



السيرة الذاتية أ.د / حسام الدين حسنى محمد



١- البيانات الشخصية:

اسم	: حسام الدين حسنى محمد بديع
تاريخ الميلاد	: ١٩٦٤-٧-٢٢
محل الميلاد	: دمياط - مصر
الجنسية	: مصري
العنوان	: قسم هندسة التشييد المرافق - كلية الهندسة - جامعة الزقازيق - الزقازيق ٤٤٥١٩ - مصر
الوظيفة الحالية	: أستاذ - كلية الهندسة - جامعة الزقازيق
البريد الإلكتروني	: Hosny_hosm64@yahoo.com
التليفون	: ٠٥٥-٢٢٤١٤٠٩ (٠٠٢)، محمول ٠١٢٢٣٥٤٣٣١ (٠٠٢)
الحالة الاجتماعية	: متزوج وله بنتان
التخصص العام	: الهندسة المدنية
التخصص الدقيق	: ادارة مشروعات التشييد

٢- التعليم والتدرج الوظيفى:

أستاذ	: حاصل على درجة أستاذ في هندسة التشييد سبتمبر ٢٠١٣
دكتوراه	: ابريل ١٩٩٧ هندسة التشييد - كلية الهندسة - جامعة الزقازيق.
عنوان الرسالة	: التخطيط الفعال لاحتلال معدات التشييد باستخدام اسلوب المحاكاة
ماجستير	: سبتمبر ١٩٩٢ هندسة التشييد - كلية الهندسة - جامعة الزقازيق.

عنوان الرسالة : دراسة العمر الاقتصادي لمعدات التشييد فى مصر
البكالوريوس : مايو ١٩٨٧ بتقدير جيد جدا مع مرتبة الشرف.

التدرج الوظيفي:

١٩٩٢-١٩٨٧ : معيد بقسم هندسة التشييد - كلية الهندسة - جامعة الزقازيق.

١٩٩٧-١٩٩٢ : مدرس مساعد بقسم هندسة التشييد - كلية الهندسة - جامعة

الزقازيق.

٢٠٠٨-١٩٩٧ : مدرس ادارة المشروعات - قسم هندسة التشييد - كلية الهندسة -

جامعة الزقازيق.

٢٠١٣-٢٠٠٨ : أستاذ مساعد ادارة المشروعات - قسم هندسة التشييد - كلية

الهندسة - جامعة الزقازيق.

٢٠١٣-الآن : أستاذ ادارة المشروعات - قسم هندسة التشييد - كلية الهندسة -

جامعة الزقازيق.

٢٠١٧ - ٢٠١٤ : رئيس قسم هندسة التشييد والمرافق - كلية الهندسة - جامعة الزقازيق

2024-2018 عميد المعهد العالى للهندسة والتكنولوجيا - الزقازيق

٣- خبرة التدريس:

المناهج الدراسية : ادارة مشروعات التشييد لطلبة مرحلة البكالوريوس

:

المشاركة فى وضع والأشراف على مشروع ادارة المشروعات لطلبة

البكالوريوس منذ عام ١٩٩٠ حتى الآن.

الادارة المالية فى التشييد :

الطرق الكمية . :

ادارة معدات التشييد.

اقتصاديات التشييد.

٤ - الاهتمامات البحثية:

الادارة المالية لمشروعات وشركات التشييد :

ادارة معدات التشييد :

٥ - الإشراف على الرسائل:

درجة الماجستير : ٣٧ طلبة لدرجة الماجستير (تم منحهم).

درجة الدكتوراه : عدد ٩ دكتوراه (تم منحها).

٦ - اللغات:

العربية : اللغة الأصلية.

الإنجليزية : إجادة كتابة وقراءة وتحدث.

٧ - العضوية في الجمعيات المتخصصة:

عضو في : نقابة المهندسين المصرية منذ ١٩٨٧ حتى الآن.

٨ - الاشتراك في مشاريع بحثية:

الاشتراك في مشروع تطوير صناعة التشييد في مصر قرص ٢٤٦٠ - :

EGT - البنك الدولي

الاشتراك في العديد من المؤتمرات الدولية والمحلية بالحضور وإلقاء

أبحاث بها.

Thesis Supervised:

- 1- Ibrahim, A.H. (2007)." Reducing the Likelihood of Construction Disputes Using an Expert System" Ph.D. Thesis presented to the Faculty of Engineering, Zagazig University, Zagazig, Egypt.
- 2- Sabry, A. (2007)." Debt Capacity of Construction Companies in Egypt" M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo Branch, Egypt.
- 3- Massoud, H.H. (2009). "Predicting the Expected Cost of Finance for Construction Projects Using Neural Networks." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Alex, Egypt.
- 4- El.Hamaky, A.Z. (2009)." Forecasting Cost-Flow for Construction Projects." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Alex., Egypt.
- 5- El.Sawy, I.Y. (2010). "Assessment of Overhead Cost of Building Construction Projects." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo Branch, Egypt.
- 6- Khawasik, K.K. (2010)." Construction Material Waste Assessment Using Artificial Neural Network." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Alex., Egypt.
- 7- Hosny, H.H. (2011)." Time Contingency Assessment in Construction Projects Using Artificial Neural Network." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo Branch, Egypt.
- 8- Abd Elbaset, N. (2011)." Selecting a Suitable Contract Strategy for Construction Project in Egypt."M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo Branch, Egypt.
- 9- Farghaly, K. (2011). "Modeling the Financial Performance of Construction Companies Using Artificial Neural Network." M.Sc. Thesis presented to the College of Engineering

and Technology, Arab Academy for Science and Technology and Maritime Transport, Alex, Egypt.

- 10- Tawfeek, H.Sh. (2011). "Assessment of the Expected Cost of Quality (COQ) in Construction Projects in Egypt." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo Branch, Egypt.
- 11- Khairy, A. (2012). "Impact of Payment Delay on the Contractor Performance." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Alex., Egypt.
- 12- Thabet, D.A. (2012). "Predicting of Production Rate for Excavation Operation." Ph.D. Thesis presented to the Faculty of Engineering, Zagazig University, Zagazig, Egypt.
- 13- Alshenawy, H. (2012). "Parametric Cost Estimating for Sewage Pipeline Projects Using Neural Network." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Alex., Egypt.
- 14- Anees, M. (2012). "Evaluation of Change Management Efficiency of Construction Contractors." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.
- 15- Albatal, A. (2013). "Effect of Inadequate Soil Investigation on the Cost and Time of Construction Projects." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.
- 16- Saaied, B. (2013). "Effect of Re- Organization on the Performance of the Egyptian Economical Organization for Water and Wastewater." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.
- 17- Massoud, H.H. (2013). "Assessment of Construction, Net Profit and Annual Work Volume Using Neural Companies ' Working Capital Network via Genetic Algorithm Model." Ph.D. Thesis Presented to the Faculty of Engineering, Zagazig University, Zagazig, Egypt.
- 18- Asal, E.M. (2014). "Factors Affecting Building Construction Projects Cost Estimating." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.

- 19- Zaki, A.R. (2014). "Risk Factors in Construction Projects Cash- Flow Analysis." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.
- 20- Mattar,W. (2014). "Optimum Organization Structure for Construction Projects." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Alex., Egypt.
- 21- El- Agezi, T.M. (2014). "Selection of a Suitable Delay Analysis Method for Construction in Egypt." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.
- 22- Abowarda, A.S. (2014). "Appraise the Social and Economic Value of Irrigation Water and its Environmental Performance."M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University, Zagazig, Egypt.
- 23- Eldosoky, I.A. (2014). "Management of Construction Cost Contingency."M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University, Zagazig, Egypt.
- 24- Nabawy, M.A. (2014). "Risk Management in Sewage Networks Projects." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.
- 25- Kholaf, W.S. (2015). "Analysis of Time and Cost Overrun in Educational Buildings in Egypt." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.
- 26- Zahran, M.S. (2015). "Parametric Cost Estimating of Sterile Building Using Artificial Neural Network and Genetic Algorithm Model." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.
- 27- Soliman, A.A. (2015). "Effective Claims Management to Reduce Risks of Construction Disputes."M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University, Egypt.
- 28- Zayed, M.M. (2015). "Planning of Proposed Route Network and Its Role in Supporting the National Project of Developing SINAI." M.Sc. Thesis Presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.
- 29- El-Nagar, R. I. (2016). "Development of a Safety Performance Index for Construction Projects." M.Sc. Thesis Presented to the Faculty of Engineering,

Mansoura University, Egypt.

- 30- El-Nagar, H.H. (2016). "Pre-Tender Cost Estimating of Irrigated Surface Drainage." M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University, Egypt.
- 31- Abdel Meguieed, O.M. (2016). "Risk Management in the Construction of Gas Plants and Gas Pipelines Projects in Egypt." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Cairo, Egypt.
- 32- Kheder, S.R. (2017). "Applying SWOT Analysis to the Egyptian Construction Companies." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Alex., Egypt.
- 33- Ragh, M. O. (2017). "Sustainability Requirements of Concrete Structures within the Egyptian Code." M.Sc. Thesis Presented to the Faculty of Engineering, Mansoura University, Egypt.
- 34- Bendary, A.M. (2018). "Modeling the Production Rate of Flat Slab Rebar Installation Labor." M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University, Egypt.
- 35- ELshafei, R.S. (2018). "Explore Material Selection to Contribute to Sustainable Building Using Value Engineering Methodology." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Alex., Egypt.
- 36- Abou ELkheir, M.M (2018). "Evaluation of Organizational Flexibility (OF) of Construction Companies in Egypt." M.Sc. Thesis presented to the College of Engineering and Technology, Arab Academy for Science and Technology and Maritime Transport, Alex., Egypt.
- 37- ELMalt, A.E. (2019). "Quality of Tender Documents." M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University, Egypt.
- 38- Lotfy, A.H. (2019). "Optimization Analysis for Improving the Performance of Regional Kinematic GNSS Networks." M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University, Egypt.
- 39- El Touny, A.S. (2022). "An Integrated Sustainable Performance Management Framework for the Egyptian Construction Companies." Ph.D. Thesis Presented to the Faculty of Engineering, Zagazig University, Zagazig, Egypt.
- 40- El dars, E.A. (2022). "Sustainable Development of Infrastructure Projects." Ph.D.

- Thesis Presented to the Faculty of Engineering, Zagazig University, Zagazig, Egypt.
- 41- Elnady,A. (2022). “Management of Construction Projects Complexity.” M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University.
- 42- Soliman, A.A. (2022). "Optimization of Cost and Schedule under Resource Constraints."Ph. D. Thesis Presented to the Faculty of Engineering, Zagazig University, Egypt.
- 43-Abdel-Aziz, N. (2023). “Impact of Motivation on Construction Labor Productivity in Egypt.” M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University.
- 44-Abd El aziz, O. (2024). "A Novel Machine Learning Model for Estimation of Sale Prices of Real Estate Units."Ph. D. Thesis Presented to the Faculty of Engineering, Zagazig University, Egypt.
- 45-) Elsaeed, Sh. (2024) “Prediction of Construction Material Prices.” M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University.
- 46-) Mergawy, R.T. (2024) “Development of Decision Support Model for Contractor Selection.” M.Sc. Thesis Presented to the Faculty of Engineering, Zagazig University.

List of Publications:

- 1) Basha, I. M., Mohieldin, Y.A., and Mohammed, H.H. (1994). "Optimum Replacement life of Construction Equipment in Egypt." Fifth International Colloquium on Concrete in Developing Countries, Cairo, Egypt.
- 2) Basha, I. M., Mohieldin, Y. A., Nosair, I. A., and Mohammed, H.H. (1994). "A profit Maximization Model for Construction Equipment Replacement." First International Conference for Building and Construction (Inter Build 94), Cairo, Egypt.
- 3) Nawara, G. M., Mohieldin, Y.A., and Mohammed, H.H. (1998). "Construction Equipment Replacement Planning, A Simulation Approach." Civil Engineering Research Magazine (CERM), AL- Azhar University, Cairo, Egypt, Vol. (19), No.(7), pp. 772-789.
- 4) Mohammed, H.H. (2000). "Required Rate of Return for Construction Companies in Egypt." 7th International Conference for Building and Construction (Inter Build 2000), Cairo, Egypt, June, 22-26, 2000.
- 5) Wassif, kh. M., and Mohammed, H.H. (2002). "Life Cycle Cost of Lifting Pumps in IIP Private Mesqua." III Middle East Regional Conference on Civil Engineering Technology, ASCE-EGS, Cairo, Egypt, April, 8-10,2002.

- 6) Wassif, kh. M., and Mohammed, H.H. (2003). "Development of a Simulation Model to Predict IIP Price on the Mesqa level." 10th International Conference for Building and Construction (Inter Build 2003), Cairo, Egypt, June, 19-23, 2003.
- 7) Mohammed, H.H., El-Darweesh, A., and Hassan, H. (2003). "A Microcomputer Spreadsheet System for Construction Equipment Cost Control". 10th International Conference for Building and Construction (Inter Build 2003), Cairo, Egypt, June, 19-23, 2003.
- 8) Nawara, G.M., Mohieldin, Y.A., and Mohammed, H.H., (2003). "A Data Base System for Construction Equipment Management." Civil Engineering Research Magazine (CERM), Al-Azhar University, Cairo, Egypt, Vol.(25), No.(2), PP. 885-891.
- 9) Wassif, kh. , and Mohammed, H.H. (2004). "Economic Evaluation of the Irrigation Improvement Project (IIP) Using Benefit Cost (B/C) Method". The Egyptian Journal for Engineering Sciences and Technology (EJEST), Zagazig University, Zagazig, Egypt, Vol. (8), No. (1), PP. 91-102.
- 10) Mohammed, H. H., and Kamal Eldin, Kh. (2004). "Construction Equipment Cost Elements." 11th International Conference for Building and Construction (Inter Build 2004), Cairo, Egypt, June 17-21, 2004.
- 11) Mohammed, H.H., (2004). "A Survey for the Main Aspects of the Construction Contracting Method." 11th International Conference for Building and Construction (Inter Build 2004), Cairo, Egypt June, 17-21, 2004.
- 12) Mohammed, H.H., (2005). "Construction Equipment Purchase Decision, Using After Tax Analysis." Al-Azhar, University Engineering Journal, AUEJ, Al-Azhar University, Cairo, Egypt, Vol. (8), No. (11), PP. 345-350.
- 13) Mohammed, H.H., (2006). "Construction Project Cost Estimating, Using a Spreadsheet System." Al-Azhar University Engineering Journal, AUEJ, Al-Azhar University, Cairo, Egypt, Vol.(9), No.(2), PP.332-338.
- 14) Abd El-Razek, M.E., Mohammed, H.H., and Sabry, A. (2007). "Capital Structure and Debt Capacity of Construction Companies." Journal of Al-Azhar University Engineering Sector (JAUES), Al-Azhar University, Cairo, Egypt, vol.(2), No.(3), pp.431-450.
- 15) Nosair, LA., Mohammed, H.H., and Ibrahim, A.H. (2007). "EXSCD, an Expert System for Construction Disputes." Mansoura Engineering Journal (MEJ), Mansoura University, Egypt, vol.(32), No.(2), pp.C.48 - C.57.

- 16) El Kasass, E.M, Mohamad, H.H, and Massoud, H.H. (2009). "Sensitivity Analysis for the Main Factors Affecting the Construction Projects Cost of Finance" *Ain Shams Journal of Civil Engineering (ASJCE)*, Vol. (1). March, 2009, PP. 257-265.
- 17) El Kasass E.M., Mohamad H.H., and Massoud H.H. (2009). "The Neural Network Model for Predicting the Financing Cost for Construction Projects." *Int J. Project organisation and Management (IJPOM)*, Inderscience, Vol.(1). No. (3), 2009, PP. 321-334.
- 18) Abd El- Razek M.E., Mohamad, H.H., and Hamaky A.Z. (2009)." Construction Projects Cash Flow Prediction Using Cost Flow Models." *Journal of Al Azhar University Engineering Sector (JAUES)*, Vol, (4), No. (12), July 2009, PP.748-761.
- 19) Abd El- Razek M.E., Mohamad H.H., and Tawfeek, H.Sh. (2010)." Factors Affecting Cost of Quality in Construction Projects in Egypt." *Journal of Al Azhar University Engineering Sector (JAUES)*, Vol. (5), No. (16), July 2010, PP.936 -949.
- 20) El-Sawy I.Y., Abd El- Razek M.E., and Mohamad H.H. (2010). "Factors Affecting Site Overhead Cost for Building Construction Projects." *Ain Shams Journal of Civil Engineering (ASJCE)*, Vol. (2), September 2010, PP. 95 - 112.
- 21) El Kasass, E.M., Mohamad, H.H., Bassouiny,H.M. and Farghaly,K.M. (2010)." Impact of Macroeconomic Factors on the Performance of Construction Companies." *Ain Shams Journal of Civil Engineering (ASJCE)*, Vol. (2), September 2010, PP. 113-123.
- 22) El Kasass, E.M., Mohamad H.H., and Massoud H.H.(2010) " Using Neural Networks to Assign the Maximum Capital Required Due Date for Construction Projects." *Proceedings of the Seventh International Conference on Engineering Computational Technology, Valencia, Spain,14-17 September 2010.*
- 23) Mohamad, H.H., Abd El- Razek M.E., and Abd El-Baset N. M. (2010)." Factors Affecting The Selection of A Suitable Contract Strategy for Construction Projects in Egypt." *Housing and Building Research Centre (HBRC) Journal*, Vol. (6), No. (3), December 2010, PP. 78 - 92.
- 24) El- Kasass, E.M., Mohamad, H.H., and Khawasik,K.K. (2010). "Factors Affecting Construction Materials Wastage." *Proceedings of the Seventh Alexandria International Conference on Structural and Geotechnical Engineering, Alexandria, Egypt, 27-29 December 2010.*
- 25) El-Kasass, E.M., Mohamad, H.H., Bassouiny,H.M.and Farghaly,K.M. (2010). "Modelling the Financial Performance of Construction Companies, Using Artificial

- Neural Network." Proceedings of the Eleventh International Conference on Information Technology (ACIT 2010), Benghazi, Libya, 14-16 December 2010.
- 26) Yahia H.H., Mohamad H.H., and Abd El- Razek M.E. (2011). "Factors Affecting Time Contingency in Construction Projects in Egypt." Housing and Building Research Centre (HBRC) Journal, Vol. (7), No. (1), April 2011, PP. 87 - 99.
- 27) El-Sawy I.Y., Hosny H., and Abd El- Razek M.E. (2011). "A Neural Network Model for Construction Projects Site Overhead Cost Estimating in Egypt." International Journal of Computer Science Issues (IJCSI), Vol. (8), Issue (3), No. (1), May 2011, PP. 273 - 283.
- 28) Yahia H., Hosny H., and Abd El- Razek M.E. (2011)." Time Contingency Assessment in Construction Projects in Egypt Using Artificial Neural Network Model." International Journal of Computer Science Issues (IJCSI), Vol. (8), Issue (4), No. (2), July 2011, PP. 523 - 531.
- 29) Abd El-Baset N. M., Mohamad H.H.,and Abd El- Razek M.E.(2011)." Selecting of a Suitable Contract Strategy for Construction Projects Using Artificial Neural Network Model." Housing and Building Research Centre (HBRC) Journal, Vol. (7), No. (2), August 2011, PP. 102 - 115.
- 30) Elbeltagi,E., Mohamed,H.H.,and Thabet,D.A.(2012). "Neural Network and Multiple Regression Models for Estimation of Production Rates in Excavation Operations."The Egyptian International Journal of Engineering Science and Technology, Faculty of Engineering , Zagazig University, Vol.(15), No.(1),Jan.2012,pp.1006 – 1016.
- 31) Elbeltagi,E., Mohamed ,H.H., and Thabet,D.A.(2012)."Modelling Excavation Operation in Building Projects – A Simulation Approach." The Egyptian International Journal of Engineering Science and Technology, Faculty of Engineering , Zagazig University, Vol. (15), No.(1),Jan.2012,pp.1051 – 1059.
- 32) Albatal, A., Kotb,A.S.,and Mohammad,H.H.(2012)." Effect of Inadequate Site Investigation on the Cost of Road Construction (Case Study)." Engineering Research Journal, Faculty of Engineering Mataria, Helwan University, Vol. (134), June, 2012, pp. C11 – C20.
- 33) El-kassas,E., Khairy ,A.,and Mohamed, H.H. (2012). "Impact of Payment Delays on Contractors Performance in Egypt." Journal of Al Azhar University Engineering Sector (JAUES), Vol, (7), No. (24), July 2012, PP.1265-1279.

- 34) Mohamad,H.H.,Ibrahim,A.H.,and Massoud,H.H.(2012). "Assessment of the Expected Construction Company' s Annual Work Volume Using Neural Network and Multiple Regression Models."Global Advanced Research Journal of Engineering, Technology and Innovation, Vol. (1), No. (3), June 2012, PP.063-074.
- 35) Tawfeek H. Sh., Mohamad H.H., and Abd El- Razek M.E. (2012). "Assessment of the Expected Cost of Quality (COQ) in Construction Projects in Egypt Using Artificial Neural Network Model." Housing and Building Research Centre (HBRC) Journal, Elsevier, Vol. (8), No. (2), August 2012, PP.132-143.
- 36) Ehab E. El-kassas, Hossam H. Mohamed, and Khaled k. khawasik (2012). "Assessment of Construction Materials Wastage Using Artificial Neural Network Model." The Egyptian International Journal of Engineering Science and Technology, Faculty of Engineering , Zagazig University, Vol. (15), No.(3),Sept. 2012, pp.1185 – 1193.
- 37) Hosny, H., Elkassas, I. and Fakhr Eldeen, Sh. (2013). "Construction Claims: Causes and Management Efficiency " Engineering Research Journal, Faculty of Engineering, Mataria, Helwan University, Vol. (137), March 2013, PP. C1-C22.
- 38) Anees, M.M., Mohamed, H.H., and Abdel Razik, M.E. (2012). "Evaluation of Change Management Efficiency of Construction Contractors." Housing and Building Research Centre (HBRC) Journal,Elsevier, Vol.(9), No.(1),April 2013, PP.77-85.
- 39) Nabawy, M., Hosny, H. and Khalefa, M. (2013). "Risk Management in Construction of Sewage Networks Projects." Civil Engineering Research Magazine (CERM), Vol. (35), No. (2), April 2013, PP.622-636.
- 40) EL-kassas,E., Hosny,H. and Mattar,W.(2013). "Optimum Organization Structure for Construction Projects." International Journal of Engineering Science and Innovative Technology (IJESIT), Vol. (2), No. (3), May 2013, PP.411-431.
- 41) Mohamad,H.H.,Ibrahim,A.H.,and Massoud,H.H.(2012). "Assessment of Construction Company's Working Capital Using Neural Network and Multiple Regression Models."International Journal of Decision Science (IJDS), International Sciences Press, India, Vol.(4), No.(1), January-June 2013, PP. 13-25.
- 42) Mohamad,H.H.,Ibrahim,A.H.,and Massoud,H.H.(2012). "Assessment of the Expected Construction Company's Net Profit Using Neural Network and Multiple Regression Models."Ain Shams Engineering Journal, Elsevier, Vol. (4), No. (3), September 2013, PP. 375-385.

- 43) Saeed, B., Hosny, H. and Abd El- Razek M.E. (2013). "Effect of Re-Organization on the Performance of the Egyptian Economical Organization for Water and Wastewater." *Engineering Research Journal, Faculty of Engineering, Mataria, Helwan University*, (Accepted).
- 44) Asal, E., Hosny, H. and Kotb,A.S. (2013). "Assessment of the Expected Cost Variance of Building Construction Projects in Egypt Using Neural Network Model." *The International Conference in Prospects of Engineering Solutions and Challenges of the Time 2013, Faculty of Engineering, Fayoum University*).
- 45) Kholif, W., Hosny, H., and Sanad, A. (2013). "Analysis of Time and Cost Overruns in Educational Building Projects in Egypt." *International Journal of Engineering and Technical Research (IJETR)*, Vol. (1), No. (10), PP. 1- 8.
- 46) Bassioni, H.A., Hosny, H.E., and El- Agezi,T.M. (2014). "Factors Affecting the Selection of a Delay Analysis Method for Construction in Egypt." *Proceedings of the Eights Alexandria International Conference on Structural and Geotechnical Engineering, Alexandria, Egypt, 14-16 Aprilr 2014*.
- 47) Zahran,M., Hosny, H., and Sanad, A. (2014). "Parametric Cost Estimating of Sterile Building using Artificial Neural Network and Genetic Algorithm Model." *International Journal of Engineering and Technical Research (IJETR)*, Vol. (2), No. (4), PP. 129 – 136.
- 48) Salah, A., Hosny, H., and Ibrahim, A.H. (2013). "Forecasting Projects Schedule Performance using Probabilistic and Deterministic Models." *Housing and Building Research Centre (HBRC) Journal (Elsevier)*, Vol. (10), PP. 35 - 42.
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