

AHMAD (MOHAMAD AMIN) SALEH EL-BUKHARI



Education

1997

University of Jordan / Jordan

B.Sc. of Agricultural Engineering / Soil & Irrigation
3.75 / 4

2012

Ain Shams University / Egypt

M.Sc. of Agricultural Engineering / Irrigation & Drainage Engineering
3.98 / 4

Experience

June/2021 - Present

Saudi Irrigation Organization, Saudi Arabia

Irrigation Expert

- Providing advisory services to supply irrigation water without wasting or depleting and to achieve the sustainability of irrigation water resources
- Bringing the best practices and modern scientific applications to raise the irrigation water efficiency
- Providing advisory services regarding the design, operation, maintenance, and scheduling of irrigation networks

May/2018 - May/2021

Wadi Araba Development Company, Jordan

Operational and Maintenance Manager

- Follow up the operation and maintenance performance of the irrigation projects and their staff in accordance with the work plans standards, and indicators, discussing deficiencies and deviations, if any, and working on their correction and repairing.
- Conducting field visits to ensure better performance of operation and maintenance work.
- Follow-up and reviewing transactions and daily reports, expressing views and observations about them, and submitting them to the



Marj Al-Hamam
Amman - Jordan



Married with 5 children



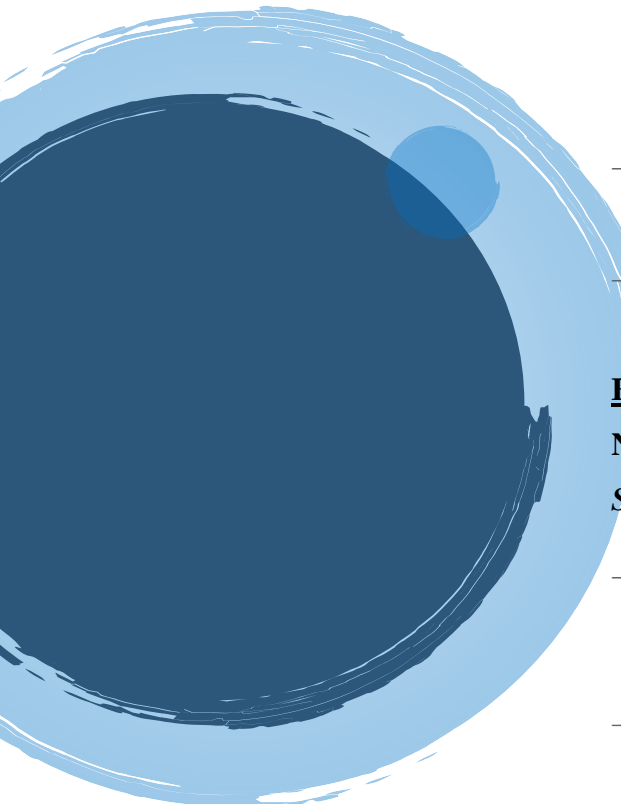
00962-797720087



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www.linkedin.com/in/ahmad-el-bukhari-708bb09/

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- concerned authorities.
 - Determining the needs and requirements for developing the performance of the operation and maintenance departments in the regions
 - Follow up contractors' performance of operation and maintenance works.

Feb/2017 - April/2018

Nashat for Contracting Riyadh, Saudi Arabia

Senior Irrigation Engineer

- Conduct a feasibility study for establishing a new Hi-tech farm in Al-Mugheeb / Riyadh, the farm area is about 852 Dunum, the study based on evaluation the requirements of technological, legal, operational and, economical.
- Provide the landscape management services for Al-Riyadh Ring Road and its squares, that including design, operate and maintain the irrigation network.

Jan/2015 - Jan/2017

Ministry of Water & Irrigation / Jordan Valley Authority / Projects Directorate, Jordan

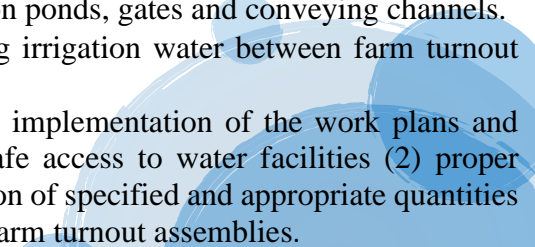
Head office of design and Studying

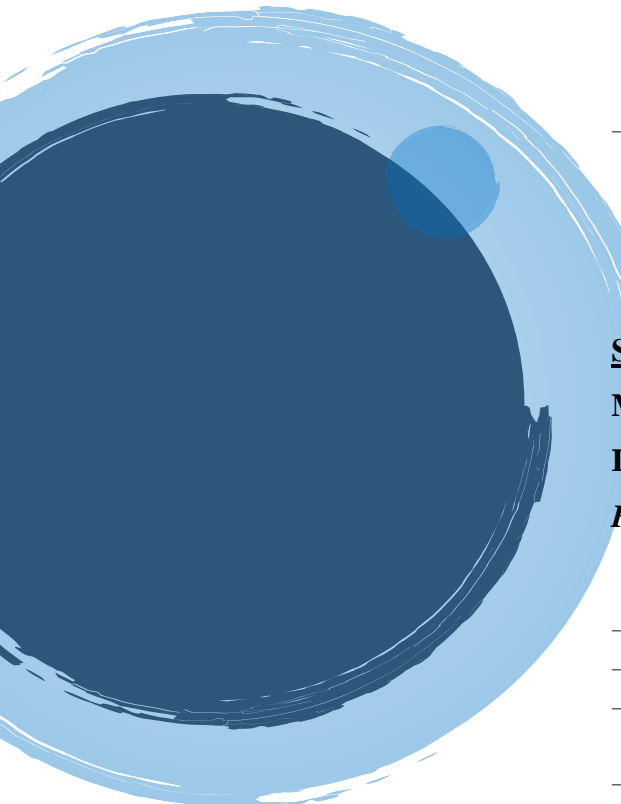
- Manages and coordinates preliminary engineering studies required for rehabilitation and/or establishing a new irrigation project
- Monitoring and reviewing all studying and design involved in bidding, tendering and cost estimation.
- Identifying, tracking, managing, and resolving projects issues.

Dec/2001 - Dec/2015

Ministry of Water & Irrigation / Jordan Valley Authority / Southern Jordan Valley Directorate, Jordan

Head office of Mazra'a irrigation distribution & maintenance

- Operation and maintenance of water resources for the southern Jordan Valley irrigation project, including diversion dams, sedimentation and collection ponds, gates and conveying channels.
 - Scheduling and distributing irrigation water between farm turnout assemblies.
 - Develop and supervise the implementation of the work plans and programs to ensure: (1) safe access to water facilities (2) proper operation and (3) distribution of specified and appropriate quantities of irrigation water among farm turnout assemblies.
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- As I am one of the WMIA team members (Water Resource Management in Irrigated Agriculture/German-GIZ Project) since 2003, I was able to convince farmers to form water user association through which Jordan Valley Authority looks to delegate parts or all its operation and maintenance tasks for the farmers.

Sep/2000 - Nov/2001

Ministry of Water & Irrigation / Jordan Valley Authority / Irrigation Advisory Services Project (Funded by USAID), Jordan

Head of Irrigation Advisory Services unit in Southern Ghors and Wadi Araba

- Design the irrigation network (Automatic and Manual system).
- Assist farmers to increase efficiencies in the use of irrigation water.
- Assist farmers in determine cropping pattern and irrigation water requirement.
- Assist farmers in selecting the proper fertilizers.
- Assist farmers in scheduling their irrigation (Knowing when and how much water to apply).
- Assist farmers in setting up farm agricultural practices record system.
- Facilitate a successful transition to on-demand or partially on-demand scheduling of irrigation water deliveries

Sep/1998 - Mar/2000

Arab Supply & Trading Corp. (Astra farms), Saudi Arabia


Laboratory Engineer

- Making Soil, Plant and Water (Potable and Plant Nutrient Solution) analysis.
- Putting fertilizer recommendation and programs.
- Supervise the irrigation and Composting Project in the farms

Feb/1997 - Jul/1998

Al-Muroug Al-Arabia Est / Jordan

Farm Manager

- Directs and coordinates worker activities, such as planting, irrigation, chemical application, and harvesting.
 - Records information, such as production, farm management practices, and prepares financial and operational reports.
 - Inspects farm's equipment to ensure proper functioning.
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Training Courses

29/10/2018 – 31/10/2018

Water Resources Development and Management (Korea International Cooperation Agency – KOICA)

12/02/2017 – 12/02/2017

Landscape Irrigation "Rain Bird International, Inc."
Riyadh – Saudi Arabia

15/01/2016 – 22/01/2016

Feasibility study preparation and analysis
Amman – Jordan

23/08/2015 – 31/08/2015

Human Resource Management
Amman – Jordan

16/08/2015 – 20/08/2015

Capacity Development for Farm Management Strategies to improve Crop- Water Productivity using AquaCrop (FAO)
Amman – Jordan

12/10/2014 – 15/10/2014

Basics of Organic Farming
SEKEM Farm – Belibeies – Sharkia Governorate
Cairo – Egypt

23/02/2014 – 06/03/2014

Capital Investment Plan / Initial Project Evaluation
Amman – Jordan

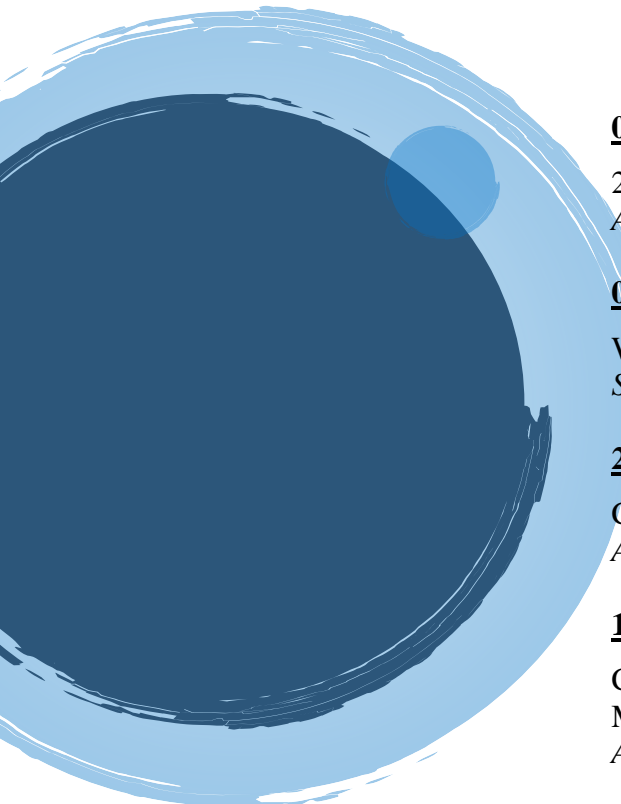
31/03/2013 – 11/04/2013

Institutional Development (Jordan Institute of Diplomacy)
Amman – Jordan

11/04/2009 – 16/04/2009

Time Management
Amman – Jordan





05/10/2008 – 15/11/2008

2D/3D AutoCAD
Amman – Jordan

09/05/2006 – 09/09/2006

Water Resources and Environmental Management in Arid Region
Sapporo – Japan

28/03/2004 – 29/03/2004

Collaborative Work and Cooperative Laws and Regulations
Amman – Jordan

12/06/2003 – 17/06/2003

Communication and Dialoguing in Extension, Community
Mobilization, Farmers Organizations, Work Planning and Monitoring
Amman – Jordan

23/02/2003 – 27/02/2003

Water Skills Enhancement and Information to Decision-Makers in
Jordan's Water Sector
Amman – Jordan

20/10/2002 – 23/10/2002

Interaction of Farmers and Extension
Amman – Jordan

23/09/2002 – 26/09/2002

Irrigation Crop Water Requirement
Amman – Jordan

19/05/2002 – 006/6/2002

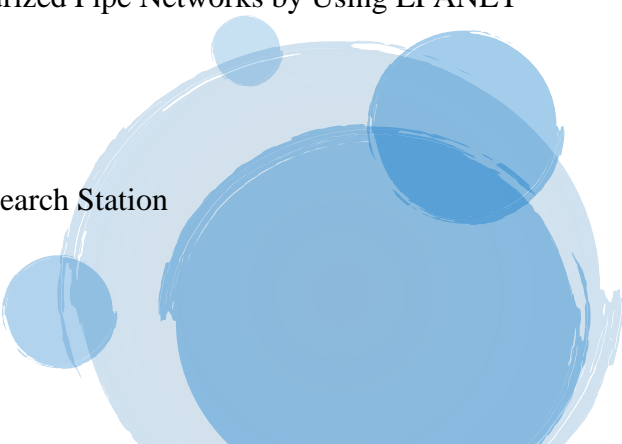
Communication Skills
Amman – Jordan

13/05/2002 – 15/05/2002

Hydraulic Simulation of Pressurized Pipe Networks by Using EPANET
Software
Amman – Jordan

01/02/1997 – 01/07/1997

Jordan Valley Agricultural Research Station
Amman – Jordan





Skills

- Communication, Lobbying, Leadership, Teamwork.
- Sound knowledge of irrigation management, design, operate, maintenance and fertigation.
- Professional Windows & Office tools user, Familiar with SolidWorks and AutoCAD software, good knowledge in statistical analysis software and data processing (SPSS and R-Project software)

Publications

El-Bukhari A.M.A., M.M. Hegazi and K.F.El-Bagoury (2012), PERFORMANCE OF FILTERS USED IN MODERN IRRIGATION NETWORK, Research Bulletin, Faculty of Agriculture, Ain Shams University, Cairo, Egypt.

Patents

I have invented a new irrigation water filter (registered at Egyptian Patent Office under application No. 1664/2012, date 26/9/2012) named as "Dual Irrigation Filter"; a device for filtering irrigation water from suspended impurities, which is formed from the combination of two types of irrigation filters; hydrocyclone and screen filters, in order to get benefit from the advantages of each one to improve the performance of the other, which makes the filter of his ability to get rid of the impurities regardless of their specific weight and at the lowest possible probability of filter screen clogging, it has been designed so that this filter has the lowest value for operation pressure drop with a shared mechanism for the operation and washing to maintain the effort and time required.

Languages

- Arabic, the mother tongue
 - Good command of English (reading, writing, and conversation)
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