الاسم المستخدم في نشرالبحوث حسب الكوكل سكولر:Thamer Ahmad Mohammad

الاتجاهات البحثية: Hydrological and Hydraulic Modeling ,Scouring and Sedimentations,Urban Water Management, Desalination and Renewable Energy, Hydraulic Structures, Groundwater Engineering

الدرجة العلمية: استاذ

الأبحاث المنشورة: Selected papers (2016-2021)

1. Wissam H. Alaweea, Hayder A. Dhahad, Thamer A. Mohammad (2021). “Enhancement of solar still productivity using absorber plate with inclined perforated rectangular fins: an experimental study with economic analysis” Desalination and Water Treatment, 213 (2021) 53–63. doi: 10.5004/dwt.2021.26730
2. Wissam H. A., Yousef A. A., Badronnisa Y., **Thamer A. Mohammad** , Hayder A. D. (2020). “Variation of Coefficient of Friction and Friction Head Losses Along a Pipe with Multiple Outlets” Water 2020, 12, 844, 1-15; doi:10.3390/w12030844.

1. Rabia Alsghayer, Ali Salmiaton , **Thamer Ahmad Mohammad** , Azni Idris and Che Fauziah Ishak (2020). “Removal Efficiencies of Constructed Wetland Planted with Phragmites and Vetiver in Treating Synthetic Wastewater Contaminated with High Concentration of PAHs” Sustainability 2020, 12, 3357; doi:10.3390/su1208335.
2. Nashwan Kamalaldeen Alomari, Badronnisa Yusuf, Thamer Ahmad Mohammad, Abdul Halim Ghazali (2020). “Influence of diversion angle on water and sediment flow into diversion channel” International Journal of Sediment Research, 35(6), 600-608.
3. Rabia Alsghayer, Ali Salmiaton , **Thamer Ahmad Mohammad** , Azni Idris and Che Fauziah Ishak (2020). “Removal Efficiencies of Constructed Wetland Planted with Phragmites and Vetiver in Treating Synthetic Wastewater Contaminated with High Concentration of PAHs” Sustainability 2020, 12, 3357; doi:10.3390/su1208335.

1. Mena Alsawaf, Abdul Halim Ghazali, **Thamer Ahmad Mohammad**, Aminuddin Ab Ghani, Badronnisa Yusuf. (2019). “Movable-Bed Experiments Using Spur Dike to Concentrate Flow in One Channel of Multithreaded Channel Model” Journal of Hydraulic Engineering, ASCE, 145(5): 06019006.
2. Nadia Ahmed El Aswad, **Thamer Ahmad Mohammad**, Abdul Halim Ghazali and Zainuddin Md Yusoff (2019). “Modelling of Groundwater Pumping Scenarios and their Impact on Saline Water Intrusion in a Tripoli Coastal Aquifer, Libya” Pertanika Journal of Science and Technology, 27 (3): 1407-1427.
3. Hydar Lafta Ali, Badronnisa Yusuf, **Thamer Ahamed Mohammed**, Yasuyuki Shimizu, Mohd Shahrizal Ab Razak, and Balqis Mohamed Rehan. (2019). “Enhancing the Flow Characteristics in a Branching Channel Based on a Two-Dimensional Depth-Averaged Flow Model” Water 2019, 11, 1863; doi:10.3390/w11091863.
4. Mehdi Karami Moghadam, Ata Amini, Marlinda Abdul Malek, **Thamer Ahmad Mohammad**, Hasan Hoseini. (2019). “Physical Modeling of Ski-Jump Spillway to Evaluate Dynamic Pressure” Water 2019, 11, 1687; doi:10.3390/w11081687.
5. Hydar Lafta Ali, Badronnisa Yusuf, **Thamer Ahamed Mohammed**, Yasuyuki Shimizu, Mohd Shahrizal Ab Razak, Balqis Mohamed Rehan. “Improving the Hydro-Morpho Dynamics of A River Confluence by Using Vanes” Resources 2019, 8, 9; doi:10.3390/resources8010009.
6. Zaty Aktar Mokhtar, **Thamer Ahmad Mohammed**, Badronnisa Yusuf, Lau Tze Liang (2019) “Experimental investigation of tsunami bore impact pressure on a perforated seawall”Journal ofApplied Ocean research, 84(2019), 291-301.
7. Aida Tayebiyan, **Thamer Ahmad Mohammad**, Nadhir Al-Ansari, Mohammad Malakootian, (2019). “Comparison of Optimal Hedging Policies for Hydropower Reservoir System Operation” Journal of water, 11(121), 1-19.
8. Wissam H. Alawee, Badronnisa Yusuf, **Thamer Ahmad Mohammad**, Hyder A. Thahad (2019). “Variation of Flow along a Multiple Outlets Pipe with Various Spacing and Inflow Water Head Based on Physical Model” Journal of Engineering Science and Technology, 13(12), 1-12.
9. Azlan, N. N. I. M., Malek, M. A., Salina. D, Salim, J. M., **Thamer Ahmad Mohammad** (2019). “A review on water demand analyses, provisioning service and cultural service from ecosystem of Kenyir lake, Terengganu, Malaysia” International Journal of Civil Engineering and Technology, 10(2), 280-290.
10. **Thamer Ahmad Mohammad**, M. Johari Megat Mohd. Noor (2018). “Modeling and reliability assessment for rainwater harvesting system in a tropical region” Journal of Desalination and Water Purification 12:4-10, 2018.
11. Jing Li , Ameen Mohammed Salih Ameen , **Thamer Ahmad Mohammad** , Nadhir Al-Ansari, Zaher Mundher Yaseen (2018). “A Systematic Operation Program of a Hydropower Plant Based on Minimizing the Principal Stress: Haditha Dam Case Study” Journal of water, 10(9), 1-19.
12. Nadia Ahmad El Aswad, **Thamer Ahmad Mohammad**, Abdul Halim Ghazali, Zainuddin Yusoff. (2018). “Impact of Different Pumping Scenarios on Groundwater Level and Seawater Intrusion into the Tripoli Aquifer” Journal of Engineering Science and Technology, 13(12), 1-15.
13. Nordila Ahmad, Bruce W. Melville, **Thamer Ahmad Mohammad**, Zuliziana Suif. (2018). “Evaluation of Pier-scour Predictions for Wide Piers Using Field Data” International Journal of GEOMATE, 14(42), 140-145.
14. Ahmed Mohammed Sami, Abdul Halim Ghazali, Badronnisa Yusuf, **Thamer Ahmed Mohammed** (2018). “Permeable Channel Cross Section for Maximizing Stormwater Infiltration and Seepage Rates” Journal of Irrigation and Drainage Engineering, ASCE, 144(3), 1-10.
15. Aida Tayebiyan, **Thamer Ahmad Mohammad**, Abdul Halim Ghazali, Megat Johari Megat Mohd Noor. (2018). “Simulation and Optimization of Multiple Points Hedging Policies for Operation of Cameron Highland Hydropower Reservoir System, Malaysia” Journal of Desalination and Water Treatment, 120(2018), 205-216.
16. Hydar Lafta Ali, **Thamer Ahamed Mohammed**, Badronnisa Binti Yusuf and Azlan Abdul Aziz. (2018). “A simplification of the Einstein Equation for the Calculation of Suspended Sediment Transport in Rivers” Int. J. Hydrology Science and Technology, 8(4), 393-409.
17. Nashwan K. Alomari, Badronnisa Yusuf, **Thamer Ahmad Mohammad**, Abdul Halim Ghazali. (2018). “Experimental Investigation of Scour at a Channel Junctions of Different Diversion Angles and Bed Width Ratios” Catena, 166(2018), 10-20.
18. Nordila Ahmad, [Bruce W. Melville](file:///C:\author\Melville,+Bruce+W), **Thamer Ahmad Mohammad**, Faisal Ali, Badronnisa Yusuf. (2018). “Scour Geometry at Long Skewed Bridge Piers under Shallow Water Flows” Journal of Water Management, ice, 177(5), 241-252.

24. Nordila Ahmad, **Thamer Ahmad Mohammad**, Bruce W. Melville, Zuliziana Suif. (2017). “Comparison of Selected Pier-Scour Equations for Wide Piers Using Field Data” International Journal of Environmental and Ecological Engineering, 11(10), 199-205.

25. Nordila Ahmad, **Thamer Ahmad Mohammad**, Zuliziana Suif. (2017). “Prediction of Local Scour Around Wide Bridge Piers Under Clear-water Conditions” International Journal of GEOMATE, 12(34), 135-139.

26. Hamza S.M., Ahsan A., Imteaz M., **Thamer Ahmad Mohammad**, Ghazali A.H. (2017).“Groundwater Pollution Vulnerability Assessment Using A New GIS-Based DRASTIC Method” International Journal of Water Resources and Arid Environments 6(1): 65-79.

27. Nordila A., Melville B.W., **Thamer Ahmad mohammad**, Faisal A. , Badrunnisa Y. (2017) “Clear-water scour at long skewed bridge piers” Journal of the Chinese Institute of Engineers, 40(1), 10-18.

28. Saad Sh. Sammen, **Thamer Ahmad Mohammad**, Abdul Halim Ghazali, Larriyah, M. Sidek (2017). “ An Evaluation of Existent Methods for Estimation of Embankment Dam Breach Parameters” Journal of Natural Hazards, DOI 10.1007/s11069-017-2764-z.

29. Nordila A., **Thamer Ahmad Mohammad**, Melville B.W., Faisal A. , Badrunnisa Y. (2017) “Modeling the Effect of Sediment Coarseness on Local Scour at Wide Bridge Piers” Pertanika Journal of Science and Technology, 25(1), 191-200.

30. Reza Mohammadpour, Aminuddin Ab. Ghani, Nor Azazi Zakaria, **Thamer Ahmad Mohammad** (2017). “ Predction Scour at River Bridge Abutments over Time” Journal of Water Management, ICE, 170(1), 15-30.

31. [Izni Zahidi](http://www.tandfonline.com/author/Zahidi%2C+Izni), [Badronnisa Yusuf](http://www.tandfonline.com/author/Yusuf%2C+Badronnisa), [Alireza Hamedianfar](http://www.tandfonline.com/author/Hamedianfar%2C+Alireza), [Helmi Zulhaidi Mohd Shafri](http://www.tandfonline.com/author/Shafri%2C+Helmi+Zulhaidi+Mohd), [**Thamer Ahmad Mohammad**](http://www.tandfonline.com/author/Mohamed%2C+Thamer+Ahmed) (2015). “[Object-based Classification of QuickBird Image and Low Point Density LIDAR for Tropical Trees and Shrubs Mapping](http://www.tandfonline.com/doi/abs/10.5721/EuJRS20154824)” European Journal of Remote Sensing, 48(1), 423-446.

32. Saad Shuket S., **Thamer Ahmad Mohammad**, Abdul Halim Ghazali (2016). “Generalized Regression Neural Network for Prediction of Peak Outflow from Dam Break” Journal of Water Resources Management, DOI 10.1007/s 11269-016-1547-8.

33. Aida Tayebiyan, **Thamer Ahmad Mohammad**, Abdulhalim Ghazali, M.A. Malek (2016). “ Optimization of Exclusive Release Policies by Using Genetic Algorithm” Water Resources Management, 30, 1203-1216.

34. Aida Tayebian, **Thamer Ahmad Mohammad**, Abdul Halim Ghazali, Syamsiah Manshohor (2016). “ Artificial Nural Network for Modeling Rainfall-Runoff” Pertanika Journal of Science and Technology, 24(2), 319-330.

35. Aida Tayebian, **Thamer Ahmad Mohammad** (2016). “ Optimization of Cascade Hydropower System Operation by Genetic Algorithm to Maximize Clean Energy Output” Environmental Health Engineering and Management Journal, Vol. 3, 1-8.

36. Alrowashed Abdulsalam, Azni Idris, **Thamer Ahmad Mohammad**, Aminul Ahsan (2017). “An Integrated Technique Using Solar and Evaporation Ponds for Effective Brine Disposal Management” International Journal of Sustainable Energy, DOI:10.1080/14786451.2015.1135923. 36(9)

37. **Thamer Ahmad Mohammad**, Megat Johari Megat Mohd Noor, Abdul Halim Ghazali (2016). “Assessment of Using Synthetic Polymers in Dewatering of Sewage Sludge” Journal of Desalination and Water Treatment. Doi.org/10.1080/19443994.2016.1154708.

38. Megat Johari Megat Mohd Noor, **Thamer Ahmad Mohammad,** Abdul Halim Ghazali (2016). “Assessment of Using Hollow Fibre Microfiltration in Treating Lake Water” Journal of Desalination and Water Treatment. Doi.org/10.1080/19443994.2016.1154708.

39. Hydar L. Ali, **Thamer Ahamad Mohammad**, Badronnisa Yusuf, Azlan A. Aziz (2016). “Testing the Accurcy of Sediment Transport Equations Using Field Data” Malaysian Journal of Civil Engineering, 28(1), 1-15.

40. Nordila A., **Thamer Ahmad mohammad**, Melville B.W., Faisal A. , Badrunnisa Y. (2017). “Modeling the Effect of Sediment Coarseness on Local Scour at Wide Bridge Piers” Pertanika Journal of Science and Technology, 25(1), 575-586.

41. Hajar Nasiri, Mohd Johari Mohd Yusof, **Thamer Ahmad Mohammad Ali** (2016). “An overview to flood vulnerability assessment methods” Sustain. Water Resour. Manag., 2(2016), 331–336.

الكتب والمؤلفات Distributed Renewable Energies for Off-grid Communities (contributed by four chapter on water and renewable energy) a book published in 2021 by Elsevier

Groundwater Engineering and Geotechnique Published in 2004 by UPM Press

رسائل الماجستيرالذي اشرف عليها:

**Supervision/Co-supervision for MS.C. Students (By Research)**

* Total number of M.Sc. students is 32
* Main Supervisor for 17 students ( 13 students were completed and graduated)
* Co-supervisor for 16 students (16 students were completed and graduated)

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| **No.** | **Year**  **Of**  **Start** | **Student and Projects Titles** | **Level** | **Status** |
| 1 | 2000 | Wai Kein Tat  Treatment of Secondary Oxidation Pond Effluent Using Hollow Fiber Crossflow Microfiltration and Moringa Oleifera Coagulant  (Supervisor) | M.Sc. | Completed |
| 2 | 2001 | Ho Kwee Hong  Calibration of Flood Forecasting Model For Kelantan River Basin By Using Tank Model  (Co-supervisor) | M.Sc. | Completed |
| **No.** | **Year**  **Of**  **Start** | **Student and Projects Titles** | **Level** | **No.** |
| 3 | 2002 | Ratna Rajah A/L Sivapiragasam  Derivation of Intensity-Duration-Frequency Curves for Short Duration Storms of Low Return Periods and Evaluation of Rainstorm Frequency Analysis Methods for Peninsular Malaysia  (Co-Supervisor) | M.Sc. | Completed |
| 4 | 2002 | Manal M. Abood  Modeling the Effect of Vegetation on Flow for  Open Channel  (Co-Supervisor) | M.Sc. | Completed |
| 5 | 2002 | Bobby Soon  Experimental Study on Street Erosion of Sloped Surface  (Co-Supervisor) | M.Sc. | Completed |
| 6 | 2003 | Muhammad Iskandar Sapong  Proposed method of Sizing the tank for Rainwater Harvesting System and the Need for First Flush Mechanism  (Supervisor) | M. Sc. | Completed |
| **No.** | **Year**  **Of**  **Start** | **Student and Projects Titles** | **Level** | **Status** |
| 7 | 2004 | Asnor Muizan Bin Ishak  Establishment of the Relationship Between Runoff Coefficient and Curve Number (CN) for Selected Catchment in Peninsular Malaysia  (Co-Supervisor) | M. Sc. | Completed |
| 8 | 2004 | Ng Shu Chin  The Effect of the Preservation on Moringa Oleifera on Its Effectiveness as a Coagulant  (Co-Supervisor) | M. Sc. | Completed |
| 9 | 2004 | Nor Azlina Alias  Development of Bio-composite Interlocking Block System for River Revetment  (Supervisor) | M. Sc. | Completed |
| 10 | 2006 | Sanaz Sarafraz  Evaluation of the Affectivity Constructed Micro-Wetland in Treating the Domestic wastewater  (Supervisor) | M. Sc. | Completed |
| 11 | 2006 | Seyedeh Sara Sadrolashrafi  Modeling the Dam Break  (Supervisor) | M. Sc. | Completed |
| **No.** | **Year**  **Of**  **Start** | **Student and Projects Titles** | **Level** | **Status** |
| 12 | 2006 | Nooshin Mostafi  Modeling the effect of vegetation on Manning Roughness in Open Channel  (Supervisor) | M. Sc. | Completed |
| 13 | 2008 | Babak Farjad  Groundwater Vulnerability Mapping : A GIS and Remote Semesing Based Integrated Tool  (Co-Supervisor) | M. Sc. | Completed |
| 14 | 2008 | Seyed Mahdi Fatemi  Optimization of Water Release form a Storage Reservoir  (Supervisor) | M. Sc. | Completed |
| 15 | 2009 | Teoh Chee Keong  The Perception of Urban Hosehold in Rainwater Collection and Utilization  (Co-supervisor) | M.Sc. | Completed |
| 16 | 2009 | Fatemeh Karimaldini  Evapotranspiration Estimation with Anfis  (Co-supervisor) | M.Sc. | Completed |
| 17 | 2010 | Ahmed Tholhath  Developing Modular Sustainable Buildingd By Utilizing Bim For Co-ordination During Construction Implementation in Maldif  (Co-supervisor) | M.Sc. | Completed |
| **No.** | **Year**  **Of**  **Start** | **Student and Projects Titles** | **Level** | **Status** |
| 18 | 2010 | Mohd Fauzie Bin Jusoh  Determination of Hydraulic Characteristics of Seberang Perak Alluvial Aquifer  (Co-supervisor) | M.Sc. | Completed |
| 19 | 2010 | Abubakar Sani Kazaure  Application of HEC-RAS For Flood Simulation of Hedejia River in Northen Nigeria  (Co-supervisor) | M.Sc. | Completed |
| 20 | 2010 | Mahboubeh Najafzadeh  Clean and Live Bed Local Scouring at Ciruclar Pier  (Supervisor) | M.Sc. | Completed |
| 21 | 2010 | Aysia Siddira Binti Abdul Rahim  Rainwater Harvesting for Housing  (Supervisor) | M.Sc. | Completed |
| 22 | 2011 | Sabrina Binti Mohd Ariffin  Determination of Groundwater Pollution Risck Based on Gricultural Activities Using Drastic Model and Geographic Information system (GIS) Application  (Co-supervisor) | M.Sc. | Completed |
| **No.** | **Year**  **Of**  **Start** | **Student and Projects Titles** | **Level** | **Status** |
| 23 | 2012 | Mohammed Riyadh Khaleel  Performance of Powder and Granular Activated Carbons for the Treatment of Domestic Watewater  (Co-Supervisor) | M.Sc. | Completed |
| 24 | 2012 | Sangar Hasan  Proposed System for Dam Safety Management  (Supervisor) | M.Sc. | Completed |
| 25 | 2012 | Hyder Lafta Ali  Assessment of Sediment Transport Computation in Natural Rivers  (Supervisor) | M.Sc. | Completed |
| 26 | 2012 | Syed Mohsen Hashemi  Treatment of polluted surface Using Membrane  (Supervisor) | M.Sc. | Completed |
| 27 | 2015 | Mohd Taufik Haron  Formulation of Geohazard Facror Using Lidar and Histroical Slope Failure  (Co-Supervisor) | M.Sc | Comepleted |
| 28 | 2019 | Abduallah R Amer  Physical Modeling of Flow and Head Loss along Dead-end and Looped Manifolds | M.Sc | Comepleted |
| 29 | 2020 | Naem N Zayer  Impact of Slit Weir Dimensions and Location on Scouring at Upstream | M.Sc | Comepleted |

اطاريح الدكتوراه الذي اشرف عليها:

**Supervision/Co-supervision for Ph.D. Students**

* Total number of Ph.D. students is 41
* Main supervisor for 14 students (14 Completed and Graduated)
* Co-supervisor for 26 students ( 25 Completed and Graduated and 2 is ongoing)

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| **No.** | **Year of Start** | **Student and Projects Titles** | **Level** |
| 1 | 1998 | Abdul Hakim Masaud Mussa  Effect of Water Table Management on Movement of Agrochemicals Pollutants Under Ground Environment  (Co-Supervisor) | Ph.D |
| 2 | 2001 | Huang Yuk Feng  A Knowledge –Based Reservoir Inflow Forecasting  (Co-Supervisor) | Ph.D |
| 3 | 2001 | Mohamed Mujithaba Mohamed Najim  Paddy Estate Integrated Water Management  (Co-Supervisor) | Ph.D |
| 4 | 2001 | Md. Aminul Haque  In Time Management for Rice Irrigation Projects  (Co-Supervisor) | Ph.D |
| 5 | 2003 | Ahmed Hussien Birima  Treatment of High Strength Wastewater Using Micro Filtration  (Supervisor) | Ph.D |
| 6 | 2003 | Abdullah Ali Nasir  Design of Inflatable Storage System  (Co-Supervisor) | Ph.D |
| **No.** | **Year of Start** | **Student and Projects Titles** | **Level** |
| 7 | 2004 | Akif Mohammed Salem Al-Fugara  GIS Based Hydrological and Hydraulic Modeling for Flood Plain Delineation  (Supervisor) | Ph.D |
| 8 | 2004 | Abul Baqi Ali Mohammed  Water Resources Management Options for Wadi Maawal Catchment, Northen Oman  (Co-Supervisor) | Ph.D |
| 9 | 2004 | Huda A. M. Thanoon  Non-linear Analysis for Roller Compacted Concrete (RCC) Dams  (Co-Supervisor) | Ph.D |
| 10 | 2005 | Yousef A. Almolhem  Subsurface Drip Irrigation System for Saline Drainage Water Reuse Under Shallow Groundwater  (Co-supervisor) | Ph.D |
| 11 | 2005 | Wai Kien Tat  Sludge Thickening and Dewatering Using Natural Coagulant, Moringa Oleifera  (Co-supervisor ) | Ph.D |
| 12 | 2006 | Saiful Iskander Bin Khalit  Modeling of Soil Erosion Risk in Water Catchment Areas  (Co-supervisor ) | Ph.D |
| 13 | 2006 | Manal A. Abood  Modeling River Sediment Deposition Into the Kenyir Reservoir, Malaysia  (Supervisor) | Ph.D |
| **No.** | **Year of Start** | **Student and Projects Titles** |  |
| 14 | 2007 | Seyed Ata Amini  Modeling the Scouring at the Site of Complex pier  (Supervisor) | Ph.D |
| 15 | 2008 | Mostafa Ali Benzagta  Reducing Evaporation from Reservoirs Using Palm Fronds  (Supervisor) | Ph.D |
| 16 | 2008 | Abdul Ghafoor  Maximizing the Leaching Efficiency of Saline Soils Through Soil and Water Management Techniques  (Co-supervisor ) | Ph.D |
| 17 | 2008 | Mohammed Saleh Saad Nusari  Simulation of Seawater Intrusion by Using Physical and Numerical Modeling Techniques  (Co-supervisor ) | Ph.D |
| 18 | 2008 | Aeid A. Abdulrazeg  Nonlinear Analysis of RCC Dam Under Construction and Operation Phases  (Co-supervisor) | Ph.D |
| 19 | 2009 | Pezhman Taherei Ghazvinie  Local Scor at Bridges in Malaysia  (Supervisor) | Ph.D. |
| **No.** | **Year of Start** | **Student and Projects Titles** | **Level** |
| 20 | 2010 | Amir Montakhab  Sediment Trapping Capacity of Selected Tropical Aquatic vegetation  (Co-supervisor) | Ph.D. |
| 21 | 2010 | Salah Muamer Aburawe  GIS Based System for Real Time Leakage Detection and Location in Water Distribution Networks  (Co-supervisor) | Ph.D. |
| 22 | 2010 | Nadia Ahmed Elaswed  Modeling Groundwater Explotation in Selected Catchment in Libya  (Supervisor) | Ph.D. |
| 23 | 2011 | Nordila Ahmad  Physical modeling of Local Scour at Wide Piers and Long Skewed Piers  (Supervisor) | Ph.D. |
| 24 | 2011 | Aida Tayebian  Optimum Operation of Multi Reservoir System  (Supervisor) | Ph.D. |
| 25 | 2011 | Adeoye Peter Aderemi  Predictive Equations for Evaluating Effect of Poultry Waste on Shallaow Groundwater  (Co-supervisor) | Ph.D. |
| 26 | 2012 | Amir Saeed Farhangi  Modleing the Local scour at Bridges During the Flood  (Supervisor ) | Ph.D. |
| **No.** | **Year of Start** | **Student and Projects Titles** | **Level** |
| 27 | 2012 | Oloruntade Aiayi Johnson  Modeling the Impacts of Climate Change on Hydrology and Water Resources in Niger River Basin, Nigeria  (Supervisor) | Ph.D. |
| 28 | 2012 | Alrewashed Abdulsalam Abdullah  Potassium Recovery from Desalination Reject Brine Using Solar Pond  (Co-supervisor) | Ph.D. |
| 29 | 2012 | Salahu Hamza Mohammed  Groundwater Pollution and Health Risk Analaysia in the Vicinity of Industrial Water Ways and Soild Wastes Disposal Sites in Kano Metropolis, Kano, Nigeria  (Co-supervisor) | Ph.D. |
| 30 | 2012 | Navid Nasrolah  Design of Septic Tank for Indigenous Housing Settlement on Natural Water Bodies  (Co-supervisor) | Ph.D. |
| 31 | 2013 | Adesiji Adeolu Richard  Impact of land-use topology alteration on dissolved organic carbon release in tropical rivers  (Supervisor) | Ph.D. |
| 32 | 2013 | Izni Zahidi  Modeling the roughness due to vegetation density using GIS  (Co-supervisor) | Ph.D. |
| **No.** | **Year of Start** | **Student and Projects Titles** | **Level** |
| 33 | 2013 | Hajar Nasri  Urban Flood Management in High Risck Zone of Cities  (Co-supervisor) | Ph.D. |
| 34 | 2014 | Saad Shauket Sammen  Modeling of Dam Break with GIS  (Supervisor) | Ph.D. |
| 35 | 2014 | Mina Ahmad Al Sawaf  Impact of Configuration and Location of Spur Dikes on Hydraulic and Sediment transport in Braching Rivers  (Co-supervisor) | Ph.D. |
| 36 | 2014 | Nashwan Kamal Aldenn Mohammed  Characteristics of Flow and Sediment Transport in Branching Chaneel with Mobile Bed  (Co-supervisor) | Ph.D. |
| 37 | 2014 | Ahmad Mohammed Sami Al-Janabi  Modeling of Flow with Infilitration in Porous Open Channels for Flood Routing  (Co-supervisor) | Ph.D. |
| 38 | 2014 | Zaty Aktar Mokhtar  Modeling the Tsunami Wave on Sea Walls  (Supervisor) | Ph.D. |
| 39 | 2014 | Rabia Daw Ali  Constructed Wetland for Water Qaulity Imrovements  (Co-supervisor) | Ph.D. |
| **No.** | **Year of Start** | **Student and Projects Titles** | **Level** |
| 40 | 2018 | Yassir Layth Mohammed Fadhil  Development of a Design Criteria for a Novel Self-RegulatedBubbles Irrigation System  (Co-supervisor) | Ph.D. |
| 41 | 2020 | Ruaa Khalid  Impact of Slit Weir Dimensions, Location, Sediment Nonuniformity on Scour at Upstream  Co Supervisor | Ph.D. |