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| مدرس دكتور | الدرجة العلمية |
| 1. **Impact of Different Pumping Scenarios on Groundwater Level and Seawater Intrusion into the Tripoli Aquifer** 2. **Evaluation of Pier-scour Predictions for Wide Piers Using Field Data** 3. **Permeable Channel Cross Section for Maximizing Stormwater Infiltration and Seepage Rates** 4. **Simulation and Optimization of Multiple Points Hedging Policies for Operation of Cameron Highland Hydropower Reservoir System, Malaysia** 5. **Experimental Investigation of Scour at a Channel Junctions of Different Diversion Angles and Bed Width Ratios** 6. **Scour Geometry at Long Skewed Bridge Piers under Shallow Water Flows** 7. **Comparison of Selected Pier-Scour Equations for Wide Piers Using FieldData** 8. **Prediction of Local Scour Around Wide Bridge Piers Under Clear-water Conditions** 9. **Groundwater Pollution Vulnerability Assessment Using A New GIS-Based DRASTIC Method** 10. **Clear-water scour at long skewed bridge piers** 11. **An Evaluation of Existent Methods for Estimation of Embankment Dam Breach Parameters** 12. **Modeling the Effect of Sediment Coarseness on Local Scour at Wide Bridge Piers** 13. **Scour geometry at long skewed bridge piers under shallow water flows** | البحوث المنشورة |

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| 1. **Predction Scour at River Bridge Abutments over Time** 2. **Object-based Classification of QuickBird Image and Low Point Density LIDAR for Tropical Trees and Shrubs Mapping** 3. **Optimization of Exclusive Release Policies by Using Genetic Algorithm** 4. **Generalized regression neural network for prediction of peak outflow from dam break** 5. **Artificial Nural Network for Modeling Rainfall-Runoff** 6. **Assessment of Using Synthetic Polymers in Dewatering of Sewage Sludge** 7. **Assessment of Using Hollow Fibre Microfiltration in Treating Lake Water** 8. **Consruction Scour Analaysia at Protruding Bridge Abutment** 9. **Dual Polyelectrolytes Incorparting Moringa Oleifera in Dewatering of Sewage Sludge** 10. **Influence of Extracted and Freeze-drying Durations on the Effectiveness of Moringa Oleifera Seeds Powder as Natural Coagulant** 11. **Local Scour at Piled Bridge Piers Including and Examination of the Superposition Method** 12. **Clear Water Scour around Pile Groups in Shallow Water Flow** | البحوث المنشورة |
| **Urban Water Management, Urban Stormwater Management, River Restoration, Hydraulic and Hydrologic Modelling, Sedimentation and Scouring, Groundwater and Wells, , Water Quality Modelling, Advancement in Water and Wastewater Treatments** | الاتجامهات البحثية |
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