

CURRICULUM VITAE

Proposed role in the project: Senior expert

Category: Senior

1. **Family name:** AlKarablieh
2. **First names:** Emad
3. **Date of birth:** Dec. 20. 1963
4. **Passport holder:** Jordanian
5. **Residence:** Jordan
6. **Education:** Ph.D

Institution	Degree(s) or Diploma(s) obtained:
Christian-Albrechts-University at Kiel	Ph.D. in Agribusiness Management, Department of Agricultural Economics. Faculty of Agriculture
Goethe Institut, Mannheim, Germany	PNDS German Language Certificate
The University of Jordan, Jordan	M.Sc. in Agricultural Economics. Dept. of Agricultural Economics and Extension. Faculty of Agriculture
The University of Jordan, Jordan	B.Sc. in Animal Production. Dept. of Animal Production. Faculty of Agriculture

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Arabic	Mother tongue		
English	1	2	1
German	2	2	2

8. **Membership of professional bodies:** Membership in the following Non-Profitable Organizations: Agricultural Economic Society, England. Southern Agricultural Economics Association, USA. Jordan Society of Agricultural Engineers. Arab Society for Agricultural Social & Economic Science
9. **Other skills:** High level of computer literacy
10. **Present position:** Senior Expert
11. **Years within the firm:** NA
12. **Key qualifications:** Dr. Al-Karablieh is Professor in the Dept. of Agricultural Economics and Agribusiness Management at the University of Jordan, Jordan. He is a former Director of Water and Environmental Research and Study Center at the University of Jordan. His academic interests include Natural resource economics, Project appraisal, Financial analysis, Water economics, Environmental economics, Risk analysis and economics of Integrated Water Resource Management. His professional consultations cover financial analysis, investment appraisal environmental economics of natural resources, water and technology adoption.
 - He published more than 50 articles appeared in peer reviewed international and regional journal such as Agricultural Water Management, Water, Agricultural Systems, Journal of Arid Environment, Quarterly Journal of International Agriculture, Water Policy. Journal of Agricultural Sciences and Technology.
 - He is a coauthor of the Arab Water Report-Towards Water Security in the Arab Region, Issues of cost effectiveness prepared for UNDP in 2011. He has been recruited in many international funded research projects as a team leader or as researcher such as GLOWA JR II, Mediate, GLOWA Jordan River III, SMART II and Harvard Middle East Water Project. He has worked with many international agencies such UNOEP, USAID, UNDP, World Bank, AFD, ICARDA, IFPRI, GTZ, IFAD and FAO. For five years, he served as team leader of the socio-economic component of Badia Benchmark of water harvesting project.
13. He participate as a financial analyst in a conducting many water supply, and wastewater investment appraisal in Jordan and Yemen and other countries. In addition he participates, as a lecturer (trainer), in several training courses in finance organized by ESCWA, NENARACA, CARDNE, and NCARTT, in Jordan, Syria, Lebanon, Tunis, Egypt, Libya and Morocco.
14. **Specific experience in the region:**

Country	Date from - Date to	Country	Date from - Date to
Jordan	1995 – 2011	Germany	1991-1995
Yemen	2004-2005	Syria	1995-2000
Lebanon	2004-2005	Iraq	1995-2002

15. Professional experience

Date from - Date to	Location	Company & reference person ¹ (name & contact details)	Position	Description
2009	Amman	Via Nova Consultancy. United Nations Environment Programme	Principle Researcher	Mainstreaming marine biodiversity conservation into coastal management in the Aqaba Special Economic Zone. Socioeconomic Report
2003	Amman	Consolidated consultant 73 AL-MUTANBI STREET 4TH CIRCLE JABAL AMMAN TEL: 962 6 461 2377 MOBILE: 962 79 517 3131 FAX: 962 6 464 4987 - 461 2380 E-MAIL: bdd@ccjo.com ccpost@ccjo.com	Financial & Socioeconomic Expert	Monitoring, assessing and quantifying environmental damages to water, agricultural resources, terrestrial and marine ecosystems due to golf crisis in 1990. Section IV: Monitoring, Assessing and Quantifying Damage to environmental resources (Solid waste, water and agricultural Resources. Claims for Environmental and Natural Resources Damages. Submitted to Government of Jordan, UNCC
2003	Amman	Consolidated consultant Submitted to Government of Jordan, UNCC	Financial & Socioeconomic Expert	Monitoring, assessing and quantifying environmental damages to water, agricultural resources, terrestrial and marine ecosystems due to golf crisis in 1990. Section IV: Monitoring, Assessing and Quantifying Damage to environmental resources (Solid waste, water and agricultural Resources. Claims for Environmental and Natural Resources Damages
2004	Amman	Jordan's Ministry of Foreign Affairs Studies Unit	Financial & Socioeconomic Expert	Participation on conducted the study on the Impact of Palestinian Refugees on Jordan's Environmental Resources; Solid and Hazardous Waste. Natural Environment & Biodiversity Rangeland, Forest, Wetland and Wildlife
2011	Amman	Rami ABU SALMAN Regional Climate and Environment Specialist Environment and Climate Division (ECD) International Fund for Agricultural Development (IFAD) Via Paolo di Dono 44, Rome	core investigator	The dRHS system is a Dupont proprietary subsurface irrigation technology that is driven by actual plant demand to actively provide the required amount of water. The water is delivered as a water vapor. As core investigator my role was to conduct preliminary market and economic feasibility for the future potential of producing and implementing the dRHS irrigation technology in Jordan

¹ The Contracting Authority reserves the right to contact the reference persons. If you can not provide a reference, please provide a justification.

Date from - Date to	Location	Company & reference person ¹ (name & contact details)	Position	Description
		00142 Italy Tel. +39 06 5459 2291 Fax: +39 06 5459 3291 email: r.salman@ifad.org		
12-2011-6-2012	Amman	EU - Contract N° 2011/278635 Dr. Ahmed Eltijani Sidahmed [asidahmed@ucdavis.edu] [eltijani@hotmail.com] Associate Director for Development and Partnership University of California Davis Teastecc project management	Principle Researcher	"Pre-identification mission: support to agricultural development in Jordan" A Pre-identification Mission to Jordan (December 2011 –June 2012) was initiated with the main goal of informing the European Union on the relevance of supporting the development of the agriculture sector, especially in light of the European Union / Jordan Action Plan and the Association Agreement developed to realize this plan as embedded in the European Neighbourhood Policy. The specific objectives achieved were: (i) obtaining up-to-date information (and subsequently identify information gaps) related to the agricultural sector and assess the magnitude of its contribution to poverty reduction and/or economic growth in Jordan; (ii) undertaking an in-depth analysis of key agricultural subsectors to identify their constraints, opportunities and potential interventions for development; (ii) identifying opportunities for possible future EU interventions that could enhance the competitiveness of the agriculture sector in Jordan (esp. through sustainable agricultural development, rational natural resource management, enterprise development, rural tourism etc.) and reduction of rural poverty
6/2011—6/2012	Amman	USIAD- Jordan, ISSP project EcoConsult Barbara Rossmiller Chief of Party, USAID/ (ISSP) Shmeissani, 38 Salem Al- Hindawi Street, 1st Floor P.O. Box 930583 Amman 11193, JORDAN Ph) +962 (0)6 5671184; M) +962 77 5700298; F) +962 6 5671158 www.isspjordan.org	Principle Researcher	ISSP Water Valuation Study: Disaggregated Economic Value of Water in Industry and Irrigated Agriculture in Jordan The Water Valuation Study undertaken by the USAID/Jordan Institutional Support and Strengthening Program (ISSP) from 2011-2012 assessed the value of water use in different economic sectors, with a highly differentiated and in depth focus on the agriculture sector to determine water's value in different uses and for producing different crops in different locations and for different markets. Insight into the different values of water is essential to support rational decision-making about policies, management, and investments in the water sector. The main objective of this report is to estimate an economic value of industrial and irrigation water in Jordan from value chain perspectives by using appropriate methodology and available data

Date from - Date to	Location	Company & reference person ¹ (name & contact details)	Position	Description
2011-2012	Dubai, Cairo	UNOPS Ghaith H. Fariz, Ph.D. Director, Arab Knowledge Report, Arab Water Governance Report Phone: +961(1)981644; Cell: +961 71801963 E-mail: ghaith.fariz@undp.org Lazarieh Center-Block (02B), Downtown Beirut P.O.Box 11-481, Beirut - Lebanon	Principle Authors	Arab Water Report-Towards Water Security in the Arab Region, Issues of cost effectiveness prepared for UNDP in 2011. This report outlines the importance of adopting good and effective water governance as an inevitable prerequisite for achieving water security and sustainable human development in the Arab region. Starting by introducing concepts and approaches of effective water governance, an analysis of the water situation in Arab countries is outlined from a holistic perspective that takes into account the economic, social, legal and institutional frameworks as well as decision-making processes. The report highlights the economic, social, environmental and political costs of prevailing improper governance and management of water resources. Cost effectiveness methodologies and approaches were introduced as major tools to determine water resources governance approaches and policies, and hence management practices. The report is addressing the relevant stakeholders, including decision makers, managers, civil society organizations
2010-2012	Amman, Jordan	Karlsruhe Institute of Technology (KIT). BMBF – Integrated Water Resources Management (IWRM) Project SMART II Prof. Dr. Heinz Hoetzl; heinz.hoetzl@kit.edu	Researcher & Coordinator	SMART II Integrated Water Resources Management in the Lower Jordan Rift Valley: SMART II) Sustainable Management of Available Water Resources with Innovative Technologies with Karlsruhe Institute of Technology (KIT). Work package number 7 (Socio-Economic Analysis) Activity type: Research, Development and Implementation. Objectives of Socio-Economic Analysis. Quantify costs and benefits of SMART-IWRM technology lines, Rank technologies for the mobilization of additional water at local level in terms of cost-effectiveness, Evaluate alternative IWRM strategies by applying the cost-benefit analysis at watershed level, Assess the financial feasibility of alternative IWRM strategies, Integrate key technologies in quantitative economic models.
2010-2011	Jordan	UNDP Jordan University of Science and Technology (JUST) & Water and Environment Research and Study Center (WERSC).	Socio-economist	Macro-level Assessment of potential direct and indirect impacts of climate change on socio-economic factors for “Assessment of Direct and Indirect Impacts of Climate Change scenarios on water availability and quality in the Zarqa River Basin”. In cooperation between Queen Rania Al-Abdullah Center for Environmental Sciences & Technology (QRACEST) Jordan University of Science and Technology (JUST) & Water and Environment Research and Study Center (WERSC).University of Jordan.
06/10-06/11	Amman, Jordan	French Development Agency Agence Française de Développement AFD- French Amman Embassy El Mutanabbi Street n ° 58 Jabal- Amman PoBox 5348- Amman 11183 Jordan Tél(962 6) 46 04 702	Consultant	Water demand management in Mediterranean countries: Thinking outside the water box!. Jordan case study. The French Development Agency (AFD). The main objective of the study is to bring economic analysis into Jordan water policy and help prioritizing actions according to their cost-effectiveness.

Date from - Date to	Location	Company& reference person ¹ (name & contact details)	Position	Description
		Serge Perrins PERRINS@afd.fr;		
07/10- up to date	Amman, Jordan	University of Jordan Faculty of Agriculture > Agricultural Economics and Agribusiness Hussein Falah Al-Qudah halqudah@ju.edu.jo	Professor at Dept. Agricultural Economics & Agribusiness Faculty of Agriculture/ University of Jordan	Full-time lecturer for the courses "Agribusiness Management, Agricultural Project Appraisal, Agricultural Accounting & Finance
10/09 06/10	Amman, Jordan	University of Jordan Prof.Ahmad Salaymeh, Director of WEE, Water and Energy and Environment Center, University of Jordan, Amman-Jordan Email: weec@ju.edu.jo	Director of Water and Environmental Research and Study Center	Coordinated water and environmental research at national, regional and international levels by getting the center efforts focused on water problems through research, education, training, community services, outreach and international cooperation
2009 2011	Amman, Jordan	University of Tübingen, Department of Plant Ecology, Auf der Morgenstelle 1, 72108 Tübingen, Germany Tielboerger, Katja, Prof. Dr katja.tielboerger@uni-tuebingen.de	Coordinator	GLOWA III: GLOWA: Jordan River Project Phase III (2009-2011). Member of Steering Committee of GLOWA Jordan River Project Phase III for the period (2009-2011). Coordinator of the of GLOWA Jordan River Project Phase II and Phase III for Jordan for the following subprojects: Project 1: Integration and communication of strategies (Project 1.1: Scenario analysis of strategies, Project 1.2: WEAP analysis, and Project 1.3: Communication of results). Project 2: New water: This project deals with the basic question, "What is the potential for new (blue) sources of water to address current and future needs of people and ecosystems in the region. Project 3: Green water management: Water and land interactions in agricultural and natural systems, this project includes the following subprojects: Project 3.1: Climate and land use change effects on natural and semi-natural ecosystems and their feedback on the hydrological system, Project 3.2: Assessing the socio-economic benefits of ecological system services and their integration into models of optimal land-use under climate change, Project 3.3: Integrated modeling of land-use change and environmental impacts
11/07 11/09	Amman, Jordan	University of Jordan Faculty of Agriculture > Agricultural Economics	Department Head of Agricultural	Full-time Department Head & lecturer for the courses "Agribusiness Management, Agricultural Project Appraisal, Agricultural Accounting & Finance

Date from - Date to	Location	Company & reference person ¹ (name & contact details)	Position	Description
		and Agribusiness Hussein Falah Al-Qudah halqudah@ju.edu.jo	Economics & Agribusiness Department, Faculty of Agriculture	
10/05 11/07	Amman, Jordan	University of Jordan Faculty of Agriculture > Agricultural Economics and Agribusiness Hussein Falah Al-Qudah halqudah@ju.edu.jo	Associate Professor at Dept. Agricultural	Full-time lecturer for the courses "Agribusiness Management, Agricultural Project Appraisal, Agricultural Accounting & Finance
2006-2008	Amman, Jordan	University of Tübingen, Department of Plant Ecology, Auf der Morgenstelle 1, 72108 Tübingen, Germany Tielboerger, Katja, Prof. Dr katja.tielboerger@uni-tuebingen.de	Consultant	Member of Steering Committee of GLOWA Jordan River Project Phase II and for the period (2006-2008). The Story and Simulation (SAS) approach, which combines expert and stakeholder knowledge with the scientific methods from the other projects in GLOWA JR, to derive comprehensive and coherent scenarios on global change impacts and possible adaptation strategies; and the Water Evaluation and Planning tool (WEAP) with a GIS, for simulation and visualization of water availability, demand and quality for a range of global change scenarios and the consequences of various adaptation measures for the water system. Sub-Project 8: Water quality issues, lower Jordan River
2002-2006	Amman, Jordan	BRGM. Water division, RMD Unit, Montpellier Nathalie Dorfliger (BRGM, France, n.dorfliger@brgm.fr	Investigator	Participation as core investigator for Cost-effectiveness analysis of Mediterranean Development of Innovative Technologies for integrated water management. Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006) The MEDITATE project is about integrated water management for limited water resources in Mediterranean countries, considering specifically the use of alternative water resources such as submarine springs, desalination and/or water reuse including development of a decision support system that will allow to integrate different types of knowledge (from physical to socio-economic fields), inclusive all social actors, in a decision making processes. Sub-Project 8: Water quality issues, lower Jordan River
2000-2006	Amman, Jordan	International Center for Agricultural Research in the Dry Areas ICARDA ICARDA-Jordan@CGIAR.ORG	Team leader	Team Leader of Socioeconomic components of Community-Based Optimization of the Management of Scarce Water Resources in Agriculture in West Asia and North Africa implemented by International Center for Agricultural Research in the Dry Areas ICARDA. National Center for Agricultural Research And Technology Transfer NCARTT
09/00 09/05	Amman, Jordan	University of Jordan Faculty of Agriculture > Agricultural Economics and Agribusiness	Assistant Professor at Dept. Agricultural	Full-time lecturer for the courses : Agribusiness Management, Advanced Production Economics, Agricultural Project Appraisal, Practical Training in Agricultural Economics

Date from - Date to	Location	Company & reference person ¹ (name & contact details)	Position	Description
		Hussein Falah Al-Qudah halqudah@ju.edu.jo	economics	
1998-2001	Algeria, Iraq, Jordan, Lebanon, Libya, Morocco, Syria, and Tunisia	International Center for Agricultural Research in the Dry Areas (ICARDA) International Food Policy Research Institute (IFPRI) ICARDA-Jordan@CGIAR.ORG	Socioeconomic Team Leader.	Mashreq-Maghreb Project II , Community Approach to the Development of Integrated Crop/Livestock Production in the Low Rainfall Area. Implemented by the National Programs of Algeria, Iraq, Jordan, Lebanon, Libya, Morocco, Syria, and Tunisia.
09/97-09/00	Jerash, Jordan	Jerash University- Jerash, Jordan. Tel. : + 962 (0) 2 6350521 Fax : + 962 (0) 2 6350520 Email: jpu.info@jpu.edu.jo	Assistant Professor at Faculty of Agriculture	lecturer for the courses "Agricultural Price Analysis, Production Economics, Agricultural System Analysis, Agricultural Project Appraisal, Mathematical Economics, Agricultural Finance and Practical Training in Agricultural Economics
1998-2001	Jordan	Harvard University. Franklin Fisher Phone: (617) 253-3373 Fax: (617) 253-1330 Email: ffisher@mit.edu	Consultant	Harvard Middle East Water Project : Participate in. Analyzing agricultural demand for water with an optimizing model. Lead development of decision support models of the water economies of Jordan. Participate in the development of the Agricultural Sub-model (AGSM), SAWAS which allocate Water in an optimal way using different water qualities for different seasons.
01/96-06/98	Amman, Jordan	ICARDA Dr Nasri Haddad, Regional Coordinator West Asia Regional Program - WARP Tel: (Office) +962-6-5525750 / 5517561 ICARDA-Jordan@CGIAR.ORG	National socioeconomic officer. West Asia Regional Program at the (ICARDA). Amman Regional Office	National Professional Officer is mainly responsible to follow up the socio-economic research activities (including, sheep fertility, PMSG technology, injection of vitamin AD3E, feed block, and early weaning technology) in the Mashreq countries and for establishment a Socio-Economics Network for West Asia countries. Also, assist ICARDA scientists and NARS specialists to implement, analyse and to produce reports and publications on the adoption and impact of barley and livestock technologies that are used in the Project
09/95-01/96	Irbid, Jordan	University of Science and Technology	Lecturer	Part-time Lecturer for the courses: "Farm Management, Rural Development and Agricultural Economics

16. Other relevant information (e.g., Publications)

1. Taleb M. Abu-Sharar, **Emad K. Al-Karablieh** and Munther J. (2012). Role of Virtual Water in Optimizing Water Resources Management in Jordan. Water Resources Management: Volume 26, Issue 14 (2012), Page 3977-3993
2. Wolff H. P., L. Wolf, A. Subah, J. Guttman, A. Tamimi, A. Jarrar, A. Salman and **E. K. Karablieh** (2012). Methodological challenges in evaluating performance, impact and ranking of IWRM strategies in the Jordan Valley. Water Science and Technology. Volume 66, Number 2, pp. 1406-1415.

3. **Al-Karablieh Emad**, Amer Salman, Abbas Al-Omari, Heniz-Peter Wolff, Tamer Al-Assa'd, Doukhi Hunaiti, Ali Subah (2012). Estimation of the Economic Value of Irrigation Water in Jordan. *Journal of Agricultural Science and Technology* .Volume 5, B2. pp. 487-497
4. Heinz Peter Wolff, **Emad Al-Karablieh**, Tamer Al-Assa'd, Ali Subah, Amer Z. Salman (2012). Jordan Water Demand Management Study. *Water Science and Technology: Water Supply*. Volume 12, No. (1) pp 38-44
5. Majdalawi, Mohammad, El-Habbab, M-S., **Emad, K. Al-Karablieh** and A. Al-Assaf (2012). Economic and Socioeconomics Impact of Biofuel Production in the Arab Region. *African Journal of Agricultural Research* Vol. 7(12), pp.2114- 2123,
6. Karsten Schacht , Sven Gönster, Elisabeth Jüschke, Yona Chen, Jorge Tarchitzky, Jawad Al-Bakri, **Emad Al-Karablieh** and Bernd Marschner (2011). Evaluation of Soil Sensitivity towards the Irrigation with Treated Wastewater in the Jordan River Region. *Water* , Volume 3, No (4), pp, 1092-1111. (www.mdpi.com/journal/water)
7. **E. K. Al-Karablieh**, A.S. Jabarin and M. A. Tabieh (2011). Jordanian Horticultural Export Competitiveness from Water Perspective *Journal of Agricultural Science and Technology*. Volume1, No 7B, pp. 964-974.
8. Jabarin, A. S. and **E. K. Al-Karablieh** (2011). Estimating the Fresh Vegetables Demand System in Jordan: A Linear Approximate Almost Ideal Demand System. *Journal of Agricultural Science and Technology*. Volume 5, No.3, pp. 322-331
9. **Al-Karablieh Emad K** and Amer S. Jabarin (2010). Alternative Rangeland Management Options to Reduce Livestock Feeding Costs in Arid and Semi-Arid Areas in Jordan *Quarterly Journal of International Agriculture*. Vol. 49 (2), 91-110
10. Amer Salman, **Emad Al-Karablieh** , Hans-Jochen Regner, Heinz-Peter Wolff, and Munther Haddadind (2008) Participatory Irrigation Water Management in the Jordan Valley. ***Water Policy***. Vol. 10. No 4, pp 305-322.
11. Amani Al-Assaf, Amer Z. Salman , Franklin M. Fisher, **Emad Al-Karablieh** (2007) A Trade-off Analysis for the Use of Different Water Sources for Irrigation (The Case of Southern Shounah in the Jordan Valley). *Water International*. Volume 32, Number 2, pages 244-253.
12. Ahmad Sh. Al-Rimawi, **Emad K. Karablieh**, Abdulfatah S. Al-Qadi and Hussein F. Al-Qudah, (2006). Farmers' Attitudes and Skills of Farm Business Management in Jordan. *Journal of Agricultural Education and Extension*. Vol. 12, No. 3, 165-177, September 2006.
13. Ahmad Sh. Al-Rimawi, **Emad K. Karablieh** and Abdulfatah S. Al-Qadi (2004). An investigation into the perceived farm management and marketing educational needs of farm operators in Jordan. *Journal of Agricultural Education*. Volume 45. Number (3). pages 34-43.
14. Amer Z. Salman and **Emad Al-Karablieh** (2004). Measuring the willingness of farmers to pay for groundwater in the highland areas of Jordan. *Agricultural Water Management*. Volume 68, Issue 1, pages 61-76.
15. R. E. Nasr, S. G. Haddad and **Emad K. Al-Karablieh** (2002). "Economic Assessment of Hormonal and Nutritional Treatments for Improvement of Awassi Sheep Production in Jordan". *The Asian-Australasian Journal of Animal Sciences*. Volume 15 (8), 1110-1114.
16. Al-Rimawi A. and **Emad Karablieh** (2002). The Agricultural Private Firms' Willingness to Cooperate With Public Research and Extension in Jordan. *The Journal of International Agricultural and Education Extension*. Volume 9 (3), pp. 5-13..
17. Al-Rimawi A. and **Emad Karablieh** (Fall 2001) "The Role of the Commercial Sector in Agricultural Extension in Jordan". *Journal of International Agricultural and Education Extension*. Volume 8 (3), pp. 13-20.
18. Amer Z. Salman, **Emad K. Al-Karablieh**, Franklin M. Fisher (2001) "An Inter-Seasonal Agricultural Water Allocation System (SAWAS)" *Agricultural Systems*. 68 (3), pp. 233-252
19. Amer Salman, **Emad Al-Karablieh**, and Munjed Al-Sharif, (2009). An Assessment of the Potential Consequences of Water Supply Variability on the Socioeconomics of the Northern Jordan Valley. Jordan G-Wadi International Workshop. "Climate Change Impact on Water Resources: Risk, Assessment and Management in Arid and Semi- Arid Regions". 25th of November, 2009. Amman, Jordan
20. Wolff, H-P. Wolff, H-P, M. Shechter, T. Hijawi, A. Salman, A. Fleischer, **E. Al-Karablieh**, I. Kan (2008). Change in Natural Resources vs. Socio-economic Development-Identification of Bottlenecks for Exploiting Future Agricultural Potentials in the Jordan Valley. *Competition for Resources in a Changing World: New Drive for Rural Development*. Tropentag, October 7-9, 2008, Hohenheim. Germany
21. Wolff, H.-P. Wolff, M.Shechter, A. Fleischer, A. Salman, **Emad Al-Karablieh**, T. Hijawi, I. Kan, N. Becker (2007). Socio-economic consequences of changes in frame conditions for the agricultural sector.
22. Amer Salman; **Emad Al-Karablieh** (2006), Socioeconomic factors influencing the households water demand function in Jordan. International Conference: Integrated Water Resource Management and Challenges of the Sustainable Development. Marrakech 23-25 May 2006.
23. **Emad Al-Karablieh** and Amer Salman (2006). Measuring the Profitability of Different Irrigation Water Qualities in the Down Stream of Amman Zarqa
24. **Emad Al-Karablieh**, Amer Salman, and Abbas Al-Omari, Mohammad E. Osman. (2006). Water Allocation Model in Ghor Al-Safi in Jordan. The 3rd International Conference on the "Water Resources in the Mediterranean Basin" WATMED 3. Tripoli-Lebanon, 1-3 November 2006.

25. **Emad Al-Karablieh**, Amer Salman, and Abbas Al-Omari (2006). The Residential Water Demand Function in Amman-Zarka Basin in Jordan. The 3rd International Conference on the "Water Resources in the Mediterranean Basin" WATMED 3. Tripoli-Lebanon, 1-3 November 2006.
 26. Regner, H.J.; Salman, A.Z.; Wolff, H.P. **Karablieh, Emad**. (2006): Approaches and Impacts of Participatory Irrigation Management (PIM) in Complex Centralized Irrigation Systems - Experiences and Results from the Jordan Valley. In: Asch, F.; Becker, M. (ed.) Tropentag 2006: Prosperity & Poverty in a globalized world: Challenges for Agricultural Research, University of Bonn, Oct. 11-13, 2006, Book of Abstracts. p.511, online-version of full paper (status Oct. 16, 2006): <http://www.tropentag.de/abstracts/full/213.pdf>.
 27. Mutasem Abdelrahman and **Emad Al-Karablieh** (2002). "Effect of Vitamins AD3E Injection on Reproductive Performance and Net Cash Revenue of Awassi Sheep Raised under Semi-intensive System". Journal of King Saud Univ., Volume 14, Agric. Sci. (1), pp.15-22.
 28. **Emad Al-Karablieh** and Mutasem Abdelrahman (2000) "Evaluation of Hormonal Treatment of PMSG on Reproductive Performance and Profitability of Awassi Sheep Reared under Semi-Intensive Production System in Jordan". Oman Journal of Agricultural Sciences, 5(2): 53-57.
 29. Salman, A. Z., M. A. El- Karaki and **E. K. Al-Karablieh** (2000) "Economics of Inputs Used in Olive Production in Al Badia Area of Jordan" Dirasat-Agricultural Sciences. Vol. (27). No. (3). p. 327-333.
 30. **Al-Karablieh Emad** and A. Z. Salman (1999) "Forecasting Models for Barley Production in Jordan". Emirates Journal of Agricultural Science". Vol. 11. p. 59-81.
- A. Agricultural Feasibility Studies**
1. Participation as Financial analyst & agricultural Economist in the study "Development of Marketing Infrastructure for Horticultural Products in Jordan: (2006). "Economic indicators and Action Plan" Prepared for Ministry of Agriculture. By University of Jordan- Center for Consultations, Technical Services, & Studies, Arab Analysts for Consultations, Kelly Harrison Associates (Virginia, USA)
 2. Participation as Financial analyst & agricultural Economist in the study Technical and Financial Feasibility Study of Horticultural Marketing Company in Jordan (2006). Prepared for Ministry of Agriculture. ECO Consult (Amman, Jordan). Kelly Harrison Associates (Virginia, USA)
 3. Conducting the Feasibility Study of Dairy Cattle Farm. (1996). Commissioned by Nour Al-Hussein Foundation. Prepared in Collaboration with the International Center for Development (ICD), Amman, Jordan. (in Arabic)
 4. Participation as Financial analyst in "Feasibility Study of Producing Olive Paste from Olive Cake in Jordan"-Market, Technical and Financial Studies (1997). Submitted to the Jordanian Investment Inc., in collaboration with Quality Consultancy Company (QCC), Amman, Jordan.(in Arabic)
 5. Participation as Financial analyst in the study "Development and Modernization of Slaughterhouse of the Jordan Poultry Processing and Marketing Company Ltd. Oct. 1998. Submitted to the Jordan Poultry Processing and Marketing Company Ltd. Sponsored by the Industrial Development Bank (IDB). Prepared in collaboration with Quality Consultancy Company (QCC).
 6. Conducting the Feasibility Study of Shami Goat Production in Jordan. (1996). Commissioned by Nour Al-Hussein Foundation. Prepared in Collaboration with the International Center for Development (ICD), Amman, Jordan. (in Arabic)
 7. Conducting the Feasibility Study of Producing Medical Plants in Jordan. (1996). Commissioned by Nour Al-Hussein Foundation. Prepared in Collaboration with the International Center for Development (ICD), Amman, Jordan. (in Arabic)
- B. Socio-Economic Studies**
8. Participation in "Market Survey to Identify the Present and Future Job Opportunities for the Poor of the Rural Areas". The Regional Centre on Agrarian Reform and Rural Development for the Near East (CARDNE). Submitted to the Ministry of Social Development, Food Security Project. Commissioned by European Union.
 9. Team Leader of "The Socio-economic Study of Agricultural Resource Development Project in Yarmouk Basin". (2002) The Regional Centre on Agrarian Reform and Rural Development for the Near East (CARDNE). Submitted to the Ministry of Agriculture
 10. Team member of the Study "Developing the Private Sector Role in Agricultural Development". (2004) The Regional Centre on Agrarian Reform and Rural Development for the Near East (CARDNE). Submitted to the Ministry of Agriculture