



سوسن رشيد محمد الزبيدي

دكتوراه في الهندسة المدنية
ماجستير في الهندسة المدنية
قسم الهندسة المدنية كلية الهندسة جامعة بغداد
البريد الالكتروني الرسمي

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الاسم المستخدم في نشر البحوث حسب الكوكل سكولر

Sawsan Rasheed Mahmmad

الاتجاهات البحثية

Construction management

الدرجة العلمية

Professor



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▼ الأبحاث المنشورة

- Using a computer model for selecting the excavation method and equipment for irrigation projects.
- Developing an information basis of an expert system to know the extent of fitness of cement tiles for usage.
- Developing an information basis of an expert system to measure the compression force on the concrete samples through non destruction test of samples.
- Feasibility studies and projects profitability methods.
- Quality control to use one of the concrete roofs by using control charts methods.
- Solving critical path with linear programming.
- Simulation model of production planning for construction concrete units factories.
- Linear model of production planning for construction concrete units factories.
- Statistical quality control of the concrete blocks .
- Resource leveling using genetic algorithms.
- Construction delay analysis using delay windows techniques.
- Neural network for estimating the production of ceramic to walls.
- Development of integrated computer system for building information modeling.
- Proposed quality control system for construction concrete unites factories.
- Resources allocation and management for multiple projects



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using GIS.

- Construction management plane and safety
- Application of Artificial Neural network model for estimating productivity of brick works))
- Development a proposed system of organization structure to Management multi construction projects
- Enhancing construction project scheduling using fuzzy mathematical model.
- Management and risk analysis causing claims in construction projects,
- Laws, regulation and official instruction affecting the control of management and planning of the cost in construction projects.
- Affordable Housing and Ways to Achieve Lower Cost and Less Period of Time
- Procurement management and sustainability strategies for construction projects in Iraq.
- Developing a decision support system for risk management in irrigation and redamation projects in Iraq.
- An integrated framework for sustainable development urban planning in Iraq cities.
- Managing the cash flow for improving profitability of construction projects.
- MAINTENANCE MANAGEMENT IN IRAQI GOVERNMENT BUILDINGS
- Risk Management for Earthworks Equipment
- Forecasting Productivity of Scraper
- Using Analytical Network Process to Find Priorities' Weights of



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Contractors Pre-Qualification.

- pre-qualification of contractors in Iraq

▼ الكتب والمؤلفات

- Book No. 1
- Book No. 2



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رسائل الماجستير الذي اشرف عليها ▼

- Optimization of Resource Allocation and Leveling Using Genetic Algorithms
- Neural network for estimating the production of ceramic to walls and floor.
- Construction delay analysis using delay windows techniques.
- Development of integrated computer system for building information modeling.
- Resources allocation and management for multiple projects using GIS.
- Construction management plane and safety
- Application of Artificial Neural network model for estimating productivity of brick works))
- Development a proposed system of organization structure to Management multi construction projects
- Management and risk analysis causing claims in construction projects,
- Laws, regulation and official instruction affecting the control of management and planning of the cost in construction projects.
- Affordable Housing and Ways to Achieve Lower Cost and Less Period of Time
- Managing the cash flow for improving profitability of construction projects.
- Contractors Prequalification By Analytic Network Process (NAP) in Iraq)



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- Evaluation of overhead cost in Iraq construction industry.
- Reducing time delay in Iraqi construction projects by using agile construction management projects.
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▼ اطاريح الدكتوراه الذي اشرف عليها

- Procurement management and sustainability strategies for construction projects in Iraq.
- Enhancing construction project scheduling using fuzzy mathematical model.
- Developing a decision support system for risk management in irrigation and redamation projects in Iraq.
- An integrated framework for sustainable development urban planning in Iraq cities.
- Development a frame work for integrating sustainability into building regulations for affordable housing project in Iraq.