman, Emad Al Karablieh, Hans-Jochen Regner, Heinz-Peter Wolff and Munther Haddadin, “Participatory Irrigation Water Management in the Jordan Valley,” *Water Policy* 10(2008), pp. 305-322.
- Munther J Haddadin, “Characteristic Curves and Water Status Indicator,” *Water International*, Volume 33, Issue 4, December 2008, pp. 406-414.
- Munther J Haddadin, “Cooperation and Lack Thereof on Management of the Yarmouk River,” *Water International*, Volume 34, No. 4, December 2009, pp. 419-430.
- Munther J. Haddadin, “Water: triggering cooperation among former enemies,” *Water International* Special Issue, Volume 36 Issue 2, 178.
- Numerous professional papers delivered in seminars and conferences, and numerous professional reports.

## **VI. Memberships**

- a) American Society of Civil Engineers, Life Member.
- b) International Law Association
- c) Jordan's Society of Engineers