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| ▼ الاسم المستخدم في نشر البحوث حسب الكوكل سكولر :Al-Hadidi Maysam Th. |

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| ▼ الاتجاهات البحثية : **Soil mechanics , Soil Improvement , Slope Stability , Geotechnical Engineering, Soil Erosion , Soil Characterization , Soil Physics , Reinforced Soil , Soil Classification , Soil Chemistry** |

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| ▼ الدرجة العلمية: استاذ مساعد |

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| ▼ الأبحاث المنشورة |
| * **Slope Stability of Embankments By the finite Element Method** * **Stability of Unreinforced and Reinforced Embankments on Soft Soils** * **Effect of berms on development of failure in slopes.** * **The Equivalent Grain Diameter for Soil Specific surface determination** * **Assessment of Equivalent Grain Diameter for Soil Specific Surface Determination** * **Theoretical Simulation of Stress-Strain Relations for Some Iraqi Clays Using the Endochronic Model** * **The effect of Tow Type of Plows with Four Speeds on the Field Capacity and Bulk Density** * **Correction Procedure for the Determination of Soil Specific Surface** * **A Proposed Procedure for Analyzing Reinforced Embankments.** * **Derivation of a New Equation to Obtain the Permeability Coefficient of Clayey Soils** * **Effect of change in the coefficient of permeability on consolidation characteristics of clays** * **A Procedure for Analyzing Reinforced Embankments** * **Reduce the Required time For Measuring the Permeability of Clayey Soils by Using New Manufactured Cell** * **Total and matric suction in unsaturated soil with the existence of different salt contents** * **Effect of Salt Content On Total and Matric Suction of Unsaturated Soils** * **Optimization of the Time Required for Determination of the Total Dissolved Salts in Soil** * **A New Method to Increase The Ability of The Water For Dissolving Total Salts in Soil by Using The Magnetism** * **Estimate The Ratio of Total Dissolved Salts From The Hydrometer Test Results** * **Derive a New Equation to Find the Total Resolved Salts in Soil by Applying the Hydrometer Test** * **Improvement of earth canals consctructed on a gypseous soil by cement** * **The Compressibility Of Clayey Soils Reinforced With Fiberglass** * **Estimation of the total dissolved salts by hydrometer test** * **Crude oil effect on the clayey soil mechanical and physical properties** * **Improvement of the gypsum soil by using plyurethane to reduce erosion and solubility of irrigation canals** * **Improvement of the gypseous soil properties by using non-traditional additives** * **Improvement of earth canals constructed on a gypseous soil by cement mixture** * **The rational system effect on seepage from the cement-treated gypsum canals** * **Improvement of the gypseous soil properties by using copolymer and Styrene-butadiene rubber** * **Finite Element Analysis of Seepage for Hemrin Earth Dam Using Geo-Studio Software** * **Improvement of Gypsum Soil Properties by using Novolac polymer** * **Impact of Rationing on the Properties of Cement-Treated Gypsum Canal** * **Seepage and Slope Stability Analysis for Hemrin Earth Dam in Iraq Using Geo-Studio Software** * **Durability of Gypsum Soil Treated by Using Polyurethane Polymer.** |

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| ▼ رسائل الماجستير الذي اشرف عليها |

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|  | **Verification of The Validity of Using Cement for Improving Earth Channels** | * **1** |
|  | **Improvement of Gypsum Soil By Using Polyurethane to Reduce Solubility and Corrosion of Irrigation Canals.** | * **2** |
|  | **Impact of rationing on the properties of cement-treated gypsum canal** | * **3** |
|  | **Improvement of Gypseous Soil properties by using non-traditional additives.** | * **4** |
|  | **Analysis of Potential of Liquefaction In Hemrin Earth Dam Under Seismic Impact** | * **5** |
|  | **Impact of wetting – drying and soaking –drying cycles on the properties of gyperate soil treated by polyurethane polyemer.** | **6** |