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Google scholar link:
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Languages

- Persian (Native)
- English (Fluent)

Area of Expertise

- River Engineering
- Open Channel Hydraulics
- Reservoir Sedimentation
- Sediment Transport
- Computational Hydraulics
- Water Quality
- Mathematical Modeling

Courses Taught

Seyed Mahmood Kashefipour

Full Professor in Hydraulic Structures
Faculty of Water and Environmental Engineering
Shahid Chamran University of Ahvaz (SCU), Iran

Education

PhD

Cardiff University, Cardiff, UK, 1996 - 2002

Civil Engineering

Thesis: "Modelling Flow, Water Quality and Sediment Transport Processes in Riverine basins"

MSc

Shiraz University, Shiraz, Iran, 1985- 1988

Irrigation and Drainage

Thesis: "Evapotranspiration of Sweet Lime under Trickle Irrigation in Jahrom, Iran"

B.Sc

Shahid Chamran University of Ahvaz, Iran, 1978 - 1985

Irrigation and Development Engineering

Teaching

Full Professor (Full-Time)

Shahid Chamran University of Ahvaz ~ 2010 to date

Associate Professor (Full-Time)

Shahid Chamran University of Ahvaz ~ 2006 - 2010

Assistant Professor (Full-Time)

Shahid Chamran University of Ahvaz~ 2002 - 2006

Instructor (Full-Time)

Shahid Chamran University of Ahvaz ~ 1988 - 1996

Completed and Current Research Projects

- "Determination of Potential Evapotranspiration Rate for Mollasani Area ", Iran, 1989 -1990.
- "Determination of Evapotranspiration Coefficients for Alfa Alfa using Lysimeter for Mollasani Area", Iran, 1990 -1992.
- "Determination of Soil Hydraulic Conductivity as a function of Soil Volumetric Moisture using Internal Drainage Method", Iran, 1991-1992.
- "Determination of Radiation Local Coefficients for Mollasani Area", Iran, 1992-1993.

Undergraduate

- Hydraulic Structures 1&2
- Hydraulics
- Open Channel Hydraulics

MSc

- Advanced Open Channel Hydraulics
- Computational Hydraulics
- Earth Dams Hydraulics
- Fundamentals and Principles of Transport and Dispersion of Pollutants

PhD

- Computational Hydraulics

- *"Determination of the best Irrigation Amount and Interval for Maize for Mollasani Area", Iran, 1993-1996.*
- *" Ribble Estuary Water Quality Modelling", UK, 1998-2000.*
- *"Modelling Compliance of Estuarine Waters: A Linked Riverine, Estuarine of Coastal Modelling Approach", UK, 2000-2002.*
- *"Modelling the Fate and Transport of the Particles in Waters", UK, 2001-2002.*
- *"Estimation of Crop Coefficients and Investigation the Effect of Water Stress on Rapeseed", Iran, 2004 – 2007.*
- *"Numerical Hydrodynamic and Water Quality Modelling in Riverine Systems", Iran, 2005 – 2006. RPE: KWPT.*
- *"Prediction of Reservoir Inflow and Water Level in Dez Dam Using Fuzzy System and ANNs Method", Iran, 2006 – 2007. RPE: KWPT*
- *"Numerical Modelling of Dynamic River Bed Changes (Case Study: Karun River)", Iran, 2007 – 2008. RPE: KWPT*
- *"Linked 1D and 2D Modelling of Heavy Metals Dynamics in Riverine Systems (Case Study: Karun River)", Iran, 2007 – 2008. RPE: KWPT*
- *"The Effect of Obstacles Height on Reservoir Sedimentation by Turbidity Current", Iran, 2008 – 2009. RPE: KWPT*
- *"Investigation the Bed Load Transport Process in Ephemeral River Due to Sudden Flood", Iran, 2008 – 2009. RPE: KWPT*
- *"Influence of Adding Sand on Strength Properties of Lime-Treated Clay Soil in Foundation of Hydraulic Structures", Iran, 2009 – 2010. RPE: KWPT*
- *"Interaction of Reservoir Bed Slope and Density Current Discharge on Water Entrainment", Iran, 2010 – 2011. RPE: KWPT*
- *"Investigation of Demand Pattern and Determination of Hourly and Daily Peak Factors of Rural Water Distribution Networks in Khuzestan Province", Iran, 2008 – 2011. RPE: KWPT*
- *"Investigation on Flow Hydraulics and Riprap Stability around Spur Dike in 90 Degree Bend", Iran, 2011 – 2014. RPE: KWPT*
- *"Development of transfer functions for Standard Hydraulic Conductivity and Water Infiltration Parameters Using Artificial Neural Network, Fuzzy Logic, Kriging and Statistical Regression Methods for Khuzestan Soils", Iran, 2012 – 2013. RPE: KWPT*
- *"Numerical (Open Foam) and Physical Simulation of Density Current*

in Reservoir Dam”, Iran, 2014 – 2016. RPE: KWPT

- *“Evaluation of Industrial and Sanitary Refineries of Large Industrial Units in Ahvaz Metropolis”, Iran, 2017-2018. RPE: MIMT: Khuzestan Department.*
- *“Evaluation of Liquid Waste of Large Industrial Units in Ahvaz Metropolitan Area”, Iran, 2018-2019. RPE: MIMT-Khuzestan Department.*
- *“Master Plan for Liquid Waste and Industrial Wastewater Management of Large Industrial Units in Ahvaz Metropolitan Area with Water Resources Management Focus”, Iran, 2020-to Date. RPE: MIMT-Khuzestan Department.*

RPE: Research Project Employer

KWPT: Khuzestan Water and Power Authorities

MIMT: Ministry of Industry, Mine & Trade

Executive Posts

Head of Environmental Engineering Department

Shahid Chamran University of Ahvaz ~ 2017-2021

Member of University Board of Auditors

- *Shahid Chamran University ~ 2020- to Date*
- *Shahid Chamran University ~ 2016 – 2018.*
- *Shahid Chamran University ~ 2007-2009.*

Vice- Chancellor for Educational Affairs

Shahid Chamran University ~ 2014 - 2016

Head of Irrigation and Drainage Committee of Khuzestan Province

Ministry of Power ~ 2010 - 2014

Dean of Water Sciences and Engineering Faculty

Shahid Chamran University ~ 2004 - 2009

Head of Irrigation Department

Shahid Chamran University ~ 2002 - 2004

Educational Deputy of Ramin Agricultural Faculty

Shahid Chamran University ~ 1994 - 1996

Head of Department of Technical Affairs

Shahid Chamran University ~ 1990 - 1994

Honours

- *The Best Student –Ranked First in the Year 1985 Awarded by The President of Shahid Chamran University in 1989*
- *The Best University Researcher 1995*
- *The Best Published Paper Awarded by Vice- President of Iran, 1989*
- *The Best Published Paper in Water Engineering Festival, 2007*
- *The Best University Researcher, 2007*
- *The Best University Researcher, 2008*
- *The Best Head of Centre of Excellence Awarded by The President of Iran, 2008*
- *The Best University Researcher, 2009*
- *The Best University Researcher, 2011*
- *The Best University Researcher, 2013*
- *The best Researcher among All Universities in Khuzestan Province, 2014*
- *The Best University Researcher, 2015*
- *The Best Faculty Member in Education Section, 2017*
- *Outstanding Education Professor in Country, 2018*
- *Distinguished Professor in Country, 2019*

Interests

- Open Channel Hydraulics
- River Engineering
- Hydraulic Structures
- Sediment Transport Modelling
- Water Quality Modelling
- Computational Hydraulics
- Reservoir Sedimentation and Flushing

Memberships

- Member of Iranian Hydraulic Association
- Member of IAHR

Publications

Books

1. Falconer, R.A., B.Lin, and S.M. Kashefipour, 2001. "Modelling water quality processes in riverine system". In: *Model validation: perspectives in hydrological science*. Edited by: M.G. Anderson and P.D. Bates. Chapter 14, pp. 357-387. John Wiley & Sons Ltd.
2. Falconer, R. A, Lin, B. and S.M Kashefipour, 2005, "Modelling water quality processes in estuaries, in computational fluid dynamics: Applications in environmental hydraulics. Edited by: P.D. Bates, S.N. Lane, and R.J. Ferguson, Chapter12, pp. 305-328. John Wiley & Sons. Ltd.
3. Kashefipour, S.M., and Roshanfekr, A., 2012, "Numerical modelling of heavy metals transport processes in riverine basins", In: *Numerical Modelling*, Edited by P. Mirda, Intech Publishing Ltd. Chapter 5, pp.91-114.
4. Translate to Persian of the Book "Computational River Dynamics" By: W. Wu, 2010, Shahid Chamran University Publishing Office, 776pp.
5. Translate to Persian of the Book "Numerical Modelling and Hydraulics" 2013, By: N.R.B. Olsen, Shahid Chamran University Publishing Office, 254pp.

6. *Translate to Persian of the Book "The Hydraulics of Open Channel Flow: An Introduction" Vol 1 &2, 2020 & 2021. By: Hubert Chanson, Shahid Cjhamran University Publishing Office, 1000pp.*

- **Journal Papers in English**

- 1- Sepaskhah, A.R., and S.M.Kashefipour, 1994, "Relationships between leaf water potential, CWSI, yield and fruit quality of sweet lime under drip irrigation", *Agricultural Water Management*, Vol.25,pp.3-32.
- 2- Sepaskhah, A.R., and S.M.Kashefipour, 1994, "Relationships between crop water stress index, evapotranspiration and yield of sweet lime", *Iran Agricultural Research*, Vol.13, pp.97-109.
- 3- Kashefipour, S. M. and A.R. Sepaskhah, 1995, "Determination of unsaturated hydraulic conductivity by internal drainage: Assuming a uniform soil water potential", *Iran Agricultural Research*, Vol. 14, pp. 203-216.
- 4- Sepaskhah, A.R., and S.M. Kashefipour, 1995, "Evapotranspiration and crop coefficient of sweet lime under drip irrigation", *Agricultural Water Management*, Vol.27, pp.331-340.
- 5- Falconer, R.A., E.Harris, S.M. Kashefipour, and B. Lin, 2001, *Modelling Hydro-environmental processes in Riverine System*, In: *River Basin Management*. Edited by: R.A.Falconer and W.R.Blain, WIT press, pp.219-229 .
- 6- Kashefipour, S. M., and R.A. Falconer, 2002, "Longitudinal dispersion coefficients in natural channels". *Water Research*, Vol.36(6), pp. 1596-1608.
- 7- Kashefipour, S.M., B.Lin, E.L. Harris, and R.A. Falconer, 2002, "Hydro Environmental Modelling for Bathing Water Compliance of an Estuarine Basin". *Water Research*, Vol 36(7), pp. 1854-1868.
- 8- Yang, L., B. Lin, S.M. Kashefipour, and R.A. Falconer, 2002, "Integration of a 1-D River model with object-oriented Methodology", *Environmental Modelling and Software Journal*, Vol. 17, No.8, pp693-701.
- 9- Lin, B, S. M. Kashefipour and R.A. Falconer, 2003, "Predicting near-shore coliform bacteria concentrations using ANNS", *Water Science and Technology*, IWA, Vol. 48, No. 10, pp. 225-232.
- 10- Haghiabi, A. H, M. Ghomeshi and S. M. Kashefipour, 2004, "The Hydrodynamic of a Density Current on an Incline", *Asian Journal of Water, Environment, and Pollution*, Vol 2 (1), pp. 1-8.
- 11- Kashefipour S.M., B. Lin, and R.A. Falconer, 2005. "Neural networks for predicting seawater bacterial levels". *Proceedings of the Institution of Civil Engineers (ice)*, *Water Management*, Vol 158, Issue WM3, PP. 111-118. (ISI Journal).
- 12- Kashefipour S.M., S. Broomand Nasab, and B. Sohrabi, 2006, *Optimisation of water Productivity using production and cost functions for cotton*. *Journal of Agronomy*, Vol. 5 (1). pp. 28-31.
- 13- Kashefipour S.M., B. Lin, and R. A. Falconer 2006, *Modelling the fate of faecal indicators in a Coastal basin*", *Water Research*, Vol 40(7), PP 1413-1425.
- 14- Kashefipour S.M., B. Broomand Nasab, and S. Taheri Ghanad, 2006, *The effect of water stress on yield and Canopy-air temperature difference for spring corn*, *Journal of Agronomy*, Vol. 5(3), pp.401-405.
- 15- Kashefipour, S.M., A. A. TavaKoli, and R. A. Falconer, 2007, *Water Quality Modelling By Numerical Solution of ADE Using an Integrated Model*, *Asian Journal of water, Environment and Pollution*, Vol. 4 (2), pp. 11-15.
- 16- Tareghian, R., and S. M. Kashefipour, 2007, *Application of Fuzzy system and Artificial Neural Networks for Flood Forecasting*, *Journal of Applied Science*, Vol. 7 (22), pp. 3451-3459.

- 17- Kashefipour, S. M., S. Boroomand Nasab, and B. Sohrabi, 2007, The Effect of sprinkler, timing irrigation program on the cotton yield, *Research on Crops*, Vol. 8(2), pp. 350-354.
- 18- Roshanfekr, A., S.M. Kashefipour, and N.Jafarzadeh, 2008, "Numerical Modelling of Heavy Metals for Riverine Systems Using a New Approach to the Source Term in the ADE, IWA publishing Ltd. *Journal of Hydroinformatics*, Vol 10(3), pp. 245-255.
- 19- Javaheri, N. M. Ghomeshi, and S. M. Kashefipour, 2008, Use of the Fuzzy Method for Determination of Sediment Balance and its role on the Morphological changes in Meandering Rivers, *Asian Journal of Scientific Research*, Vol. 1 (1), pp. 32-40.
- 20- Tavakoly Zadeh, A A, and S. M. Kashefipour, 2008, Modeling Local Scour on Lose Bed Downstream of Grade – Control Structures Using ANNs, *Journal of Applied Sciences* Vol. 8(11), pp. 2067-2074.
- 21- Roshanfekr, A., S.M. Kashefipour and N. Jafarzadeh, 2008, A new approach for modeling desolved Lead using an integrated 1D and 2D model, *Journal of Applied Sciences*, Vol. 8(12), pp. 2250-2257.
- 22- Ebrahimi, N.G, M Fathi-Moghadam, S.M.Kashefipour, M.Saneie, and K Ebrahimi., 2008, Effects of Flow and Vegetation States in River Roughness Coefficients, *Journal of Applied Sciences*, Vol. 8(11), pp: 2118-2123.
- 23- Rezaia, A R, M Shafaie Bajestan, , and S.M. Kashefipour, , 2009, Experimental Investigation of the Effects of Horizontal Footing on Bed Topography of a 90° Bend, *Journal of Food, Agriculture & Environment*, Vol. 7, No.3&4, pp. 882-890.
- 24- Asghari Pari, S A, Kashefipour, S M., Ghomeshi, M and Shafaie Bajestan, M., 2010, A study of effects of obstacle heights on controlling turbidity currents with different concentrations and discharges, *International Journal of Food, Agriculture & Environment-JFAE*, WFL Publisher, Vol. 8(2),pp. 930-935.
- 25- Jafari A, Ghomeshi M., Bina M. and Kashefipour S M, 2010, Experimental study on ten modes of transverse waves due to vertical cylinders in open channels, *International Journal of Food, Agriculture & Environment-JFAE*, WFL Publisher, Vol. 8(2),pp 949-955.
- 26- Kashefipour, S M, and Zahiri, J., 2010, Comparison of empirical equations' application in the Advection-Dispersion Equation (ADE) on sediment transport modelling, *World Applied Science Journal*, WASJ, Vol.11(8)-1015-1024.
- 27- Kashefipour S M, Sadr M K, and Naseri A A, 2012, Modelling drainage water salinity for agricultural lands under leaching using artificial neural networks, *Irrigation and Drainage Journal*, ICID, 61:99-106.
- 28- Fathi-Moghaddam M, Kashefipour S M, Ebrahimi, N G, and Emamgholizadeh S, 2011, Physical and numerical modeling of submerged vegetation roughness in rivers and floodplains, *Journal of Hydrologic Engineering*, ASCE, Vol. 16(11): 858-864.
- 29- Moradi Sabzkoohi A, Kashefipour S M, and Bina M, 2011, Investigation of effective parameters on stepped and straight drops energy dissipation using physical modeling, *Journal of Food, Agriculture & Environment*, JFAE, WFL Publisher, Vol. 9(3&4): 748-753.
- 30- Kashefipour S M, Mostofizadeh, Sh, and Zahiri J, 2011, Analysing the effect of numerical method and empirical coefficients on the accuracy predictions of the ADE for BOD modelling in riverine basins, *Journal of Food, Agriculture & Environment*, JFAE, WFL Publisher, Vol. 9(3&4):1074-1077.
- 31- Katourani, S., and Kashefipour S.M., 2012, Experimental investigation the

- effect of space and size of baffles on energy dissipation in baffled apron drop. *Archives Des Sciences*, Vol. 65: 278-287.
- 32- Katourani, S., and Kashefipour S.M., 2012, Laboratory studies of the effect of space and width of baffles on the length of hydraulic jump in the downstream of baffles apron drop, *Ecology, Environment and Conservation*, Vol. 18, No. 3, 513-518.
 - 33- Mohammadi, S., and Kashefipour S.M., 2012, Modeling water elevation in natural rivers using variable Manning Coefficient, *Ecology, Environment and Conservation*, Vol. 18, No. 3, 507-512.
 - 34- Bakhtiari, M., Kashefipour S.M., Ghomeshi M, and Zahiri, J, 2012, Effect of geometric parameters of spur dike and depth-placed riprap on its failure threshold in a 90° flume bend, *Ecology, Environment and Conservation*, Vol. 18, No. 3, 479-484.
 - 35- Hemmati M, Ghomeshi M, Kashefipour S M, Shafai-Bejestan M, and Lanzoni, S, 2012, Experimental investigation of the effects of angle and length of bendway weirs on scouring and sedimentation in a meander river, *Journal of American Science*, Vol. 8(9): 912-917.
 - 36- Golabi M R, Radmanesh F, Akhodali A M, and Kashefipour S M, 2013, Prediction of seasonal precipitation using artificial neural networks (Case study: selected stations of (Iran) Khuzestan province), *Journal of Basic and Applied Scientific Research*, 391): 589-595.
 - 37- Golabi M R, Radmanesh F, Akhodali A M, and Kashefipour S M, 2013, Simulation of seasonal precipitation using ANN and ARIMA models: A case study of (Iran) Khuzestan, *Elixir Computer Science and Engineering*, 55: 13039-13046.
 - 38- Mahdavi A, Kashefipour S M and Omid M H, 2013, Effect of sorption process on cadmium transport, *Proceedings of the Institution of Civil Engineers, ice, Water Management*, Vol. 166(3):152-163.
 - 39- Jemsi S, Sayyad Gh, Jafarnezehadi A, Kashefipour S M, 2013, Development of infiltration rate pedotransfer functions using artificial neural networks and multiple linear regressions foe Khuzestan province in south of Iran, *International Journal of Agriculture: Research and Review*, Vol. 3(4): 766-770.
 - 40- Bakhtiari M, Kashefipour S M, and Ghomeshi M, 2013, Laboratory investigation on effects of angle and relative length of spur dike on riprap stability in 90° bend, *International Journal of Ocean Science* (Accepted).
 - 41- Mohammadi S, and Kashefipour S M, 2014, Numerical modelling of flow in riverine basins using an improved dynamic roughness coefficient, *Water Resources*, 41(4): 412-420.
 - 42- Zabihollah Zadeh A, and Kashefipour S M, 2014, Critical relative submergence prediction to prevent two-phase vortex flow in intakes by physical simulation, *Journal of Strategic and International Studies*, ISSN 2326-3636, Vol. 9 No. 5, 39-45.
 - 43- Kashefipour S M, and Daryaei M, 2014, Modelling the compression index for fine soils using an intelligent method, *Journal of Biodiversity and Environmental Sciences (JBES)*, Vol. 5, No. 5, 197-204.
 - 44- Asghari Pari S A, Kashefipour S M, and Ghomeshi M. 2016, "An experimental study to determine the obstacle height required for the control of subcritical and supercritical gravity currents", *European Journal of Environmental and Civil Engineering*, Vol. 21(9), pp. 1080-1092.
 - 45- Kashefipour S M, Daryaei M. and Ghomeshi M. 2018, "Effect of bed roughness on velocity profile and water entrainment in a sedimentary density current", *Canadian Journal of Civil Engineering*, Vol. 45(1), pp. 9-17.
 - 46- Kooti F. and Kashefipour S M, 2018, "Sensitivity of the head velocity in

- density currents to the various initial conditions, *ISH Journal of Hydraulic Engineering*, Vol. 24(1), pp.74-80.
- 47- Nezaratian H., Zahiri J., and Kashefipour S M., 2018, Sensitivity analysis of empirical and data-driven models on longitudinal dispersion coefficient in streams, *Environmental Processes*, Vol. 5, No. 3, pp. 833-858.
 - 48- Ferro V, Shokrian Hajibehzad, M, Shafaie Bejestan M, and Kashefipour S M, 2019, Scour around a permeable groin combined with a triangular vane in river bends, *Journal of Irrigation and Drainage Engineering*, Vol. 145, No. 3, pp. 1-12.
 - 49- Mohammadi S, and Kashefipour S M, 2020, Numerical modelling of FC bacteria using a dynamic and variable mortality rate, *Journal of Water, Sanitation & Hygiene for Development*, Vol. 10, No.3, pp. 569-579.
 - 50- Bayvazpoor A., Daryaei M, and Kashefipour S M, 2021, "Improvement of pressurised flushing efficiency by installing a single pile upstream of the orifice", *Ain Shams Engineering Journal*, Vol. 12, No. 1, pp. 47-55.
 - 51- Bijanvand S, Kashefipour S M, and Bahrami Yarahmadi, M, 2021, "Study on the effect of installation depth of pipe on scour depth under the river crossing pipeline in unsteady flow", *Journal of Irrigation Sciences and Engineering*, Vol. 43, No. 4, pp. 117-128.
 - 52- Shahriari R., Daryaei M. and Kashefipour S M., 2021, The Effect of Plate Installation Upstream of an orifice on the Pressurized Flushing Efficiency, *Canadian Journal of Civil Engineering* (Under Review).

- **Journal Papers in Persian**

Over 130 Persian papers have been published in Iranian ISC journals.

- **English Conference Papers**

1. Kashefipour, S.M., and R.A. Falconer, 1999, "Numerical modelling of suspended sediment fluxes in open channel flows" XXVIII IAHR Congress, 22-27 August 1999, Graz, Austria.
2. Kashefipour, S.M., and R.A. Falconer, 2000, "An improved model for predicting sediment fluxes in the estuarine waters", *Proceeding of Fourth International Hydroinformatics Conference*, Iowa, USA, 1-8.
3. Harris, E., J. Wakeham, A. Wither, S.M. Kashefipour, B. Lin, and R.A. Falconer, 2002, Development of a Linked Hydro-Environmental Model to Quantify Faecal Indicator levels in the River Ribbla and Fylde Coast., *WAPUG Annual Meeting*, 8-10 November, Blackpool, UK.
4. Lin, B., S.M Kashefipour, E.Harris, and R.A. Falconer, 2001, Modelling flow and water quality in estuarine and riverine waters: A Dynamically Linked 1-D and 2-D Models Approach., *Proceedings of the XXIX IAHR Congress*, September 17-21, Beijing, China, pp. 469-475.
5. Falconer, R.A., B. Lin and S.M. Kashefipour, 2001, Bathing Water Quality in Riverine Systems: A Combined Data Analysis and Modelling Approach. *Proceedings of the 2001 Third International Symposium on Environmental Hydraulics*, Arizona, USA, December 5-8.
6. Kashefipour, S.M., and R.A. Falconer, 2002, "Significance of Empirical Coefficients on the Accuracy of the Numerical Solution of the ADE", *Proceedings of the Fifth International Hydroinformatics Conference*, pp 95-102, July 1-5, Cardiff, UK.
7. Kashefipour, S.M., B.Lin, and R.A. Falconer, 2002, "Dynamic Modelling of Bacterial Concentrations in Coastal Waters: Effects of Solar Radiation", 13th Congress of the Asia and Pacific Division of the International Association for Hydraulic Engineering and Research, August 6-8, Singapore.
8. Kashefipour, S.M., R.A. Falconer, and B. Lin, 2002, "Modelling Longitudinal Dispersion in Natural Channel Flows Using ANNs", *International Conference on Fluvial Hydraulics, River Flow 2002*, September 4-6, Louvain-la-Neuve, Belgium.
9. Kashefipour, S.M., R.A. Falconer, and B. Lin, 2003, "Modelling the Impact of

- River Inputs on the Coastal Bathing Water Quality*", 6th International River Engineering Conference, Ahwaz, Iran, January 2003.
10. Kashefipour, S.M., B. Lin and R.A. Falconer, 2004, "Impact of Riverine and CSO inputs on Coastal water quality under different environmental conditions", *Proceedings of the Second International Conference on Fluvial Hydraulics, River Flow 2004*, pp. 1211-1216, 23-25 June, Italy.
 11. Haghiabi, A.H, M.Ghomeshi and S.M. Kashefipour, 2004, "Laboratory Experiments on Density Currents", *Ninth International Symposium on River Sedimentation (9th ISRS)*, Yichang, China, 18-21 Oct 2004.
 12. Javaheri, N, Kashefipour, S.M, and Ghomeshi, M. 2005. "Application of the harmonic – Periodic wave for Prediction of the morphological change in the Meandering rivers". *The Proceedings of 17th Canadian Hydrotechnical Conference*, 17-19 August 2005, Canada .pp: 269-277.
 13. Lin, B, S.M. Kashefipour, and R.A. Falconer, 2006, *Application of a non-Linear data analysis technique for bathing water quality prediction*, 7th International Conference on Hydroinformatics, HIC 2006, Nice, France, 4-8 August 2006.
 14. Tavakoly Zadeh. A. A. and S. M. Kashefipour, 2007, *Statistical Analysis for determination of dominant discharge for estimating Sediment transport Capacity in rivers*, 2nd International Conference in Managing Rivers in the 21st Century: "Solutions Towards Sustainable River Basins", *Rivers'07*, 6th-8th June 2007, Kuching, Sarawak, Malaysia.
 15. Ebrahimi, N.G., M. Fathi-Moghaddam, K. Ebrahimi, M. Saneie and S.M. Kashefipour, 2007, *Effect of bed vegetation array on river shear velocity*, *Proceedings of the International Conference Erosion and Torrent Control as a Factor in Sustainable River Basin Management*, 25-28 September 2007, Belgrade, Serbia.
 16. Kashefipour, S.M., N. Javaheri and M. Ghomeshi, 2008, "Application of the first area moment curves for determination of morphological changes in meandering rivers", *Proceedings of the International Conference on Fluvial Hydraulics, River Flow 2008*, Cesme, Izmir, Turkey. pp: 1263-1269.
 17. Roshanfekr, A., S.M. Kashefipour and N. Jafarzadeh, 2008, "Linked 1- and 2- dimensional modeling of heavy metals dynamics in riverine systems using varied reaction coefficients in the ADE", *Proceedings of the International Conference on Fluvial Hydraulics, River Flow 2008*, Cesme, Izmir, Turkey. pp: 2451-2458.
 18. Fathi Moghaddam, M., Ebrahimi, N., and S.M. Kashefipour, 2009, "Impact of flow and vegetation on river roughness coefficient, *The Nineteenth Annual AEHS Meeting and West Coast Conference on Soils, Sediments, and Water*, 9-12 March 2009, San Diego, California.
 19. Kashefipour S M, and M Bakhtiari, 2009, *Hydraulic jump in gradually expanding channel with difference divergence angles*, 33rd IAHR Congress, Vancouver, Canada.
 20. Mahdavi, A, Omid, M H, and Kashefipour, S M., 2009, *Numerical and experimental investigation of the effect of bed sediment on pollutant transport*, 33rd IAHR Congress, Vancouver, Canada.
 21. Fathi-Moghaddam, M, Ebrahimi, N G., and Kashefipour , S M., 2009, *Estimation of submerged vegetation roughness in rivers and flood plains*, 33rd IAHR Congress, Vancouver, Canada.
 22. Jafari A, Ghomeshi M, Bina M and Kashefipour S M, 2010, *Physical modelling study of free and submerged flow on the obstructions in rivers with ten modes of transverse waves*, *The 8th International River Engineering Conference*, Shahid Chamran University, Ahwaz, Jan 2010.
 23. Jafari A., Ghomeshi M., Bina M. and Kashefipour S M., 2010, *Comparing of ten modes of oscillation occurring across the open channels*, *IAHR-APD2010 Conference Proceedings*, 21-24 February 2010, Auckland, New Zealand.
 24. Kashefipour S M, Kooti F, and Ghomeshi M, 2010, *Effect of reservoir bed slope and density current discharge on water entrainment*, 6th International

Symposium on Environmental Hydraulics, 23-25 June, Athens, Greece.

25. Kaheh M, Kashefipour S M, and Dehghani A, 2010, Comparison of $k - \varepsilon$ turbulent models for estimation of velocity profiles along the hydraulic jump on corrugated beds, 6th International Symposium on Environmental Hydraulics, 23-25 June, Athens, Greece.
26. Kashefipour, S M, and Baghbanpour, S., 2011, Modelling suspended sediment transport using an integrative model of experimental coefficients in the ADE, International Conference on the Status and Future of the World's Large Rivers, 11-14 April 2011- Vienna, Austria.

- **Persian Conference Papers**

Over 150 Persian papers have been published in Iranian Conferences.

MSc and PhD Students

- Supervisor of 24 PhD Students.
- Supervisor of 60 MSc Students.

Member of Journal Editorial Board

- *Irrigation and Drainage Journal*, Irrigation and Drainage Society, Since 2010.
- *Journal of Water and Soil*, Isfahan University of Technology, Since 2011.
- *Journal of Irrigation Science and Engineering*, Shahid Chamran University, Since 2009.

Chief Editor

- *Journal of Irrigation Science and Engineering*, Shahid Chamran University, Since 2012.

Conferences Activity

- Chairman of The First National Conference "Water, Agriculture and Future Challenges", 2003.
- Chairman of The 8th International River Engineering Conference (8IREC), 2009.
- Chairman of Scientific Committee of The 9th International River Engineering Conference (9IREC), 2012.
- Chairman of The Conference "Flood 2019, If It Occurs Again!", 2019.