الاسم المستخدم في نشر البحوث حسب الكوكل سكولر:

Maysoon Basheer Abid

الاتجاهات البحثية:

Water Resources, Trickle Irrigation, Numerical CFD, Fluid Flow.

الدرجة العلمية: أستاذ مساعد

الأبحاث المنشورة

* Two-Dimensional Unsteady Dispersion of Pollutants at Hindiya Station on Euphrates River.
* Analytical Solution of Unsaturated Soil Water Flow from a Point Source.
* Numerical Simulation of Unsaturated Flow in Porous Media Using the Finite Volume Method.
* Numerical Simulation of Two-Dimensional Unsaturated Flow from a Trickle Irrigation Source using the Finite Volume Method.
* Numerical Modeling of Water Movement from Buried Vertical Ceramic Pipes through Coarse Soils.
* Numerical Modeling of Water Movement from Buried Vertical Ceramic Pipes through Soils.
* Numerical Simulation of Water Flow through Soil from a Trickle Irrigation with Water Uptake by Roots.
* Numerical Simulation of Soil Trickle Irrigation using Different One-Dimensional Models of Root Water Uptake.
* Numerical Simulation of Unsaturated Soil Water from a Trickle Irrigation System for Sandy Loam Soils.
* Numerical Simulation of Unsaturated Soil Water Flow from a Trickle Point System, Considering Evaporation and Root Water Uptake.
* Numerical Simulation of Unsaturated Soil Water from a Trickle Irrigation System for Sandy Loam Soils.
* Predicting Wetting Patterns in Soil from a Single Subsurface Drip Irrigation System.
* Salt Distribution in a Soil Irrigated by Subsurface Emitter.
* Water Movement through Soil under Drip Irrigation using Different Hydraulic Soil Models.

الكتب والمؤلفات

**رسائل الماجستير الذي أشرف عليها:**

* Numerical Modeling of Water Movement from Buried Vertical Ceramic Pipes through Soils.
* Numerical Simulation for Water Movement from Surface Trickle System.
* Numerical Analysis for Water Movement from Subsurface Trickle Irrigation.
* Salt Distribution in a Soil Irrigated by Subsurface Emitter.
* Water Movement through Soil under Drip Irrigation Using Different Models of Root Uptake

اطاريح الدكتوراه الذي اشرف عليها