



## CURRICULUM VITAE



Prof. Dr. Thamer Ahmad Mohammad  
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### Education

1. Ph.D. in Water Resources Engineering 1998, Universiti Putra Malaysia
2. M.Sc. in Water Resources Engineering 1985, University of Technology, Baghdad, Iraq
3. B.Sc. in Water Resources Engineering, 1980, College of Engineering, University of Mosul, Iraq

### Areas of Interest

1. Scouring and Sedimentation
2. Water Resources Management
3. Rainwater harvesting
4. Hydrologic and Hydraulic Modeling
5. Hydraulic Structures
6. Groundwater Engineering
7. River Restoration

### Professional Qualification/Membership/Affiliation

1. Iraqi Engineer Union/Consultant Engineer ( Registration Number 23269)
2. Groundwater Association, California, USA
3. International Association of Engineers ( Membership number 128056)
4. Malaysian Commission for Irrigation and Drainage ( Membership member 260)
5. Malaysian Society for Engineering and Technology
6. European Desalination Society

### Appointments

Position	Duration
1. Professor / Department of Civil Engineering /UPM	March 2011 to date
2. Associate Prof. / Department of Civil Engineering/UPM	March 2004- February 2011
3. Senior Lecturer/Department of Civil Engineering/UPM	March 200-February 2004
4. Post Doctoral Fellow/ Faculty of Engineering/UPM	October 1998-February 2000
5. Research Associate/ Faculty of Engineering/UPM	January 1995-September 1998
6. Assistant Prof./ Department of Civil Engineering/Almustansiryah, Baghdad, Iraq	January 1986- September 1994
7. Research Assistant/ University of Technology/Baghdad, Iraq	September 1982- December 1984
8. Site Engineer/Iraqi Government	August 1980-August 1982

### Journals (30 recent journals)

1. Alrowashed Abdulsalam, Azni Idris, **Thamer Ahmad Mohammad**, Aminul Ahsan (2015). "Radiation Modeling and Performance Evaluation of Fixed Single and Double Axis Tracking Surfaces: A Case Study for Dhahran City, Saudi Arabia." International Journal of Sustainable Energy, <http://dx.doi.org/10.1080/14786451.2014.998674>. *Impact Factor*

2. Reza Mohammadpour, Aminuddin Ab. Ghani, Nor Azazi Zakaria, **Thamer Ahmad Mohammad** (2015). "Prediction Scour at River Bridge Abutments over Time" Journal of Water Management, ICE, DOI:10.1680/jwama.14.00136. *Impact Factor*
3. Pezhman Taheri Ghazvinei, Junadah Ariffin, **Thamer Ahmad Mohammad**, Syed Ata Amini (2015). "Construction Scour Analysis at Protruding Bridge Abutment" Journal of Bridge Engineering, ICE, DOI:10.1680/bren.14.00011. *Impact Factor*
4. Adesiji, A.R., **Thamer Ahmad Mohammad**, Nik Daud, N.N., Saari, M., Gbadebo, A. O., Jacdonmi, I. (2015). "Impact of Landuse Change on Peatland Degradation: A Review" Ethiopian Journal of Environmental Studies and management, 8(2).
5. Hydar L. Ali, **Thamer Ahamad Mohammad**, Badronnisa Yusuf, Azlan A. Aziz (2015). "Testing the Accuracy of Sediment Transport Equations Using Field Data" Malaysian Journal of Civil Engineering(Accepted). *Impact factor*
6. Nordila A., **Thamer Ahmad mohammad**, Melville B.W., Faisal A. , Badrunnisa Y. (2015). "Modeling the Effect of Sediment Coarseness on Local Scour at Wide Bridge Piers" Pertanika Journal of Science and Technology (Accepted). *Indexed Journal*
7. Richard Adeolu Adesiji, **Thamer Ahmad Mohammad**, Nik Norsyahariati Daud, Sari Mustapha (2014). "Impact of Oil Palm Cultivation on Soil Chemistry in Malaysian Tropical Peatland" Journal of Advances in Environmental Biology, 8(21), 269-373.
8. **Thamer Ahmad Mohammd**, Ezzudin Hassan Mohammad, Megat Johari Megat Mohd Noor, Abdul Halim Ghazali, (2014). "Dual Polyelectrolytes Incorporating Moringa Oleifera in Dewatering of Sewage Sludge" Journal of Desalination and Water Treatment, 1-8, Doi:10.1080/19443994.2014.946728. *Impact Factor*
9. Ezzudin Hassan Mohammad, **Thamer Ahmad Mohammd**, Megat Johari Megat Mohd Noor, Abdul Halim Ghazali, (2014). "Influence of Extracted and Freeze-drying Durations on the Effectiveness of Moringa Oleifera Seeds Powder as Natural Coagulant" Journal of Desalination and Water Treatment, 1-7, Doi:10.1080/19443994.2014.946713. *Impact Factor*
10. Megat Johari Megat Mohd Noor, Ezzudin Hassan Mohammad, **Thamer Ahmad Mohammd**, Abdul Halim Ghazali, (2014). "Effectiveness of Salt-extracted Freeze-dried Moringa Oleifera as a Coagulant" Journal of Desalination and Water Treatment, 1-7, Doi:10.1080/19443994.2014.946719. *Impact Factor*
11. Ata Amini, Bruce W. Melville, **Thamer Ahmad Mohammad**, (2014). "Local Scour at Piled Bridge Piers Including and Examination of the Superposition Method" Canadian Journal of Civil Engineering, 41(5), 461-471. *Impact Factor*
12. Nordila A., **Thamer Ahmad Mohammad**, Faisal A., Badonnisa Y. (2014). "Local Scour at Wide Piers" International Journal of Engineering Research and Technology, 3(1), 742-754. *Index Journal*
13. Sangar Hasan Abdulkareem, **Thamer Ahmad Mohammad**, Abdul Halim Ghazali (2014). "Management of Risk Through Seepage Reduction for Two Earth Dams in Kurdistan Region, Iraq" APRN Journal of Engineering and Applied Sciences, 9(11), 2241-2249. *Impact Factor*
14. Sangar H., **Thamer Ahmad Mohammad**, Abdul Halim Ghazali (2014). "Safety Assessment of Earth Dams in Kurdistan Region, Iraq Based on Seepage Simulation and Surveillance" Electronic Journal of Geotechnical Engineering, Volume 19/O, 3597-3613. *Index Journal*
15. Navid Nasrolah, Rahinah Ibrahim, **Thamer Ahmad Mohammad**, Azni Idris (2014). "Hazardous Effect of Raw Sewage Disposal from Indigenous Housing Settlement on Natural Water Bodies" International Journal of Current Research and Academic Review, Issue1, 90-94. *Index Journal*

16. Jafar M. Hassan, Wahid S. Mohammed, **Thamer Ahmad Mohammad**, Wissam H. Alawee (2014). "Review on Single Phase Fluid Flow Distribution in Manifold" International Journal of Science and Research, 3(1), 325-330. *Index Journal*
17. Jafar M. Hassan, **Thamer Ahmad Mohammad**, Wahid S. Mohammed, Wissam H. Alawee (2014). "Modeling the Uniformity of Manifold with Various Configurations" Journal of Fluids, Volume 2014, 1-8. *Index Journal*
18. Peter A. A., Hasfalina Che Man, Mohd Amin Mohd Soom, **Thamer Ahmad Mohammad**, Akinbile Christopher Oluwakunmi (2014). "Groundwater Quality of Shallow Wells on Nigerian Poultry Farms" Polish Journal of Environmental Studies, 23(4), 1079-1089. *(Impact Factor)*
19. Pezhman Taheri Ghazvinei, Junadah Ariffin, Jazuri Abdullah **Thamer Ahmad Mohammad** (2014). " Assessment of Local Scour at Bridges Abutment" Research Journal of Applied Sciences, Engineering and Technology, 8(3), 296-304. *Index Journal*
20. Pezhman Taheri Ghazvinei, Junadah Ariffin, Jazuri Abdullah **Thamer Ahmad Mohammad** (2014). " Comparative Analysis between Observed and Predicted Constrction Scour at Bridge Abutments" Research Journal of Applied Sciences, Engineering and Technology, 8(4), 452-459. *Index Journal*
21. Peter A. A., Hasfalina Che Man, Mohd Amin Mohd Soom, **Thamer Ahmad Mohammad**, C. O. Akinbile (2014). "Environmental Implication of Poultry Waste Generation and Management Techniques in Minna, Semi-arid Region of Nigeria" Journal of Annual Research and Review in Biology, 4(10), 1669-1681. *(Impact factor)*
22. Hamza S. M., Ahsan A., Imteaz M. A., Rahman A., **Thamer Ahmad Mohammad**, Ghazli, A. H. (2014). " Accomplishment and Subjectivity of GIS-based DRASTIC Groundwater Vulnerability Assessment Method: A review" Journal of Environ Earth Science, 73(7), 3063-3076. *(Impact Factor)*
23. **Thamer Ahmad Mohammad**, Yousef Almolhem (2013). "Study on Using Rainwater Harvesting for Landscaping" International Journal of Engineering and Technology, 10(2), 50-55.
24. **Thamer Ahmad Mohammad**, Yousef Almolhem, Megat Johari Megat Mohd Noor (2013). "Rainwater Harvesting: Quantitative and Qualitative Analysis" International Journal of Engineering and Technology, 10(2), 62-66.
25. Mohammed S. Nusari, Mohd. A. M. Soom, **Thamer Ahmad Mohammad**, Adul Halim Ghazali, Aimrun Wayayok, Mohamed A.M. Zawawi (2013). " Assessment of Seawater Intrusion in Langat Basin, Malaysia" Jornal of Water management, ICE, 166(WM9), 501-515. *(Impact Factor)*
26. Alrowaished Abdulsalam, Azni Idris, **Thamer Ahmad Mohammad**, Amimul Ahsan (2013). " The Development and Application of Solar Pond: A review" Journal of Desalination and Water Treatment, Doi:10.1080/1944-3994.2013.870710, 1-13. *(Impact Factor)*
27. Salah Muamer Aburawe, Ahmad Rodzi Mahmud, **Thamer Ahmad Mohammad**, Norrdin Ahmed (2013). " A laboratory Based Study of Hydraulic Simulation of Leakage in Water Distribution Networks" Journal of Civil and Environmental Research, 3(12), 1-10. *Index Journal*
28. Salah Muamer Aburawe, Ahmad Rodzi Mahmud, **Thamer Ahmad Mohammad**, Norrdin Ahmed (2013). " Field Case Study to Validate A geospatial Approach for Locating Leakage in Water Distribution Networks- Field Data Collection and Modeling Analysis ( Case Study in Sha Alam, Malaysia)" International Journal of Technology Enhancement and Emerging Engineering Research, 1(5), 6-13. *Index Journal*



29. Abdulrazeg A. A., Noorzaei J., **Thamer Ahmad Mohammad**, Jaafar M. S. (2013). “ Modeling of Combined Thermal and Mechanical Action in Roller Compacted Concrete Dam by Three Dimensional Finite Element Method” Journal of Structural Engineering and Mechanics, 47(1), 1-25. *(Impact Factor)*
30. Mostafa Ali Benzaghta, **Thamer Ahmad Mohammad**, Ahmed Ibrahim Ekhmaj (2012). “ Prediction of Evaporation from Algardabiya Reservoir” Journal Journal of Libyan Agriculture Research Center, 3(3), 120-128.

#### Conference Proceedings (30 recent Conference Proceedings)

1. Wissam H. Alawee, Hyder A. Dahd, **Thamer Ahmad Mohammad** (2015).” An Experimental Study on Improving the Performance of Double Slope Solar Still” 7<sup>th</sup> International Conference on Sustainable Agricultural for Food, Energy and Industry at Regional and Global Context, Faculty of Engineering, Universiti Putra Malaysia, Serdang, Malaysia.
2. Jafar M. Hassan, **Thamer Ahmad Mohammad**, Wahid S. Mohammad, Wissam H. Alawee (2014). “Experimental and Numerical Study on the Improvement of Uniformity Flow for Three Lateral Dividing Manifold” Proceeding of the World Research and Innovation Convention on Engineering and Technology, Putrajaya, Malaysia
3. Thamer Ahmad Mohammad, Abdul Halim Ghazali, Tanaz, T. (2013). “ Application of CASiMiR Model for Assessment of Tinfoil Barb Habitat Suitability in Langat River” Proceeding of 5<sup>th</sup> Conference of European Center for River Restoration, Vienna, Austria
4. **Thamer Ahmad Mohammed**, Yosef A. Almolhem (2012). “Study on Using Rainwater Harvesting for Landscaping” Proceeding s of the International Convention on Science and Technology, Almaty, Kazakhstan.
5. **Thamer Ahmad Mohammad**, Abdul Halim Ghazali, Badronnisa Yusuf. (2011) “ Optimization of Hysdraulic Parameters of Iranshahr Alluvial Aquifer Using MODFLOW” Pceddings of Groundwater2011, Orelan, Frnace.
6. **Thamer Ahmed Mohammed**, Abdul Halim Ghazali, Megat Johari Megat Mohd Noo (2010). “Proposed Rehabilitation Index for Water Distribution Networks” Proceeding of the 9<sup>th</sup> International Operation and maintenance Confernce in the Arab Countries, Beirut, Lebanon.
7. **Thamer Ahmed Mohammed**, Abdul Halim Ghazali, Megat Johari Megat Mohd. Noor (2009). “ Modeling and Reliability of Rainwater Harvesting System at Educational Institution” Proceeding of the 14<sup>th</sup> International Conference on Rainwater Catchment Systems, Kuala Lumpur, Malaysia
8. **Thamer Ahmed Mohammed**, Salim Said, Mohd. Aohadie Bardaie, ShahNor Basri (2009). “ Numerical Simulation of Flood levels in a Tropical Riber System” Proceedings of the International Advanced Technology Congress (ATCi 2009), Kuala Lumpur, Malaysia.
9. **Thamer Ahmed Mohammed** (2009). “ Assessment of using Rainwater Harvesting System to meet non-potable Water Demand in Urban Areas” International Conference on Capacity Building in Urban Water Management Under Water Scarcity Conditions, Muscat, Oman.
10. **Thamer Ahmed Mohammed**, Mohd. Saleh Jaafar, Abdul Halim Ghazali, Nor Azlina A. (2008). “ Bio-composite oposite Revetment System for River Restoration in Urban Areas” 4th ECRR Conference on River Restoration, Italy.



11. **Thamer Ahmed Mohammed**, Aziz A. A., Huat, B.B.K. (2008). "Incorporating Case study and Site Visit for Teaching Earth and Hydraulic Structures at Universiti Putra Malaysia" Proceedings of Sixth International Conference on Case histories in Geotechnical Engineering, Washington D.C., USA.
12. **Thamer Ahmed Mohammed**, Megat J. M. M. N., Huat B.B.K., Azlan A. A. (2008). "Assessment of Some Old Earth Dams in Malaysia Through Observation and Computer Simulation" Proceedings of Sixth International Conference on Case histories in Geotechnical Engineering, Washington D.C., USA.
13. Wai Kien Tat, Azni Idris, Megat Johari Megat Mohd Noor, **Thamer Ahmed Mohamed**, Abdul Halim Ghazali, Suleyman A. Muyibi (2008). "Evaluation on Different Forms of *Moringa oleifera* Seeds Dosing on Sewage Sludge Conditioning" Proceedings of EUROMED Desalination Conference, Dead Sea, Jordan.
14. Wai Kien Tat, Azni Idris, Megat Johari Megat Mohd Noor, **Thamer Ahmed Mohamed**, Abdul Halim Ghazali, Suleyman A. Muyibi (2008). "Optimization Study on Sewage Sludge Conditioning Using *Moringa oleifera* Seeds" Proceedings of EUROMED Desalination Conference, Dead Sea, Jordan.
15. **Thamer Ahmed Mohammed**, Megat Johari Megat Mohd. Noor, Abdul Halim Ghazali (2007). "Checking the Adequacy of Rainwater Harvesting System for Housing and Landscaping" Proceeding for World Housing Congress, Terengganu, Malaysia.
16. **Thamer Ahmed Mohammed**, Megat Johari Megat Mohd. Noor, Abdul Halim Ghazali (2007). "Rainwater Harvesting As a Supplementary Source for Water Supply in Urban Areas" Proceeding for Second International Engineering Convention, Jeddah, Saudi Arabia.
17. **Thamer Ahmed Mohammed**, Abdul Halim Ghazali (2007). "Prediction of Flood Levels for Sungai Langat Using the HEC-RAS Model" Proceeding for World Engineering Congress, Penang, Malaysia.
18. **Thamer Ahmed Mohammed**, Abdul Halim Ghazali (2007). "Evaluation of Yield and Groundwater Quality for Selected Wells in Tropical Region" Proceeding of Third Symposium in GRA'S Water Resources Series, California, USA.
19. **Thamer Ahmed Mohammed**, Azlan A. Aziz, Mohd. Saleh Jaafar, Abdul Halim Ghazali, Bujang, K.H. (2007). "Cooperative Learning: Implementation and Assessment" Proceedings of Second Regional Conference on Engineering Education, Johor, Malaysia.
20. Abdul Halim Ghazali, Abdullah Ali Nassir Al-Hamati, **Thamer Ahmed Mohammed**, Jamaluddin Norzaie, Mohd Razali Abdul Kadir (2007). "Ponding and Drainage Time of Stormwater Runoff in a Developed Sub-Surface Detention System" Proceeding for World Engineering Congress, Penang, Malaysia.
21. Abdullah Ali Nassir Al-Hamati, Abdul Halim Ghazali, **Thamer Ahmed Mohammed**, Jamaluddin Norzaie, Mohd Razali Abdul Kadir (2007). "The Effects of Holes in the Strength of Rigid Polyvinyl Chloride Pipes Subjected to Uniaxial Compression Loads" Proceeding for World Engineering Congress, Penang, Malaysia.
22. Huda A.M. Thanoon, Noorzaie J., **Thamer Ahmed Mohammed**, Jaafar M.S., Zahrah Zakeri (2007). "Seismic Hazard Assessment of RCC Dam: A Dynamic Analysis in Time Domain" Proceeding for World Engineering Congress, Penang, Malaysia.
23. **Thamer Ahmed Mohammed** (2006) "Testing Some Proposed Methods in Protecting Bridge Substructure Using Physical Model" Workshop on Bridge Inspection and Repair, University of Sharjah, UAE. (Keynote Address)





24. **Thamer Ahmed Mohammed**, Azlina, A., Abdul Halim Ghazali, Mohd. Saleh Jaafar (2006). “ Environmental Performance of Bio-Composite Revetment Blocks” Proceeding of International Conference on Environment, Penang Malaysia.
25. H.A. Thanoon, M.S. Jaafar, W.A. Thanoon, **T.A. Mohammed** and J. Noorzaei. “Debonding, Slipping and Crushing Effects on the Seismic Response of a Roller Compacted Concrete Dam” Proceedings of the 8<sup>th</sup>. International Conference on Computational Structures Technology, Spain.
26. Huda A. T, Karissiddapp, J.Noorzaei, M. S. Jafaar, Waleed A. Thanoon and **T. A. Mohammed**, “Non-linear Seismic Response of Kinta RCC Dam” 13<sup>th</sup> Symposium on Earthquake Engineering, IIT Roorkee, India.
27. **Thamer Ahmed Mohammed**, Salim Said, Mohd. Zohadie Baradie, ShahNor Basri, (2006) “ One Dimensional Simulation of Flood Levels in a Tropical River System Using HEC-2 Model” Proceedings of the Joint International Conference on Computing and Decision Making in Civil Engineering, Montreal, Canada.
28. **Thamer Ahmed Mohammed**, Bujang Kin Huat, Abang Abdulllah Abang Ali, Megat Johari Megat Mohd. Noor, (2006) S “Impact of Multidisciplinary Conference on Knowledge Communication with Special Reference to the World Engineering Congress 2002 ” Proceedings of International Symposium on Knowledge Communication and Conferences:KCC2006, Florida, USA.
29. Al Khabouri Abdulbaqi, Muyibi A. Suleyman., **Thamer Ahmed. Mohammed**, Kabbashi A. Nassereldin (2006). “An Expert System Proto-type in Integrated Water Resource Management Plan (IWRMP)” Proceeding of the International Conference on Economic Incentives and Water Demand Management, Sultan Qaboos University, Muscat, Oman.
30. Al Khabouri Abdulbaqi, Muyibi A.Suleyman, **Thamer Ahmed Mohammed**, abbashi A. Nassereldin. (2006). “Water Resource Management Options for Wadi Ma’awil Catchment, Northern Oman.” Proceeding of the International Conference on Economic Incentives and Water Demand Management, Sultan Qaboos University, Muscat, Oman.

## Books

1. **Thamer Ahmed Mohammed** and Bujang B.K. Huat “ Groundwater Engineering and Geotechnique, UPM Press, Selangor, Malaysia, 2004, ISBN 983-2871-30-1.
2. Abdul halim Ghazali, **Thamer Ahmad Mohammed**, Abdul Ghani Liew Abdullah Farah Nora Aznieta Abdul Aziz “Proceedings of World Engineering Congress/Civil and Environmental Engineering” Press of the Universiti Putra Malaysia, 2007, ISBN 978-983-41705-9-2.
3. Bujang B.K. Huat, **Thamer Ahmed Mohammed**, Rahman Wagiran, Izian Abd. Karim, Abdul Ghani Liew Abdullah, Emaleza Mahsum, Iliian Azizan “Proceedings of World Hosing Congress on Affordable Housing” Press of University Putra Malaysia, 2007, ISBN 978-983-41705-5-4.
4. Mohd. Saleh Jaafar, **Thamer Ahmed Mohammed**, Bujang B.K.Huat, Waleed AM Thanoon, Jamaluddin Norzaei “Proceedings of International Conference on Bridge Engineering and Hydraulic Structures” UPM Press, Selangor, Malaysia, 2004, ISBN 983-2871-62-X.
5. Megat Johari Megat Mohd. Noor, **Thamer Ahmed Mohammed**, Badronnisa Yusof, Ahmad Rodzi Mahmud, Nasreen Bnu Noorul Ameen, Siti Fatimah Sadikon “ Proceedings of 2<sup>nd</sup> World



Engineering Congress: Water Engineering and Geomatics” Press of Universiti Putra Malaysia, 2002, ISBN 967-960-139-0.

### Chapter in Books

1. Hand Book of Bioenergy Crops) Earthscan Publisher, London, Washington D.C. 2010 .
2. **Thamer Ahmad Mohammad**, Arfah Salleh, Zainal Abidin Mohamed “Cae 7: The Worry of Imam Kampung Sungai Merab” A Chapter in the Book Entitled “ Case Studies a New Teaching-Learning Method in Civil Engineering” 2011, ISBN: 978-967-344-224-9.
3. **Thamer Ahmad Mohammad**, Noor Azman Ali, Zainal Abidin Mohamed “ Cae 8: The Intensity Use of the Bridage” A Chapter in the Book Entitled “ Case Studies a New Teaching-Learning Method in Civil Engineering” 2011, ISBN: 978-967-344-224-9.
4. **Thamer Ahmad Mohammad**, Zainal Abidin Mohamed, Abdul Halim Ghazali “ Cae 9: The Case of Water Supply Scheme for Seremban Selatan/ Barat” Intensity Use of the Bridage” A Chapter in the Book Entitled “ Case Studies a New Teaching-Learning Method in Civil Engineering” 2011, ISBN: 978-967-344-224-9.
5. **Thamer Ahmad Mohammad**, Zainal Abidin Mohamed “ Cae 10: Application of Water Supply” A Chapter in the Book Entitled “ Case Studies a New Teaching-Learning Method in Civil Engineering” 2011, ISBN: 978-967-344-224-9.

### Research Grants

No	Project Title	Amount (RM)	Year	Source of Fund
1.	Braided River Flow Enhancement Using Spur Dikes	<b>110,000</b>	2015-2017	Putra Grant
2.	An Investigation into the Impact of landuse Management Topology Alteration on Dissolved Organic Carbon (DOC) relase and Overall Flux in Tropical Peatland Rivers in South Selangor Peat Swamp (SSPS)	<b>42,000</b>	2012-2014	Ministry of Higher Education Malaysia
3.	Proposed Integrated Mitigation System for Tsunami	RM 146,352	2012-2014	E-Science Fund
4.	Evaporation Reduction form Surface Reservoir using Date Palm Laves	RM 1,000,000	2008-2012	Joint Research with King Saud University
5.	Modeling the Scour at Bridges in Malaysia	RM 150,000	2010-12	RUGS



6.	Study on Local Scour at Pier and Abutment of Bridges in Malaysia	RM 100,000	2007-09	FRGS
7.	Development of Bio-composite Interlocking Block System for River Revetment	RM 157,000		IRPA

### Awards/Recognition(Current)

Num	Name of awards	Title	Award Authority	Award Type	Year
1.	Gold Medal	Bio-Composite Revetment Block	. Belgium invention Exhibition (Urika), Brussels, Belgium	International	2005
2.	Silver Medal	Bio-Composite Block	ITEX, Ministry of Science, Technology and Innovation	International	2005

### Professional Services/Consultation

No	Year	Title	Authority	Amount
1.	1998	Design Work for Seremban Town Flood Mitigation Project, Negeri Sembilan, Malaysia	DID	RM 150,000
2.	2002	Flood Mitigation Work for Sungai Merab, Bangi, Selangor, Malaysia	DID	RM 75,000
3.	2010	Master Plan for Management of Langat River Basin ( Water Resources)	DID	RM30,000

### Student Supervision

#### PhD (Main Supervisor)

No.	Name	Title	Status
1.	Nadia Ahmed Elawed	Modeling Groundwater Exploitation in Selected Catchment in Libya	Ongoing
2.	Mohammad Ahmed Aubad Al-Masahli	Evaluation of the Management Practices for Water Resources in Wadi Salalah, Oman	Ongoing
3.	Ezzuldin Hassan Mohamed Abdulrazzak	Modeling the exploitation of Groundwater For Agricultural Usage with Environmental Consideration	Ongoing
4.	Nordila Ahmad	Physical modeling of Local Scour at Wide Piers and Long Skewed Piers	Ongoing



## Student Supervision

### PhD (Main Supervisor)

No.	Name	Title	Status
	Aida Tayebian	Optimum Operation of Multi Reservoir System	Ongoing
5.	Amir Saeed Farhangi	Modeling the Local scour at Submerged Bridges	Ongoing
6.		Impact of land-use topology alteration on	
7.	Adesiji Adeolu Richard	dissolved organic carbon release in tropical rivers	Ongoing

### MS with thesis (Main Supervisor)

No.	Name	Title	Status
1.	Sangar Hasan	Proposed System for Dam Safety Management	Graduated
2.	Syed Mohsen Hashemi	Treatment of polluted surface water Using Membrane	Ongoing

### MS without Thesis (Main Supervisor)

No.	Name	Title	Status
1.	Zakiyyah Muhammad	Development of Flood Hazard Map for River Sembah Basin, Selangor	Graduated
2.	Muhammad Rizal Razali	Seepage Simulation on Putrajaya Dam Using	Graduated
3.	Azwin Adul Razad	Estimation of Reservoir Sediment Trapping Efficiency Using Sediment Routing Model	Graduated