**الاسم المستخدم في نشرالبحوث حسب الكوكل سكولر** :  **Hayder A. Al Thamiry**

الاتجاهات البحثية: جميع المجالات البحثية المتعلقة بهندسة الموارد المائية ومنها هندسة المياه الجوفية والنمذجة الهيدروليكية الرياضية والفيزياوية وهندسة الري والبزل ونوعية المياه

**الدرجة العلمية:** استاذ

**الأبحاث المنشورة :**

* Riyadh Z. Al Zubaidy, Hayder A. Al Thamiry and Mahmoud S. Al Khafaji, “Hydrological Modeling of AsSanna’f Marsh”, Journal of Engineering/College of Engineering/ Baghdad University, Vol. 14 , No. 4, p 3209-3229, Dec 2008.
* Riyadh Z. Al Zubaidy, Hayder A. Al Thamiry and Mahmoud S. Al Khafaji ,” Developing Flood Discharge Capacity of Kmait River” Engineering and Technology Journal/ University of Technology , Vol. 26 , No. 4 , 2008.
* Hayder A. Al Thamiry,”Hydrological Damage of Iranian Separation Dike on the Iraqi Part of Al Huweizah Marsh”, The 6th Engineering Conference/ College of Engineering / Baghdad University (5-7 April 2009) Vol. V , p 112-126 , April 2009.
* A. H. Alkaabi, A. Ramamurthy, Hayder A. Al-Thamiry and A.A. Ali,” Modeling the Evolution of Incised Streams in Hammar Mesopotamian Marsh with emphasis on the Contribution of Tidal Flow in the Filling Requirements” , ASCE, World Environmental and Water Resources Congress 2009.
* Saddam Qahtan Alazawi and Ahmed A.M. Ali , Hayder A. Al-Thamiry, " Estimation of Runoff for Goizha-Dabashan Watershed with Aid of Remote Sensing Techniques", ”, Journal of Engineering/College of Engineering/ Baghdad University, Vol. 17 , No. 2, 2011.
* Jafar Safaa Noori and Hayder A. Al Thamiry, "[Hydraulic and statistical analyses of design emission uniformity of trickle irrigation systems](https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29IR.1943-4774.0000460)", Journal of irrigation and drainage engineering, , Vol. 138, No. 9, 2012.
* Mahmoud Saleh Al Khafaji, Riyadh Z. Al Zubaidy and Hayder A. Al Thamery ,"Impact of Using the Main Outfall Drain Water on the Water Quality within Al Hammar Marsh", First International Conference on Water Resources Engineering (11 -12 November 2012) University of Technology-Baghdad-Iraq.
* Hayder Abdulameer K AL-Thamiry, Furat Abdulsattar Haider, Anmar Joudah Jasim Al-Saadi," [Salinity Variation of Euphrates River between Ashshinnafiyah and Assamawa Cities](https://www.academia.edu/download/35175844/%D8%A8%D8%AD%D8%AB_%D8%B9%D9%86_%D9%86%D9%87%D8%B1_%D8%A7%D9%84%D9%81%D8%B1%D8%A7%D8%AA_%D8%A8%D9%8A%D9%86_%D8%A7%D9%84%D8%B4%D9%86.pdf)", Journal of Engineering/College of Engineering/ Baghdad University, Vol. 19 , 11, 2013.
* Hayder A. Al Thamiry ,Hassan M. Al-Khateeb and Riyadh Mahdi L. Albonassiriya ," Hydraulic Study of Minimizing Energy Consumption in Storm Water Pumping Station Suction Side", International Journal of Engineering Research & Technology (IJERT), Vol. 3 Issue 3, March – 2014.
* Hayder A. Al Thamiry and Ahmed Kamil Hassani," [Operation of the Iraqi Part of Al-Huweizah Marsh](http://joe.uobaghdad.edu.iq/index.php/main/article/view/291)", Journal of Engineering/College of Engineering/ Baghdad University, Vol. 21 , 12, 2015.
* Hasan Mahdi M Al-Khateeb, Hayder A. Al Thamiry and Huda Hadi Hassan "[Evaluation Of Local Scour Development Around Curved Non-Submerged Impermeable Groynes](https://www.researchgate.net/profile/Huda_Alyassiry/publication/318900671_Evaluation_Of_Local_Scour_Development_Around_Curved_Non-Submerged_Impermeable_Groynes/links/598db5b1a6fdcc58acc05a98/Evaluation-Of-Local-Scour-Development-Around-Curved-Non-Submerged-Impermeable-Groynes.pdf)", International Journal of Scientific & Technology Research, Vol. 5,Issue 1,2016.
* Hayder A. Al Thamiry and Taymaa Maziad AbdulAzeez,"Two Dimensional Mathematical Model to Study Erosion Problem of Tigris River Banks at Nu’maniyah", Journal of Engineering/College of Engineering/ Baghdad University, Vol. 23 , No. 1, 2017.
* Mohammed Sadeq Abdulwahid Abdulridha and Hayder A. Al Thamiry,"[Hydraulic Analysis of the Samarra-Al Tharthar System](http://joe.uobaghdad.edu.iq/index.php/main/article/view/50)", Journal of Engineering/College of Engineering/ Baghdad University, Vol. 23 , No. 4, 2017.
* Hasan Mahdi M Al-Khateeb, Hayder A. Al Thamiry and Ali Hussein Athab, "'Investigating the Setting of the Entrance of Multiple Vertical Suction Pipes in Storm Water Pump Station", International Advanced Research Journal in Science, Engineering and Technology, Vol. 4 , No. 8,2017
* Mahmoud Al-Khafaji, Hayder Al Thamiry, Ala Al-Saedi, "[Possibility of reusing Al-Machraya River for feeding Hawizeh marsh](https://www.matec-conferences.org/articles/matecconf/abs/2018/21/matecconf_bcee32018_03004/matecconf_bcee32018_03004.html)" MATEC Web of Conferences, Vol. 162, P.P. 03004, 2018.
* Sadeq Oleiwi Sulaiman, Ghassan Al-Dulaimi and Hayder Al Thamiry ,"[Natural Rivers Longitudinal Dispersion Coefficient Simulation Using Hybrid Soft Computing Model](https://ieeexplore.ieee.org/abstract/document/8648569/)", 2018 11th International Conference on Developments in eSystems Engineering (DeSE),2018.
* Ali Khairi Ibrahim, Hayder A. Al Thamiry,"[Experimental Study of Local Scour Around Elliptic and Semi-parabolic Groynes in Straight Channels](https://jaaru.org/index.php/auisseng/article/view/195)", Association of Arab Universities Journal of Engineering Sciences, Vol. 25 ,No.4,2018.
* Ahmad Dnan Abbass and Hayder A.K. Al-Thamiry,"Field Evaluating of Wetting Pattern from Surface Drip Irrigation System for Sand and Sandy Loam Soils", Association of Arab Universities Journal of Engineering Sciences, Vol. 26, No. 2,2019.
* Kareem Abd Ali Kareem and Hayder A.K. AL-Thamiry," [Identification of Scouring Zones in Ungauged River by Simulation: The Case of Galal Badrah River, Iraq](https://jaaru.org/index.php/auisseng/article/view/327)", Association of Arab Universities Journal of Engineering Sciences ,Vol. 26, No. 3,2019.
* Atheer Ghazi Shayea and Hayder A. Al Thamiry,"Effect of Tail Regulators on the Flood Capacity of Euphrates River at Annassiriyah City", Journal of Engineering/College of Engineering/ Baghdad University, Vol. 26 , No. 1, 2020.
* Ali M. Farhana and Hayder A. Al Thamiry ,"[Estimation of the Surface Runoff Volume of Al-Mohammedi Valley for Long-Term period using SWAT Model](https://uoanbar.edu.iq/journals/ijce/catalog/183107.pdf)", IRAQI JOURNAL OF CIVIL ENGINEERING, Vol. 14 , No. 1,2020.
* Hussein Shanan A AL-Zaidy, Hayder Abdulameer K Al-Thamiry,"[prediction Capacity of Euphrates River at Assamawa City](http://joe.uobaghdad.edu.iq/index.php/main/article/view/j.eng.2020.04.08)", Journal of Engineering/College of Engineering/ Baghdad University, Vol. 26 , No. 4, 2020.
* Ali Fakhri Kadhim and Hayder A. Al Thamiry, "[Computation of Critical Submergence Depth to Avoid Surface Vortices at Vertical Pumps Intakes](http://joe.uobaghdad.edu.iq/index.php/main/article/view/j.eng.2020.08.05)", Journal of Engineering/College of Engineering/ Baghdad University, Vol. 26, No. 8, 2020.
* Ghaith Mohammed Ali .M. AL-Saffar and Hayder Abdulameer. K. AL-Thamiry,"[Performance Evaluation of Pump Station of Main Outfall Drain in AL Nassiriyah City](http://joe.uobaghdad.edu.iq/index.php/main/article/view/j.eng.2020.09.13)", Journal of Engineering/College of Engineering/ Baghdad University, Vol. 26, No. 9, 2020.
* Ahmed Mohammed Sami Al-Janabi and Wan Hanna Wan Mohtar Ibrahim Abdulrazak Al-Ani, Hayder A. Al-Thamery, Nadhir Al-Ansari,"[Multi Criteria Decision Making To Optimize The Best Runoff Control Measures For The Haditha Dam Reservoir, Iraq](https://www.diva-portal.org/smash/record.jsf?pid=diva2:1477234)",  Journal of Environmental Hydrology,Vol. 28 , article id 4,2020.
* Hayder A. Al Thamiry And Riyadh Z. Azzubaidi ,"Survey And Discharge Measurements Of The Iraqi Border Crossing Rivers", Journal of Engineering Science and Technology, Vol. 15,No. 6,2020.
* Hayder Abdulameer Al-Thamiry, Mohammed S. Shamkhi and Ghaith M. AL-Saffar ,"Investigate the Suitability of Suspended Sediment Transport Formulas in the Main Outfall Drain", Journal of Green Engineering (JGE), Vol. 10,No. 12,2020.
* Basim Sh. Abed, Mariam H. Daham and Hayder A. Al-Thamiry," Assessment and Modelling of Water Quality along Al-Gharraf River (Iraq)", Journal of Green Engineering (JGE), Vol. 10,No. 12,2020.
* H. M. M. Al-Khateeb, H. A. Al-Thamiry ,"Air entrained vortex occurrence at sump for inclined multiple intake pipes using CFD", Journal of Engineering Science and Technology, special issues , Feb. 2021.
* Ali Fakhri Kadhim and Hayder A Al Thamiry,"[Numerical Simulation to Investigate the Occurrence of Vortices at Double Vertical Pumps Intakes](https://www.jaaru.org/index.php/auisseng/article/download/488/360)", Association of Arab Universities Journal of Engineering Sciences, Vol. 28 , issue 1, 2021.
* Tasen S Al-Saadi and Hayder A Al-Thamiry,"Evaluation and development of Shatt Al-Diwaniya and the diversion canal of Shatt Al-Diwaniya", Journal of Physics: Conference Series, Vol. 1973,Pages 1-11, 2021.
* Alaa Abdula Ali and Hayder A Al-Thamiry," Controlling the Salt Wedge Intrusion in Shatt Al-Arab River by a Barrage", Journal of Engineering/College of Engineering/ Baghdad University, Vol. 27, No. 12, 2021.
* Tasen S Al-Saadi and Hayder A Al-Thamiry, " Evaluation and Development of the (Hilla – Daghara) Rivers System" , Journal of Engineering/College of Engineering/ Baghdad University, Vol. 28, No. 2, 2022.
* Montader AL Mosawi and Hayder Al Thamiry, "[Evaluation of Elaj Irrigation Project in Babil Governorate](https://www.joe.uobaghdad.edu.iq/index.php/main/article/view/1578)" Journal of Engineering/College of Engineering/ Baghdad University, Vol. 28, No. 8, 2022.
* Abdul Hameed Sadeq and Hayder A. Al Thamiry, "Evaluation of Al-Ishaqi Irrigation Project: A Case Study Eastern Canal of the Project", Journal of Mathematical Modelling of Engineering Problems,Vol.9, issue 4,2022.
* MM Altawash, and Hayder Al Thamiry, "[Velocity Patterns inside the Proposed Makhool Dam Reservoir with Different Operation Plans](https://iopscience.iop.org/article/10.1088/1755-1315/1120/1/012015/meta)", OP Conference Series: Earth and Environmental Science, Vol. 1120,issue 1,2022.

**رسائل الماجستير التي اشرف عليها**

|  |
| --- |
| * Hydraulic and Statistical Analyses of Design Emission Uniformity of Trickle Irrigation Systems. College of Engineering , University of Baghdad,M.Sc. dissertation,2011.
 |
| * Salinity Variation of Euphrates River between Ashshinnafiyah and Assamawa Cities. College of Engineering , University of Baghdad,M.Sc. dissertation ,2012.
 |
| * Operation Of The Iraqi Part Of Al-Huweizah Marsh, College of Engineering , University of Baghdad, M.Sc. dissertation ,2013.
 |
| * Hydraulic Study of Minimizing Energy Consumption in Storm Water Pumping Station Suction Side, College of Engineering , University of Kufa, M.Sc. dissertation ,2014.
 |
| * Evaluation of Local Scour Development Around Curved Non-Submerged Impermeable Groynes, College of Engineering , University of Kufa, M.Sc. dissertation ,2015.
 |
| * Hydraulic Analysis of Sammara-Al Tharthar System. College of Engineering , University of Baghdad, M.Sc. dissertation ,2015.
 |
| * Hydraulic Model and treatment of Tigris River Banks Erosion at Numaniya city. College of Engineering , University of Baghdad, M.Sc. dissertation ,2016.
 |
| * Investigating the Setting of the Entrance of Vertical Suction Pipes in Storm Water Pump Station, College of Engineering , University of Kufa, M.Sc. dissertation ,2017.
 |
| * Local Scour and Deposition at the site of Modified Curved Groynes, College of Engineering , University of Baghdad, M.Sc. dissertation ,2017.
 |
| * Validation of Some Formulas for Obtaining Wetting Pattern Under Surface Drip Irrigation, College of Engineering , University of Baghdad, M.Sc. dissertation ,2018.
 |
| * Investigation of Scour Downstream of Galal Badrah Weir, College of Engineering , University of Baghdad, M.Sc. dissertation ,2018.
 |
| * A Hydraulic Study Of The Tail Regulators Of Euphrates River Downstream Annassiriyah City, College of Engineering , University of Baghdad, M.Sc. dissertation ,2019.
 |
| * Assessment Of Sulaibat Flood Escape System, College of Engineering , University of Baghdad, M.Sc. dissertation ,2019.
 |
| * The Effect Of Sediment On The Syphon Of Main Outfall Drain In Al Nassiriya, College of Engineering , University of Baghdad, M.Sc. dissertation ,2020.
 |
| * Numerical Simulation Of Vortex Formation At The Entrance Of Vertical Suction Pipe In Water Pump Station, College of Engineering , University of Baghdad, M.Sc. dissertation College of Engineering , University of Baghdad, M.Sc. dissertation ,2020.
 |
| * Evaluation and Development of (Hilla - Diwaniya – Daghara) Rivers Control System. , College of Engineering , University of Baghdad, M.Sc. dissertation College of Engineering , University of Baghdad, M.Sc. dissertation ,2021.
 |
| * Hydraulic feasibility of the proposed barrage on shatt al-arab to control the salt wedge intrusion. , College of Engineering , University of Baghdad, M.Sc. dissertation College of Engineering , University of Baghdad, M.Sc. dissertation ,2021.
 |
| * Evaluation of a Selected Irrigation Projects within Babil Governorate. , College of Engineering , University of Baghdad, M.Sc. dissertation College of Engineering , University of Baghdad, M.Sc. dissertation ,2022.
 |
| * Evaluation of Farm Irrigation at Al Ishaqi Project, , College of Engineering , University of Baghdad, M.Sc. dissertation College of Engineering , University of Baghdad, M.Sc. dissertation ,2022.
* Hydraulic Simulation of the Flow Patterns Inside the Reservoir of Makhool Dam, College of Engineering , University of Baghdad, M.Sc. dissertation College of Engineering , University of Baghdad, M.Sc. dissertation ,2022.
 |