

YASIR L. ALRUBAYE



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M.Sc. Water Resources Engineering, Department of Civil Engineering at Al-Mansour University College, Baghdad, Iraq.

EXPERIENCE

2014 – NOW:

ASSISTANT LECTURER, Department of Civil Engineering, Al-Mansour University College.

Preparation and presentation of theoretical lectures on hydrology, fluid mechanics, engineering of water resources and engineering geology.

FLUID MECHANICS LAB SUPERVISOR, Department of Civil Engineering, Al-Mansour University College.

PROJECTS SUPERVISOR, Department of Civil Engineering, Al-Mansour University College.

Project titles:

- Hydraulic Design of Water Supply Network for A City.
- Hydraulic Design of An Embankment Dam.
- Hydraulic Design of Head Regulator.
- Design A Sprinkler Irrigation System.
- Hydraulic Investigation of Different Soil Types.
- Hydraulic Design of Earth Fill Dam on Al-Zab Al-Aala.
- Calculation Quantities of Water from Different Sources for Irrigation Project Using Optimal Solutions
- Planning for Drip Irrigation Project

A MEMBER OF EXAMINATION, SOCIAL ACTIVITY, AND EDUCATIONAL GUIDANCE COMMITTEES, Department of Civil Engineering, Al-Mansour University College.

JUN – SEP 2013:

VISITING SCHOLAR, ITRC, Irrigation Training and Research Center, Cal Poly State University, CA, US.

Worked as a member of a 3-person drip/micro irrigation evaluation team in San Joaquin Valley of California. More than 30 evaluations were performed and checked by Dr. Charles M. Burt, ITRC Chair.

Tested agricultural sprinkler water distribution patterns in wind and no-wind conditions.

Tested the hydraulics of drip system components - manifolds, fitting, and hose/emitters.

EDUCATION

AUGUST-2014:

MSC IN WATER RESOURCES ENGINEERING, UNIVERSITY OF BAGHDAD, BAGHDAD, IRAQ.

Thesis title “Tree Shaped Layout for Trickle Irrigation Subunits”.

JUN-2010:

BSC IN WATER RESOURCES ENGINEERING, UNIVERSITY OF BAGHDAD, BAGHDAD, IRAQ.

Graduation Project entitle “Design Water Supply for A City in Baghdad”.

OTHER CERTIFICATIONS

- Application of International Standers ISO/IEC 17025:2005, Central Organization for Standardization and Quality Control, COSQC, Baghdad, Iraq, 2017.
- Teaching Methods, Continues Education Center, CEC, University of Technology, Baghdad, Iraq, 2016.
- Irrigation System Evaluation, Irrigation Training and Research Center (ITRC), California Polytechnic State University, June 2013.
- Designer / Manager School of Irrigation, Irrigation Training and Research Center (ITRC), California Polytechnic State University, July 2013.
- IC3 Certification, Internet and Computing Core, Standard Living Online, 2010.

SKILLS

Programming language and using software:

- Visual Basic,
- Quick Basic,
- Microsoft Office,
- Primavera,
- Microsoft project management,
- Microsoft Visio,
- Epanet,
- Surfer,
- Auto CAD Drawing,
- Turbo CAD Drawing,
- Hydrus,
- Sigma Plot,
- Hyc-Ras, and
- EndNote.

PUBLICATIONS

- Laboratory and On-Field Experiments of Measuring Evaporation Quantities from Bare Saturated Soil Surface, 2018.
- Hydraulic emission uniformity analysis of trickle irrigation subunits, 2017.
- Book entitle “Tree Shaped Layout for Trickle Irrigation Subunits”, 2016.

SEMINARS:

- Feasible Integrated Solutions to Manage Water Scarcity in Iraq, Mars 20th ,2018 at Al-Mansour University College, Baghdad, Iraq.
- Climate Change effecting on water resources of Iraq, Water Day, Mars 22nd ,2016 at Al-Mansour University College, Baghdad, Iraq.

AWARDS, THANKS & APPRECIATION, AND PATENTS IF ANY

- Thanks, and appreciation from Dean of Engineering College, University of Baghdad.
- Four thanks and appreciation from Dean of Al-Mansour University College during the period of my job.



