Curriculum Vitae of a faculty member

Personal information

Name	Kamel Ali Abd Al-Mohseen
Academic Degree	Doctor of Philosophy in Water Resources Systems Engineering
Job Title	Professor
General Major	Water Resources Systems Engineering
Mobil No.	+9647714886620
Email address	kamelmohseen@gmail.com
Website	https://www.researchgate.net/profile/Kamel_Almohseen

Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate	2003	Indian Institute of Technology	India	Water Resources Systems Engineering
Master	1987	University of Mosul	Iraq	Water Resources Engineering
Bachelor	1981	University of Mosul	Iraq	Water Resources Engineering

Experiences

Employment	Job Title	Period
Acting Dean	University of Mosul/ College of Engineering	2018 – up to now
Professor and Head	University of Mosul/ College of Engineering/ Dams and Water Resources Eng. Dept.	2011 – 2018
Visiting Scholar	Stockholm Environment Institute (SEI), DavisCalifornia, USA	2013
Visiting Scholar	Fulbright Fellowships, Michigan State University, USA	2011
Visiting Scholar	University of Waterloo, Ontario, Canada.	2010
Post Doctoral Fellowship	Endeavour-2006 Award, Griffith University – Australia	2006
Assistant Professor	Water Resources Engg. Dept..- College of Engineering -Mosul Univ.-IRAQ.	2003
Doctoral Research Scholar	Civil Engg. Dept.,Indian Institute of Technology (IIT-Delhi) ,NewDelhi India	1998-2003
Assistant professor	Irrigation Engg. Dept.- College of Engineering -Mosul Univ.-IRAQ	1996
Lecturer	Irrigation Engg. Dept.- College of Engineering -Mosul Univ.-IRAQ	1991
Assistant Lecturer	Irrigation Engg. Dept.- College of Engineering -Mosul Univ.-IRAQ	1987

Researches & Scientific activities

1.	Evaporation from soil surface in presence of shallow water tables, IAHS Proceedings of Baltimore Symposium, publication no. 181,Baltimore, USA, May 1989.
2.	Prediction of dimensionless unit hydrograph for northern part of Tigris river basin, The second scientific conference of MDRC, Mosul University, Mosul, Iraq, 18-20 March 1990.
3.	Optimal cost of multi-outlets pipelines, J. of Engineering and Technology, Baghdad, vol. (10), supplementary of no. (3), 1991.
4.	Fitting some probability distributions to annual discharges for some Iraqi Rivers. Rafidden Engineering Journal, University of Mosul, vol(1),no.(2), 1993.

5.	Optimal storage reservoir capacity, the second scientific engineering conference of Military College of Engineering, Baghdad, Ma rch, 22-24,1994.
6.	Estimation of flood storage capacity for single reservoir system as a function of economical benefits. Rafidden Engineering Journal, University of Mousl, vol.(3), no.(1),1996.
7.	Derivation of unit hydrograph from complex storm using LP. Rafidden Engineering Journal, University of Mousl, vol.(5), no.(2),1997.
8.	Long term operating policy for a single reservoir system via Genetic Algorithms part-I. Proceedings International Conference Advanced in Civil Engineering, IIT-Kharagpur, India.3-5 Jan. 2002.
9.	Long term operating policy for a single reservoir system via Genetic Algorithms part-II. Proceedings International Conference Advanced in Civil Engineering, IIT-Kharagpur, India.3-5 Jan. 2002.
10.	Probabilities of storage states for real time reservoir system, in Rafidden Engineering Journal, University of Mousl, vol.(14), no.(3),2006.
11.	Estimation of Reference Evapo-transpiration for Mosul area using Artificial Neural Networks, in Rafidden Engineering Journal, University of Mousl, vol.(15), no.(4),2007.
12.	Operation Model for Azizya Pond using Simulink, in Rafidden Engineering Journal, University of Mousl, vol.(16), no.(3),2008.
13.	Drought Index Assessment for Fatha Region Using Fuzzy Logic Approach, Proceedings of the Georgia Water Resources Conference, University of Georgia. Athens, Georgia,27-29 April,2009.
14.	Using Of Learning Vector Quantization Network for Pan Evaporation Estimation, Tikrit Journal for Engineering Sciences, University of Tikrit, vol.(16), no.(2),2009.
15.	Hydrological Drought Frequency (Case study), Rafidden Engineering Journal, University of Mosul, Vol. 18,no. 6,Dec. 2010.
16.	Operating Policy of Multi-Purpose Reservoir System Using Goal Attainment Method, Proceeding of the 4th International Scientific Conference of Salahaddin University- Erbil- Iraq, October 18-20, 2011.
17.	Optimal Allocation of Irrigated Area Downstream AlQiam proposed Dam, Proceeding of the 1st International Scientific Conference on Water Resources Engineering, University of Technology, Baghdad, Iraq, October 17-18, 2012.
18.	Laboratory Study of the coefficient of Discharge of thin crested semi circular side weir, Proceeding of the 1st International Scientific Conference on Water Resources Engineering, University of Technology, Baghdad, Iraq, October 17-18, 2012.
19.	Stochastic Dynamic Programming Model for Single Reservoir System Operation (Case Study), Rafidden Engineering Journal, University of Mosul, vol.(21), no.(5), 2013.
20.	Evaluation Of Future Performance of Northern Fatha Storage System In Hydropower Generation, Tikrit Journal for Engineering Sciences, University of Tikrit, vol.(20), no.(4), pp 1-10, 2013.
21.	Artificial Neural Network for single reservoir system operation, Proceeding of the Second Engineering Conference, Mosul University, Mosul, Iraq, 19-21 Nov. 2013.
22.	Simulation Models For Bekhma Reservoir Operation System (Comparison Study), Journal of University of Duhok, vol.(17), no.(1), 2014.
23.	Modeling of Bekhma Reservoir System Operation Using Fuzzy Logic Controller , Journal of University of Duhok, vol.(18), no.(1), 2015.
24.	Modelling monthly operation policy for the Mosul Dam, northern Iraq, Int. J. Hydrology Science and Technology, Vol. 5,No. 2, pp 179-193, 2015, UK.

25.	Water Management Model for Selected Area in Greater Zab River Basin,(Accepted for Publication, Journal of University of Duhok), 2015.
26.	Effect of Bekhma Reservoir System on the Water Management Plan for Selected Area in Greater Zab River Basin, The 1st International Conference of an Engineering and Innovative Technology, April 12-14, 2016, University of SalahAldeen, Erbil, Iraq.
27.	Conflict Resolution in the Euphrates River Dispute Using Graph Model For Conflict Resolution, Academic Journal of Science, Vol. 5, No. 1, pp 295-306, 2016.
28.	Conflict Resolution Over Lesser Zab And Diyala Rivers (Part-I), Muthanna Journal of Engineering and Technology, Vol. 5, No. 3, 2017.
29.	Integrated Application of MODFLOW for Ground Water with Surface Water Model WEAP In Nineveh Province, ICIRE conference of Duhok University, Duhok, Iraq, April2017.
30.	Fuzzy Preferences for Lesser Zab And Diyala Rivers Conflict (Part-II), Sent for possible publication to Engineering and Development Journal, Al-Mustansyria University, Baghdad, 2018.
31.	Distribution of the Euphrates and Tigris Waters using Bankruptcy Principle and Historical Prerogative with other Participating Countries, First International Conference for water, Development Center of Upper Euphrates Basin, Alanbar University, Hadetha, Iraq, 18-20 March-2019.
32.	Evaluation and Modelling of Ground Water for Aqra Aquifer, Sent for possible publication to AlRafidden Science Journal, Mosul University, 2019.

Training courses for faculty members.

	Training program name	Date
1	Stockholm Environment Institute (SEI), Davis California, USA	2013
2	University of Waterloo, Ontario, Canada.	2010
3		
4		
5		