

Name: Alya Aqeel Mohammed

College / Institute: Southern Technical University / Engineering Technical College

Positon: Lecture

Degree: PhD

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Education:

- Bachelor in Civil Engineer from Basra University / Basra / Iraq.
- Master degree in Civil Engineer and Environment from Basra University / Basra / Iraq.
- PhD degree in Civil Engineer and Environment from Cardiff University / Cardiff / UK.

Publication:

- Characteristics of raw domestic sewage for Basrah city (2012).
- Attenuation of metal contamination in landfill leachate by dewatered waterworks sludges (2016).
- Modelling heavy metals transformation in vertical flow constructed wetlands (2017).
- Understanding Integrated Removal of Heavy Metal, ,Organic Matter and Nitrogen in a Constructed Wetland System Receiving Simulated Landfill Leachate (2017).
- Review Weir – Gate Composite Irrigation Structure (2019).
- Recent Applications of HYDRUS Model: A Review (2019).
- Multivariate Statistical Application for the Assessment of Surface Water Quality in Lower Zab River, Kirkuk. (2020)
- The effect of the obstacle on the hydraulic response of the composite hydraulic structure (2020).
- TEMPERATURE PREDICT OF AERATION TANK WALLS FOR BIOLOGICAL WASTEWATER TREATMENT SUBSYSTEM OF HAMDAN STATION (2021).
- EXPERIMENTAL INVESTIGATION OF MULTI OBSTACLES IMPACT ON WEIR-GATE DISCHARGE STRUCTURE (2021).

Participation in Scientific Conferences:

- Natural and Constructed Wetlands: Interaction between Scientists and Engineers (Galway, Ireland).
- 19th International Conference on Wastewater Treatment and Water Quality (Dubai).
- 20th International Conference on Civil Environmental Engineering (Italy).

Training:

- TVET System Management TSM (Cairo).
- Advance training in civil engineering (Russia).
- Enterprises and Project Management (Cardiff).
- Time Management, Tasks Management and Notes Management (Cardiff).