

Nasser Talebbeydokhti

Professor of Civil and Environmental Engineering
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KEY QUALIFICATIONS:

Professor of civil and environmental engineering with more than 40 years of teaching, research, and consulting activities that cover broad areas of water resources and environmental engineering. These include: environmental engineering; strategic environmental assessment; spatial planning; hydrology; river hydraulics, watershed engineering, sediment transport and channel morphology; hydraulic structures; hydropower; environmental impact assessment and mitigation; HSE; water resources planning; water quality management and monitoring; integrated watershed management; coastal and estuarine sediment; and river resource planning and management.

I have taught a wide range of water, environment & sediment-related topics. These include basic, applied and design engineering courses at undergraduate and graduate levels, as well as interdisciplinary graduate courses. I have presented workshops and short courses for practicing professionals on technical topics related to environmental engineering, watershed engineering, river processes, hydraulic design, dam hydraulics, environmental impact assessment, HSE, auditing environmental impact assessment, sustainable building, watershed management and resource management. I have supervised many MS and PhD theses. I have served in many steering committees related to environmental engineering, strategic environmental assessment, water resources, hydraulic structures, river engineering, sediment transport, watershed management, hydropower, integrated solid waste engineering and management and environmental impact assessment areas. I have actively involved in many engineering design projects.

EDUCATION:

Ph.D.: 1984 Civil & environmental Engineering, Oregon State University, Corvallis USA
major in Water Resources & Sediment Transport.
M.Sc.: 1979 Civil & environmental Engineering, Oregon State University, Corvallis USA
major in Water resources.
BS: 1974 Water Engineering, Tehran University, Iran, major in Water Resources Engineering Iran
Research Associate: 1980 Water Resources Research Institute, Oregon State University, Corvallis USA

Sabbatical Leave: 1990 Civil and Environmental Eng., Oregon State University, Corvallis USA
working on hydraulic, river, sediment transport, environmental engineering and watershed management.

Sabbatical Leave: 2001 Civil and Environmental Eng., Washington State University, Pullman USA
working on hydraulic, environmental engineering, river engineering and watershed management.

Summer school: 2003 Envi-Summer 2003, University of Paderborn, Germany
working on environmental issues on soil & water.

Full Professor: 2002 – Present, Civil and Environmental Engineering Dept., Shiraz University Iran

PROFESSIONAL EXPERIENCE:

2023-present Member of Academic Promotion of School of Architecture and Art, Shiraz University

2023-present Member of Center for research of Shiraz Municipality

2023-present Member of Water and Environment Institute of Shiraz University

2021-present Vice Chair of Technical Committee of INSO/TC297 on collection and transportation of solid waste Standards

2020-present Member of Sustainable Development Commission of Ministry of Sciences, Research and Technology

2020 Chairman of Third National Water and Wastewater Engineering Congress, Water and wastewater Society, November 2020, Shiraz, Iran

2018-present Member of Trustee Board of Apadana University

2018-present Vice-Chairman of 11th national Congress of Civil Engineering, Shiraz University, May 2019, Shiraz, Iran

2017-present Chairman of First International and Third national Conference of Road building with emphasis on sustainable development, Shiraz, Dec., 2017.

2016-2016 Chairman of Conference of Shiraz ecosystem resilience with emphasis on water resources management, Shiraz, Dec. 11, 2016.

2014- 2015 Chairman of Academic Committee of first international and fourth national conference on Engineering Education, November 10-12, 2015, Shiraz University

2010- Present Member of Engineering Academy of Iran- Environment and Energy

2010- 2014 Member of IHP- UNESCO committee in Iran

2010- Present Member of environmental research and technology networking, Ministry of Science, Research and Technology, Deputy Minister in Charge of Research and Technology

2010- Present Member of committee on wetland restoration in Fars province, Fars Governor Office

2011- Present Member of Commission of Research, Education and Extension of Department of Environment, Fars province, Shiraz, Iran.

2008- Present Member of research committee in water and Wastewater Company of Fars province

2007-2009 Vice chairman and Member of Organizing Committee of 8th Congress of Civil Engineering, May 11-13, 2009, Shiraz University, Shiraz, Iran

2007-2008 Chairman of First Technical Conference on Petroleum, gas and Environment, Oct. 28th, 2008, Shiraz University, Shiraz, Iran

2000-Present Member of Fars Commission on Environmental Research Environmental Protection Office Shiraz, Iran

2005-Present Task Committee on Green University Shiraz University Iran

2005- Present Director of Environmental Research & Sustainable Development Center of Shiraz Uni.

2000-Present Consulting Engineer & Design Reviewer Various Consulting Engineers on Flood water spreading and watershed Management

2002- -2004 Consulting Engineer & Design Reviewer Fars Watershed Management Office

2003---present Consulting Engineer & Design reviewer Fars water authority Iran review feasibility study of six - reservoir dams in Southern Iran

2003---present Consulting Engineer & design reviewer Fars Governor Office Iran review feasibilities study of flood protection & watershed management on cities across Fars Province

2003---present Consulting Engineer National Gas Company Iran Design flood protection & watershed managements schemes for gas refinery in Bandar Abbas, Iran

2003---present Consulting Engineer National Gas Company Iran Design drainage system for Gas & Petroleum College in Bushehr Province, Iran

2003—2003 Consulting Engineer & design reviewer Housing Office Iran Water resources & watershed investigation on city development

2003--2003 Chairman of technical workshop on “the role of dam activities in watershed management and planning” IRCOLD Iran

2003-present Editorial board of water Resources Research Journal Water Resources Association Iran

2002—present Researcher National science foundation Iran investigate the water quality and eutrophication of Doroodzan reservoir dam Iran

2002---2003 Consulting Engineer Planning & management office Iran Review feasibility and design stage of river basin development

2002---2003 Environmental consulting Environmental Protection Agency Iran Preparing environmental data bank for Fars Province

2002—present Director and Member of scientific committee Environmental and sustainable development research Center Shiraz University Iran

2001—2003 Researcher Fars Petrochemical Complex Iran Investigate the salt potential and its impurities in Maharloo Lake in Shiraz

2002---present Professor Civil Engineering Dept. Iran Teaching, Consulting & Research in water resources, watershed and environmental subjects

2000—present Design reviewer Agricultural Ministry Iran design hydraulic structures for watershed management for ground water recharge

1999---2003 Researcher Environmental Protection Agency Iran Research on water quality of Kor River basin

2000—2002 Technical steering Committee Agriculture Ministry Iran review reconnaissance & feasibility study for 56 sites for hydropower development in southern Iran

2001-present Editorial board of Iranian Journal of Science and Technology Shiraz University Iran

2001-present Member of expert committee on urban rivers in Shiraz Iran review reconnaissance & feasibility study of urban rivers

2001-2003 Researcher Shiraz University Iran environmental impact assessment of Shiraz solid waste landfill

2000—2002 Researcher Shiraz University Iran environmental impact assessment of reservoir dam on Kor River

2000-2001 Researcher& Visiting Professor sabbatical leave working on the effect of land use on salmon fish in PNW, Washington State University, USA

1999--1999 Chairman of Regional workshop on Traditional Water Harvesting Systems, May 1-5, 1999, Tehran, Iran

1989---2001 Technical steering Committee Fars Water Authority Iran review reconnaissance, feasibility & design studies for major reservoir dams in southern Iran

1997-2000 Researcher members of environment and sustainable development in National Research Foundation of Iran

1992-1998 Member of Erosion and Sediment Committee, UNESCO in Iran

1995---2002 Associate Professor of civil engineering Shiraz University Iran

1995-present Member of power ministry high commission to turnkey kowsar reservoir (130-m height) Dam project Iran review detailed design drawings

1995-2001 Member of consulting engineer to Karkhah Dam& Izad khast Dam Iran

1994-2000 Design reviewer Flood control in various cities in Iran such as; Shiraz, Yasuj, Jahroom, Sepidan, Larastan, Marvedasht, and Khavaran

- Protection of bank and bed of Cheev River (30 km)
- Pipeline transmission in Bachoon plain
- Design of lake and tourist areas in Shiraz
- Design of diversion dam in Shiraz
- Transmission of water by pumping station in Mond River

1992-1994 Member of Dam committee to provide help to Contractor of Sivand Dam in Iran

1991-1992 Designer Investigation of khosk River in Shiraz Drainage project in various parts of Shiraz, and Riverbed protection in Khoshk River in Shiraz Iran

1990—present Short course Lecturer state and private organization Iran in many subjects on water resources, hydropower and environmental engineering

1990--1990 Chairman of Third International Congress of Civil Engineering, Shiraz, May 14-18, 1990 Iran

1990-present member of Technical committee of many workshops and seminars related to water resources and environmental engineering Iran

1990---1991 Researcher & Visiting Professor Sabbatical leave Oregon State University USA

1988---1990 Vice-dean of Research, School of Engineering Shiraz University Iran

1988---1990 Member of editorial board of press Shiraz University Iran

1988---1990 Member of Shiraz University Council Shiraz University Iran

1985---1988 Chairman of Civil Engineering Department Shiraz University Iran

1985---1986 Vice dean of Student Affair-School of Engineering Shiraz University Iran

1984- Present Researcher environmental assessment of many water resources projects in Iran

1984---1995 Assistant Professor of civil engineering Shiraz University Iran

1980---1984 Teaching and Research Assistant Oregon State University USA

1980-1984 Project engineer Hydrodynamic and Pollution characteristics of Sturgeon Lake in Portland, Oregon, U.S.A.

1977---1984 Project engineer water resources research institute Oregon State University USA working on many river and water resources project

1978—1980 Project engineer Department of Energy USA working on hydro potential in Northwest with a team of experts from four neighboring states

1977-1980 Project engineer Sediment management in Willamette River, Corvallis, Oregon USA

LANGUAGES:

Farsi, my mother tongue language

English, good command

German, just started to learn

GEOGRAPHIC EXPERIENCE:

I have earned my teaching, research and consulting experiences working on many environmental engineering, water resources, River Engineering, Sediment Transport, watershed, hydropower, and environmental subjects during my study and sabbatical leaves at water resources research Institute at Oregon State University and Washington State University within Pacific Northwest regions. I have also gained experiences working on multidisciplinary subjects as a teacher, consulting engineer, member of task committee, technical steering panel on subjects such as water resources development, watershed engineering, small and medium hydropower, dam activities, watershed management and environmental assessment. I have also served many scientific committees regarding workshops on bed load measurement, watershed management, water resources activities, Environmental impact assessment, environmental flow, traditional methods of water harvesting, and hydraulic structures in United States of America, Germany and Iran. I have organized and participated in many international, national, and regional workshops working with colleagues in neighboring countries and worldwide in Civil & Environmental Engineering, Sediment transport, and watershed and water resources subjects.

PROFESSIONAL AFFILIATIONS:

- Member of Academy of Sciences in Engineering, Environment and Energy branch
- Vice Chair of Technical Committee of INSO/TC297 on collection and transportation of solid waste Standards, 2021-present
- Member of Sustainable Development Commission of Ministry of Sciences, Research and Technology
- Chairman of Third National Water and Wastewater Engineering Congress, Water and wastewater Society, November 2020, Shiraz, Iran
- Vice-Chairman of 11th national Congress of Civil Engineering, Shiraz University, May 2019, Shiraz, Iran
- Chairman of First International and Third national Conference of Road building with emphasis on sustainable development, Shiraz, Dec., 2017.
- Chairman of Conference of Shiraz ecosystem resilience with emphasis on water resources management, Shiraz, Dec. 11, 2016.
- Chairman of Academic Committee of first international and fourth national conference on Engineering Education, November 10-12, 2015, Shiraz University
- Vice chairman of 8th International Congress on Civil Engineering, May 11-13, 2009, Shiraz, Iran
- Editor- in- chief of Iranian Journal of Science & Technology, Transactions of Civil Engineering (ISI)
- Editor in Chief of Iranian Journal of watershed Management (Science & Engineering) from March 2007 to Aug. 2011
- Editor- in- Chief of Water Engineering Journal (ISC)
- Editorial board of Iranian Journal of Science & Technology Transaction of Civil Engineering (ISI) 2008-2025 publisher; Springer
- Editorial board and associate editor of Iran- Water Resources Research Journal (ISC)
- Editorial board and associate editor of Water & wastewater Journal (ISC)
- Editorial board and associate editor of Water & watershed Journal
- Editorial board of Sharif Scientific Journal, Civil Engineering (ISC)
- Editorial Board and associate editor of Iranian water Research Journal (ISC)
- Editorial Board and associate editor of Iranian Hydraulic Journal (ISC)
- Editorial Board of water and irrigation Journal, Tehran University (ISC)
- Editorial Board of Hydraulic Structures
- Member of IHP- UNESCO committee in Iran
- Member of word selection in Civil engineering, Academy of Science, Iran

- Member of promotion committee for school of engineering, Shiraz University
- Member of Iranian environmental research centers networks, Ministry of Science, Research and Technology
- Member of Board of Trustee of Iranian Civil Engineering Congresses
- President of Iranian watershed society, 2007-2010
- Member of Iranian Watershed Society
- Member of Expert Committee on Erosion & Sedimentation, UNESCO and Jihad-e-Keshaverzi Ministry
- Member of board and founder of Green Development Society, an NGO on environment
- Member of scientific committee of watershed Management in Jihad-e-Keshaverzi Ministry
- Director of Environmental Research and Sustainable Development Center of Shiraz University
- Member of AGU
- Member of IAHR
- Member of Iranian Society of Civil Engineering
- Member of Iranian Hydraulic Society
- Member of Iranian water Resources Society
- Member of Iranian ICOLD
- Member of Iranian environmental society

HONORS/AWARDS:

- Distinguished Water and Wastewater Society, 2023
- Winner of Outstanding Researcher in School of Engineering, 2020
- National Distinguished Engineering Professor, 2017
- Distinguished Water harvesting system knowledge, 2015
- Distinguished Hydraulic Professor of Hydraulic Society of Iran in 2011
- Celebrated scholar, Iranology Foundation
- Winner of best Article in sediment transport, 1992, National Research foundation of Iran
- Winner of first prize engineering book entitled Gabion Structure, 1990, Islamic Republic of Iran, and Book of the Year, a book used by many watershed engineers and scientists in Iran.
- Winner of Shiraz University Researcher of the Year Award (2005)
- Member of Word selection in Civil Engineering, Academy of Science
- Winner of outstanding researcher, 2004, school of engineering, Shiraz University, Iran.
- Winner of Best Article in 4th Civil Engineering Congress, Tehran University, May 2008.
- Winner of Outstanding Industry Researcher of 2007, Shiraz University
- Winner of Best article in 7th Hydraulics Conference
- Winner of Outstanding researcher of 2008, Shiraz University
- Winner of Outstanding researcher of Civil and Environmental Engineering, 2009.

Presentation and Seminars:

Many keynote lectures around Iran and abroad have been presented in areas of LEED assessment for building industry, Water crisis - challenges and solutions, Historical hydraulic structures, Environmental flow, Hydraulic challenges, Strategic environmental assessment, Land use planning, Environmental impact assessment, Environmental requirements for rivers, Engineering services in history, Dust – challenges and solutions, hydraulic engineering, sediment transport, river engineering, watershed management, environmental challenges, green buildings, environmental impact assessment, strategic environmental assessment, water crisis-challenges and solutions, wetlands in Iran-challenges, environmental flows-

challenges, sustainability, resilient structures, integrated solid waste management, hazardous waste, river restoration, water resources in Iran.

Master of Science Theses:

More than 100 M.Sc. theses in different areas of Civil and Environmental Engineering have been supervised by me as a supervisor during last 40 years of teaching and also, I served in more than 250 M.Sc. theses as an advisor.

Ph.D. Theses:

30 Ph.D. theses have been defended under my supervision including:

- 1) Asadollah Mardashti, Form optimization of stepped spillway for energy dissipation based on step-pool mountain streams, October 2007
- 2) Abdol Hosein Baghlani, Numerical modeling of two-dimension depth-averaged for alluvial river junctions, 2007
- 3) Hassti Hasheminejad, Experimental study and modeling of Petroleum contaminated ground water treatment by using GAC, PAC, peat and natural cellulos materials (sawdust), March 2009
- 4) Zahra Ghadampour, Modeling non-hydrostatic flow inclusion of turbulent using Meshfree methods, September 2012
- 5) Seied Mehrab Amiri, A hybrid neural network and two-dimensional depth-averaged model for alluvial channels, 2012
- 6) Ali Akbar Hekmatzade, Experimental investigation and modeling of Nitrate removal from polluted water by ion exchange process, June 2012
- 7) Mohammad Reza Nikmanesh, Numerical modeling of concentration profile for soft muddy (cohesive) sediments due to wave and current, February 2013
- 8) Ali Mahdavi, Numerical modeling of wave flume using smoothed particle hydrodynamics, March 2015
- 9) Hussien Khorshidi, Stochastic solution of advection-diffusion equation for open channel flow, June 2016
- 10) Hamid Reza Sannayaei Zarif, Analytic solution of Richards' Equation in unsaturated soils, June 2016
- 11) Farnoush Aghaee Daneshvar, Numerical Simulation of Free Surface Fluid Flows Using Improved Mesh-Free Particle Methods , September 2017
- 12) Nazanin Zare, Evaluation and Modeling Urban Resilience to Floods and Methods to Increase Its Resiliency, a Case Study of Shiraz Metropolitan, September 2018
- 13) Masoud Mesbahi, Uncertainty Analysis of Maximum Scour Depth at Downstream of Stilling Basins Based on EPR and MT Approaches, Feb. 2016
- 14) Mohammad Hadi Fattahi, Fractal analysis of river flow, June 2008
- 15) Amir Asadi Vaighan, Assessment of Climate and Land-use Change Effects on Nitrogen, Phosphorus and Suspended Sediment by BASINS-WinHSPF and INCA: A Case Study of Kor River Basin, January 2018
- 16) Rasoul Rajabpour, Developing a New Applied Model with PSO Algorithm in Simultaneous Optimization of Water Conveyance and Distribution, 2017
- 17) Majid Niazkar, Novel Grain and Form Roughness Estimator Scheme Incorporating Artificial Intelligence Models, 2018

- 18) Roghayeh Yousefi, Inverse Solution of Groundwater Equations and Determination of Hydraulic Parameters Using Lattice Boltzman Method and InSAR Technique, September 2019
- 19) Shakoufeh Pourshahi, Spatio-Temporal Multi-objective Optimization of Reservoir Water Quality Monitoring Network Considering Uncertainties and Utilities of Stakeholders, 2019
- 20) Saeed Zeinali, Artificial neural network for the prediction of shoreline changes in Narrabeen, Australia, 2020
- 21) Seyed Hussein Mousavi, Experimental Study and Mathematical Modeling of Electrokinetic Technique Assisted by a Permeable Reactive Barrier for Remediation of Nitrate-Contaminated Soil, 2021
- 22) Abolghasem Sayadi, Climatic change impact assessment on temperature, precipitation, and runoff of Droudzan catchment area of Fars province using multi-model ensemble mean approach, 2019
- 23) Shahabodin Shojaeizadeh, Modeling and forecasting Suspended Sediment Load in Rivers..., 2021
- 24) Hassanali Mahdieh Najabadi, Numerical Modeling and Laboratory Investigation of Modified baffled in a flow..., 2021
- 25) Mohammad Reza Fiezi, Numerical simulation of Flume wave using Lattice Boltzman Method, 2021
- 26) Benafsheh Nematollahi, Optimization of Risk in Reservoir Operation....., 2023
- 27) Ali Mohammad Dehghan Manshadi, Laboratory Investigation and Modeling and Optimization of Adsorption of Heavy Metals..., 2023
- 28) Maziar Bahrami, Development of Data Assimilation and Fusion Models for Modeling Runoff., 2023
- 29) Bahareh Raheli, Evaluation of uncertainty modeling spatial-temporal water quality, 2024
- 30) Mahbobeh Kalantari, Evaluation of comprehensive risk and uncertainty of water resources, 2025

Additionally, I served in more than 40 Ph.D. theses as an advisor. Presently, four PhD students working on their theses under my supervision.

PUBLICATIONS:

a. Books:

1. Talebbeydokhti, N. and B. Banihashemi, Chapter 13: Application of Environmental Flow in Developing Countries: Methods and Challenges, Water Management in Iran and The United States, Editor, Henry Vaux Jr., University of California, Rosenberg International Forum on Water Policy, 2010, PP220-245
2. Shaghaghian, M. R. and Talebbeydokhti, N., Comparison of Several Finite Difference Schemes in Flow Modeling over an Ogee Spillway in a Book Entitled Advances in Water Resources and Hydraulic Engineering, Edited by Zhang, C. and Tang, H., Springer Publisher, 2009
3. Sadeghi, S.H.R., Yasrebi, B., Talebbeydokhti, N., Shahoei, S., Soufi, M., and Behboudi, F., "Soil and water Conservatiob in Forest watershed," Iranian Commission Unesco, Iranian Watershed Society, Spring 2008.
4. Arabkhedri, M., Kamali, K., Sadeghi, S.H.R., Soufi, M., Behnia, A., Talebbeydokhti, N., and Behboudi, F., "Traditional Techniques of Soil and Water Conservation in Iran, Iranian Commission UNESCO, Iranian Watershed Society, Spring 2008.
5. Talebbeydokhti et al., "Erosion and Sediment Glossary", Erosion and Sediment Committee and UNESCO, Tehran, 2003

6. Javan, M., N. Talebbeydokhti, M. Farshad, P. Javahari, "Gabion Structures", Jahad Sazandeghi Publishing, Tehran (in Farsi), 1990. Winner of Best Engineering Book in Book Fair of Iran, Year of 1990
7. Talebbeydokhti, N. and M. Javan, "River Engineering, "(in Farsi), Under print.
8. Anvar, S.A., and N. Talebbeydokhti, "proceedings of Third International Congress of Civil Engineering ", editors, May 14-18, 1990, 6 Volumes (5 in English and one in Farsi).
9. Talebbeydokhti, N., A. Telvari, and S.A. Heydarian, "Regional workshop on Traditional Water Harvesting Systems", Editors, May 1-5, 1999, Tehran, Iran.
10. Editing 2 books on hydraulic Engineering and sediment transport published by Esfahan Industrial University and Ahwaz University.
11. Editing book on river engineering published by watershed and soil conservation Center, 2005, Tehran, Iran.
12. Yasi, M., Javan, M., Talebbeydokhti, N. and Bina, M., "Spur Dike design", 2008, water industry standard # 516, Power ministry (Farsi)
13. Talebbeydokhti, N., "Fresh Waters of Iran, Sea, Lakes and Shorelines of Iran, Atmosphere and Climate of Iran," three chapters of a book on State of Environment of Iran published by Academy of Sciences, edited by M. Mokhdom, 2017
14. Tavanpour, N. and Talebbeydokhti, N., "Role of Rainfall and Catchment Characteristics on Urban Stormwater Quality," 2020

Journals papers (refereed):

(A) ISI journals:

1. M Haghighat, MR Nikoo, N Talebbeydokhti, MR Hassani, Reservoir water quality planning based on a robust multi-criterion...., Journal of Environmental Management 397, 128271, 2026
2. M Kalantari, MR Nikoo, N Talebbeydokhti, Assessment of renewable water in the face of climate change by a comprehensive analysis of adaptation strategies, Climate Change, 2025 178(3) 42
3. S Roshan, N Talebbeydokhti, SH Afzali, R Piraei, M Niazkar, Estimating Pipe Friction Factors Using Machine Learning Approaches, Iranian Journal of Science and Technology, Transactions of Civil Engineering, 2025
4. MK Ghorbani, N Talebbeydokhti, H Hamidifar, M Samadi, M Nones, F Rezaeitavabe, S Heidarifard, Application of Multi-Criteria Decision-Making Models for Assessment of Education Quality in Water Resources Engineering, Algorithms 2025, 18, 12
5. B Raheli, N Talebbeydokhti, V Nourani, Uncertainty assessment of optically active and inactive water quality parameters predictions using satellite data, deep and ensemble learnings, Journal of Hydrology, 2024
6. B Raheli, N Talebbeydokhti, V Nourani, S Saadat, Uncertainty Assessment of surface water salinity using ensemble and deep machine learning methods: a case study of Lake Urmia, Iranian Journal of Science and Technology, Transactions of Civil Engineering, 2024
7. S Shojaeizadeh, M Alwardi, MR Nikoo, M Ghorbani Mosaloo, N Talebbeydokhti, N Alamdari, A Gandomi, Historical Hazard Assessment of Climate and Land Use–Land Cover Effects on Soil Erosion Using Remote Sensing: Case Study of Oman, Remote Sensing, 2024

8. R Bakhshi, N Talebbeydokhti, M Salari, Azo Dye Decolorization in Sole Biocatalyzed Electrolysis System (BES) and Coupled with Anaerobic Sequencing Batch Reactor (ASBR-BES) in Operation with Ideal Synthetic, Korean Journal of Chemical Engineering, 2024, 1-9
9. F Aghaee Daneshvar, F. N Talebbeydokhti, SM Dehghan, SMM Elhamian, Evaluation of internal surface roughness in fiberglass pipes by surface roughness instruments, Water Resources Engineering 2024, 16 (59)
10. MS Khorshidi, MR Nikoo, G Alranas, N Bahrami, M Alwadi, N Talebbeydokhti, A Gandomi, Integrating agent-based modeling and game theory for optimal water resource allocation within complex hierarchical systems, Journal of Cleaner Product, 482, 144164 2024
11. M Bahrami, N Talebbeydokhti, G Rakhshandehroo, MR Nikoo, N Alamdari, Integrated Multi-source data assimilation and NSGA-II ..., Journal of Hydrological Engineering, 29(6) 2024
12. B Nematollahi, MR Nikoo, N Talebbeydokhti, G Rakhshandehroo, Reservoir Release Allocation and Weir Design MATLAB® toolbox, Hydrological Sciences Journal 2023, 68 (15), 2141-2153
13. G Mehdizadeh, MR Nikoo, N Talebbeydokhti, S Vanda, B Nematollahi, Hypolimnetic aeration optimization based on reservoir thermal stratification simulation, Journal of Hydrology 2023, 625, 130106
14. N Sadra, MR Nikoo, N Talebbeydokhti, Non-stationary evaluation of runoff peaks in response to climate variability and land use change in Ferson Creek, Illinois, USA, Environmental Monitoring and Assessment 2023, 195 (6), 661
15. FA Daneshvar, N Talebbeydokhti, SM Dehghan, SMM Elhamian, Evaluation of Darcy–Weisbach Friction Factors of Fiberglass Pipes Based on Internal Surface Roughness Measurement, Iranian Journal of Science and Technology, Transactions of Civil Engineering, 2023
16. A Nariman, MH Fattahi, N Talebbeydokhti, MS Sadeghian, Resilience assessment of Sadra urban water distribution network based on urban crisis planning and management under earthquake, Islamic Azad University, Marvdasht Branch, 2023, 14 (52), 37-56
17. A Nariman, MH Fattahi, N Talebbeydokhti, MS Sadeghian, sssessment of Seismic Resilience in Urban Water Distribution Network Considering Hydraulic Indices, Iranian Journal of Science and Technology, Transactions of Civil Engineering, 2023
18. MK Ghorbani, N Talebbeydokhti, H Hamidifar, M Samadi, M Nones,. Improving the Quality of Education in Water Resources Engineering: A Hybrid Fuzzy-AHP-TOPSIS Method, Geoscience Communication Discussions 2023, 1-16
19. M Bahrami, N Talebbeydokhti, G Rakhshandehroo, MR Nikoo, A fusion-based data assimilation framework for runoff prediction considering multiple sources of precipitation, Hydrological Sciences Journal 2023, 68 (4), 614-629
20. R Yousefi, N Talebbeydokhti, SH Afzali, M Dehghani, AA Hekmatzadeh, Understanding the effects of subsidence on unconfined aquifer parameters by integration of Lattice Boltzmann Method (LBM) and Genetic Algorithm (GA), Natural Hazards, 2023, 115 (2), 1571-1600
21. S Baharvand, R Rezaei, N Talebbeydokhti, R Nasiri, SM Amiri, Investigation of Energy Dissipation Rate of Stepped Vertical Overfall (SVO) Spillway Using Physical Modeling and Soft Computing Techniques, KSCE Journal of Civil Engineering, 2022, 26 (12), 5067-5081
22. AD Manshady, G Rakhshandehroo, N Talebbeydokhti, Mechanosynthesizing a dual cation orthophosphate using planetary ball mill; Potassium struvite production employing different primary components, Advanced Powder Technology, 2022, 33 (10), 103751

23. B Nematollahi, MR Nikoo, AH Gandomi, N Talebbeydokhti, A Multi-criteria decision-making optimization model for flood management in reservoirs, *Water Resources Management*, 2022, 36 (13), 4933-4949
24. B Nematollahi, M Niazkar, N Talebbeydokhti, Correction to: Analytical and Numerical Solutions to Level Pool Routing Equations for Simplified Shapes of Inflow Hydrographs, *Iranian Journal of Science and Technology, Transactions of Civil Engineering*, 2022
25. SHM Alyani, N Talebbeydokhti, FD Ardejani, AK Jashni, .Optimizing operational parameters of electrokinetic technique assisted by a permeable reactive barrier for remediation of nitrate-contaminated soil, *Iranian Journal of Science and Technology, Transactions of Civil Engineering*, 2023
26. M Yazdian, G Rakhshandehroo, MR Nikoo, N Talebbeydokhti, Developing a model based on games theory for optimal allocation of water to stakeholders in shared water resources under water bankruptcy conditions: Application of chicken game, *Water Resources Engineering*, 2022, 15 (52), 1-12
27. N Talebbeydokhti, M Feizi, SM Amiri, B Chopard, Simulation of 1-D wave propagation by Meshless Lattice Boltzmann method based on Extended Boussinesq equations, *Coastal Engineering Journal*, 2022, 64 (2), 285-301
28. HA Mahdiah, N Talebbeydokhti, SH Afzali, A Karimi-Jashni
29. Development and evaluation of a novel feed spacer for forward osmosis membrane, *Process Safety and Environmental Protection*, 2022, 159, 874-886
30. B Nematollahi, P Hashempour Bakhtiari, N Talebbeydokhti, A stochastic conflict resolution optimization model for flood management in detention basins: application of fuzzy graph model, *Water*, 2022, 14 (5), 774
31. SA Shojaezadeh, MR Nikoo, N Talebbeydokhti, M Sadegh, Process-constrained statistical modeling of sediment yield, *Catena*, 2022, 209, 105794
32. M Kharazmi, SA Mirbagheri, GA Omrani, N Talebbeydokhti, Investigation of Iron and Lead Changes in Wastewater Treatment Sludge Decomposition Reactor With and Without Worm Existence, *Iranian Journal of Science and Technology, Transactions of Civil Engineering*, 2022...
33. Molaei, S, G Moussavi, N Talebbeydokhti, S Shekoohian, "Biodegradation of the petroleum hydrocarbons using an anoxic packed-bed biofilm reactor with in-situ biosurfactant-producing bacteria," *Journal of Hazardous Materials*, 2022, 421, 126699
34. Niazkar, M, N Talebbeydokhti, SH Afzali, "Bridge backwater estimation: a comparison between artificial intelligence models and explicit equations," *Scientia Iranica*, 2021, 28 (2), 573-585
35. Zeinali, S, M Dehghani, N Talebbeydokhti, "Artificial neural network for the prediction of shoreline changes in Narrabeen, Australia," *Applied Ocean Research*, 2021, 107, 102362
36. Rezaeitavabe, F, M Sartaj, MA Tokmedash, N Talebbeydokhti, "Assessment of the Environmental Impacts of COVID-19 in Urban Areas—A Case Study of Iran," *Journal of Environmental Protection*, 2021, 12 (5), 328-344
37. Alyani, SHM, N Talebbeydokhti, FD Ardejani, AK Jashni, ..., "Optimizing Operational Parameters of Electrokinetic Technique Assisted by a Permeable Reactive Barrier for Remediation of Nitrate-Contaminated Soil," 2021
38. *Iranian Journal of Science and Technology, Transactions of Civil Engineering*

39. Nematollahi, B, M Niazkar, N Talebbeydokhti, "Analytical and Numerical Solutions to Level Pool Routing Equations for Simplified Shapes of Inflow Hydrographs," Iranian Journal of Science and Technology, Transactions of Civil Engineering, 2021
40. Yousefi, R, N Talebbeydokhti, SH Afzali, AA Hekmatzade, "A solution for unconfined groundwater flow: An innovative approach based on the lattice Boltzmann method," Scientia Iranica, 2021, 28 (5), 2493-2503
41. Azadi, S, A Karimi-Jashni, N Talebbeydokhti, R Khoshbakht, AB Haghighi, "Industrial composting of commingled municipal solid waste: a case study of Shiraz City, Iran," Journal of Environmental Treatment Techniques, 2020, 8 (4), 1292-130
42. Hekmatzadeh, AA, H Keshavarzi, N Talebbeydokhti, A Torabi Haghighi, "Lattice Boltzmann solution of advection-dominated mass transport problem: A comparison," Scientia Iranica, 2020, 27 (2), 625-638
43. Zeinali, S, N Talebbeydokhti, M Dehghani, "Spatiotemporal shoreline change in Boushehr Province coasts, Iran," Journal of Oceanology and Limnology, 2020, 38 (3), 707-721
44. Niazkar, M, N Talebbeydokhti, "Comparison of explicit relations for calculating Colebrook friction factor in pipe network analysis using h-based methods," Iranian Journal of Science and Technology, Transactions of Civil Engineering, 2020,
45. Pourshahabi, S, G Rakhshandehroo, N Talebbeydokhti, MR Nikoo, "Handling uncertainty in optimal design of reservoir water quality monitoring systems," Environmental Pollution, 2020, 266, 115211
46. Bakhtiari, PH, MR Nikoo, A Izady, N Talebbeydokhti, "A coupled agent-based risk-based optimization model for integrated urban water management," Sustainable Cities and Society, 2020, 53, 101922
47. Rezaeitavabe, F., S Saadat, N Talebbeydokhti, M Sartaj, M Tabatabaei, "Enhancing bio-hydrogen production from food waste in single-stage hybrid dark-photo fermentation by addition of two waste materials (exhausted resin and biochar)," Biomass and Bioenergy, 2020, 143, 105846
48. Yousefi, Roghayeh, Nasser Talebbeydokhti, Seyyed Hosein Afzali, and Maryam Dehghani. 2019. "Stress-Strain Analysis by Genetic Algorithm-Based Integration of Long-Term Subsidence Time Series from Different Synthetic Aperture Radar Platforms in Darab, Iran." Journal of Applied Remote Sensing 13(02): 1. <https://doi.org/10.1117%2F1.jrs.13.024520>.
49. Sanayei, Hamed Reza Zarif, Nasser Talebbeydokhti, and G Reza Rakhshandehroo. 2019. "Analytical Solutions for Water Infiltration into Unsaturated Semi-Saturated Soils Under Different Water Content Distributions on the Top Boundary." Iranian Journal of Science and Technology, Transactions of Civil Engineering. <https://doi.org/10.1007%2Fs40996-019-00245-3>.
50. Niazkar, M, N Talebbeydokhti, and S H Afzali. 2019. "Development of a New Flow-Dependent Scheme for Calculating Grain and Form Roughness Coefficients." KSCE Journal of Civil Engineering.
51. Sayadi, Abolghasem, Nasser Taleb Beydokhti, Mohsen Najarchi, and Mohammad Mahdi Najafizadeh. 2019. "Investigation into the Effects of Climatic Change on Temperature, Rainfall, and Runoff of the Doroudzan Catchment, Iran, Using the Ensemble Approach of CMIP3 Climate Models." Advances in Meteorology 2019. <https://doi.org/10.1155/2019/6357912> (September 11, 2019).

52. Hekmatzadeh, Ali, Hatef Keshavarzi, Nasser Talebbeydokhti, and Ali Torabi Haghighi. 2018. "Lattice Boltzmann Solution of Advection-Dominated Mass Transport Problem: A Comparison." *Scientia Iranica* 0(0): 0. <https://doi.org/10.24200/2Fsci.2018.5616.1376>.
53. Rajabpour, R, N Talebbeydokhti, and Gh.R. Rakhshandehroo. 2018. "Developing New Algorithm (G- $\{JPSO\}$) for Optimal Control of Pumps in Water Distribution Networks." *Scientia Iranica* 0(0): 0. <https://doi.org/10.24200/2Fsci.2018.20703>.
54. Niazkar, M., Talebbeydokhti, N., and Afzali, S. H., "Novel Grain and Form Roughness Estimator Scheme Incorporating Artificial Intelligence Models," *Water Resources Management*, 2018, doi.org/10.1007/s11269-018-2141-z
55. Niazkar, M., Talebbeydokhti, N., and Afzali, S. H., "Development of a New Flow-Dependent Scheme for Calculating Grain and Form Roughness Coefficients, *ASCE Journal of Civil Engineering*, 2018
56. Pourshahabi, S., Talebbeydokhti, N., Rakhshandehroo, Gh.R., and Nikoo, M.R., "Spatio-Temporal Multi-Criteria Optimization of Reservoir Water Quality Monitoring Network Using Value of Information and Transinformation Entropy," *Water Resources management*, under print
57. Rajabpour, R., Talebbeydokhti, N. and Rakhshandehroo, Gh.R., "Developing New Algorithm (G-JPSO) for Optimal Control of Pumps in water Distribution Networks," *Scientia Iranica*, under print
58. Saadat, S., Raei, A., and Talebbeydokhti, N., "Enhanced removal of phosphate from aqueous solutions using a modified sludge derived biochar: Comparative study of various modifying cations and RSM based optimization of pyrolysis parameters, *Journal of Environmental Management* 225 (2018) 75–83
59. Hekmatzadeh, A.A., Keshavarzi, H., Talebbeydokhti, N., and Torabi Haghighi, A., "Lattice Boltzmann solution of advection-dominated mass transport problem: a comparison," *Scientia Iranica*, under print
60. Asadi Vaighan, A. and Talebbeydokhti, N., "Assessing the impacts of climate and land use change on streamflow, water quality and suspended sediment in the Kor River Basin, Southwest of Iran, *Environ Earth Sci* (2017) 76:543
61. Asadi Vaighan, A. and Talebbeydokhti, N., Massah Bavani, A.R., and Whitehead, P., "Modeling Impacts of Climate and Land-use Change on Streamflow, Nitrate, and Ammonium in The Kow River, Southwest of Iran," *J. of water and Climate Change*, 2018
62. Sahraei, S., Alizadeh, M.R., Talebbeydokhti, N., and Dehghani, M., "Bed Material Load Estimation in Channels Using Machine Learning and Meta-Heuristic Methods," *J. of Hydroinformatics*, 2018
63. Zare, N. and Talebbeydokhti, N., "Policies and governance impact maps of floods on metropolitan Shiraz (the first step toward resilience modeling of the city)," *International Journal of Disaster Risk Reduction*, 28 (2018) 298–317
64. Pahlavanzadeh, S., Zoroufchi Benis, K., Shakerkhatibi, M., Karimi Jashni, A., Talebbeydokhti, N. and Alizadeh Kordkandi, S., "Performance and Kinetic Models of an Areated Submerged Fixed-Bed," *J. of Environmental Chemical Engineering* 6 (2018) 6154-6164
65. Hassanshahi, N., Karimi Jashni, A., and Talebbeydokhti, N., "The Role of Home Composting in waste Management Cost Reduction," *International Journal of Environmental and Ecological Engineering*, Vol. 12, No. 8, 2018
66. Khorshidi, H., Rakhshandehroo, G. R. and Talebbeydokhti, N. "Stochastic simulation of Advection-Diffusion equation considering uncertainty in input variables" *INTERNATIONAL JOURNAL OF MATHEMATICAL MODELS AND METHODS IN APPLIED SCIENCES*. Vol. 11. PP: 68-74. (2017)

67. Daneshvar, F., Rakhshandehroo, G. R. and Talebbeydokhti, N. "New modified gradient models for MPS method applied to free-surface flow simulations" *Journal of Applied Ocean Research* 66 (2017) 95-116.
68. Mesbahi, M., Talebbeydokhti, N., Hosseini, S. A. and Afzali, S. H. "wxternal validation criteria and uncertainty analysis of maximum scour depth at downstream of stiling basins based on EPR approaches" *Iran Journal of Science and Technology transactions of civil engineering* (2017).
69. Baghapour, M. A., Fadaei Nobandegani, A., Talebbeydokhti, N., Somayeh Bagherzadeh, Nadiri, A., Gharekhani, M. and Chitsazan, N. "Optimization of DRASTIC method by artificial neural network, nitrate vulnerability index, and composite DRASTIC models to assess groundwater vulnerability for unconfined aquifer of Shiraz Plain, Iran" *Journal of Environmental Health Science & Engineering* (2016) 14:13.
70. Mesbahi, M., Talebbeydokhti, N., Seyed-Abbas Hosseini, S. A. and • Seied Hosein Afzali, S. A. "External Validation Criteria and Uncertainty Analysis of Maximum Scour Depth at Downstream of Stilling Basins Based on EPR and MT Approaches" *Iranian journal of science and technology transactions of civil engineering* (2016).
71. Zarif Sanayei, H. R., Rakhshandehroo, G. R. and Talebbeydokhti, N. "New Analytical Solutions to 2-D Water Infiltration and Imbibition into Unsaturated Soils for Various Boundary and Initial Conditions" *Iranian journal of science and technology transactions of civil engineering* (2016).
72. Zarif Sanayei, H. R., Rakhshandehroo, G. R. and Talebbeydokhti, N. "Innovative Analytical Solutions to 1, 2 and 3D Water Infiltration into 2 Unsaturated Soils for Initial-Boundary Value Problems" *Scientia Iranica Journal* (2016).
73. Khorshidi, H., Talebbeydokhti, N. and Gholamreza Rakhshandehroo, G. R., "High-Order Perturbation Approach for Wave Transformation by Applying Advection-Diffusion Equation via Karhunen–Loeve Expansion" *ASCE-ASME Journal of Risk Uncertainty Engineering Systems, Part A: Civil Engineering* (2016).
74. Khorshidi, H., Talebbeydokhti, N. and Gholamreza Rakhshandehroo, G. R., "Uncertainty analysis of open channel flow: stochastic approach to Advection–Diffusion equation" *Scientia Iranica Journal* (2016).
75. Mesbahi, M., Talebbeydokhti, N., Hosseini, S. A., & Afzali (2016) "Gene-expression programming to predict the local scour depth at downstream of stilling basins," *Scientia Iranica, Transaction A: Civil Engineering* 23, no. 1: 102-113.
76. Nabatian, M., Amiri, M., Hashemi, M. R., & Talebbeydokhti, N. (2015) "Numerical Analysis of Flow over Weirs and Labyrinth Side Weirs," *Scientia Iranica, Transaction A: Civil Engineering* 22, no. 6: 1994-2000.
77. Zahraeifard, V., & Talebbeydokhti, N. (2015). Numerical simulation of turbulent flow over labyrinth spillways/weirs and corresponding discharge coefficient and efficiency. *Scientia Iranica. Transaction A, Civil Engineering*, 22(5), 1734.
78. Abrari, L., Talebbeydokhti, N., & Sahraei, S. (2015). Investigation of hydraulic performance of piano shaped weirs using three- dimensional numerical modeling. *Iranian Journal of Science and Technology Transactions of Civil Engineering*, 39, 539-557.
79. Sanayei, H. Z., Talebbeydokhti, N., & Moradkhani, H. (2015). 3D estimation of metal elements in sediments of the Caspian Sea with moving least square and radial basis function interpolation methods. *Scientia Iranica. Transaction A, Civil Engineering*, 22(5), 1661.
80. Sahraei, S., Andalani, S. Z., Zakermoshfegh, M., Sisakht, B. N., Talebbeydokhti, N., & Moradkhani, H. (2015). Daily discharge forecasting using least square support vector regression and regression tree. *Scientia Iranica. Transaction A, Civil Engineering*, 22(2), 410.
81. Sahraei, Sh., Zare Ardalan, Zakermoshfegh, Nikagbhal Sisakhat, B., Talebbeydokhti, N., and Moradkhani, H., "Daily discharge forecasting using least square support vector regression tree," *Scientia Iranica, Transaction A: Civil Engineering* 22, no. 2 (2015): 410-422.

82. Mahdavi, A. and Talebbeydokhti, N., (2015) "A hybrid solid boundary treatment algorithm for smoothed particle hydrodynamics," *Scientia Iranica, Transaction A: Civil Engineering* 22, no. 4, 1457-1469.
83. Ghadampour, Z., M. R. Hashemi, N. Talebbeydokhti, S. P. Neill, and A. H. Nikseresht. "Some numerical aspects of modelling flow around hydraulic structures using incompressible SPH." *Computers & Mathematics with Applications* 69, no. 12 (2015): 1470-1483.
84. Zare, B., M. Habibi, N. Talebbeydokhti, and Ayoub Karimi-Jashni. "Sludge Bulking Control by Chlorination in Shiraz Wastewater Treatment Plant." *GMP Review*, 18 (2015):259-265.
85. Hakmetzadeh, A.A., Karimi Jashni, A., Talebbeydokhti, N., and Clove, B., "Adsorption kinetics of nitrate ion on ion exchange resin...", *Desalination*, Vol. 326, 2013, PP 125-134.
86. Asadsangabi, F., N. Talebbeydokhti, and M. Rahnavard. "Two phase flow modeling in shaft spillways using volume of fluid (VOF) method." *Iranian Journal of Science and Technology. Transactions of Civil Engineering* 38, no. C1 (2014): 99.
87. Rajabpour, R. and Talebbeydokhti, N., " Simultaneous Layout and pipeSize Optimization of Pressurized Irrigation Networks," *Journal Agricultural Science and Review*, Vol.3(12) 131-145, 2014
88. Asadsangabi, F. and Talebbeydokhti, N., "Two phase flow modeling in shaft spillways using fluent," *Iranian Journal of Science and Technology transactions of Civil Engineering (IJSTC)*, Vol. 38, 2014, PP 99-109.
89. Talebbeydokhti, N., Amiri, H., Hashemi Shahraki, M., Azadi, S., and Ghanbari Ghahfarokhi, S., "Optimization of Solid waste Collection and Transportation System by Use of The TransCAD: A Case Study," *Arch Hyg SCi* 2013;2(4): 150-7
90. Fattahi, M.H., Talebbeydokhti, N., Moradkhani, H., and Nikoei, A., "Revealing the chaotic nature of river flow...", *IJSTC*, Vol. 37, 2013, PP 437-456.
91. Baghalani, A. and Talebbeydokhti, N., "Hydrodynamics of right-angled channel confluences by a 2 D numerical model," *IJSTC*, Vol. 37, 2013, PP 271-283.
92. Nikmanesh, M. R., and N. Talebbeydokhti. "Numerical simulation for predicting concentration profiles of cohesive sediments in surf zone." *Scientia Iranica* 20, no. 3 (2013): 454-465.
93. Amiri, S.M., Talebbeydokhti, N., Baghlani, A. "[A two-dimensional well-balanced numerical model for shallow water equations](#)," *Scientia Iranica*, Volume 20, Issue 1, February 2013, Pages 97-107
94. Ghadampour, Z., Talebbeydokhti, N., Hashemi, M.R., Nikseresht, A.H., Neill, S.P., "Numerical Simulation of Free Surface Mudflow Using Incompressible SPH," *Iranian Journal of Science and Technology, Transactions of Civil Engineering*, Vol. 37, No. C1, February 2013, pp 77-95.
95. Hasheminejad, H., Karimi Jashni, A., Talebbeydokhti, N., Monajemi, P., "Remediation of Petroleum Contaminated Groundwater Using Sawdust as an Adsorbent," *Iranian Journal of Science and Technology, Transactions of Civil Engineering*, Vol. 37, No. C1, February 2013, pp 127-141.
96. Nikseresht, A.H., Talebbeydokhti, N., Rezaei M.J., "[Numerical simulation of two-phase flow on step-pool spillways](#)," *Scientia Iranica*, Vol. 20, May 2013, pp 222-230.
97. Hamidi, M. E., M. R. Hashemi, N. Talebbeydokhti, and S. P. Neill. "Numerical modelling of the mild slope equation using localised differential quadrature method." *Ocean Engineering* 47 (2012): 88-103.
98. Hekmatzadeh, A. A., A. Karimi-Jashni, N. Talebbeydokhti, and B. Clove. "Adsorption kinetics of nitrate ions on ion exchange resin." *Desalination* 326, (2013): 125-134.
99. Nikseresht, A.H., Talebbeydokhti, N., and Khorshidi, H., "3-D Numerical Modeling of Cavitation and Aeration system in Dam Outlets," *Journal of Fluid Mechanics, ASME*, Vol. 134, 2012, PP 995-1001.

100. Hamidi, M.E., Hashemi, M.R., Talebbeydokhti, N., and Neill, S.P., " Numerical Modeling of the Mild Slope Equation using Localized Differential Quadrature Method," *Ocean Engineering*, Vol. 47 (2012), pp 88-103.
101. Mahdavi, A. and Talebbeydokhti, N., "Modeling of Non-Breaking and Breaking Solitary Wave Run-Up Using Shock-Capturing TVD-WAF Scheme," *KSCE Journal of Engineering*, Vol. 15, No. 6, 2011, PP 945-955 (ISI).
102. Nikmanesh, M. R., Talebbeydokhti, N., "Comparison of Wavelet Theory and Time Series Capabilities in Monthly Rainfall Modeling (Case Study: Saadat-Shahr & Rrsanjan in Fras Province," *Journal of Physical Geography*, Summer 2012;5(16):1-10
103. Hekmatzadeh, A. A., A. Karimi-Jashni, N. Talebbeydokhti, and B. Clove. "Modeling of nitrate removal for ion exchange resin in batch and fixed bed experiments." *Desalination* 284, no. 4 (2012): 22–31.
104. Hamidi, M. E., M. R. Hashemi, N. Talebbeydokhti, and S. P. Neill. "Numerical modelling of the mild slope equation using localised differential quadrature method." *Ocean Engineering* 47 (2012): 88–103.
105. Derakhshan, H. and Talebbeydokhti, N., "Support Domain Effects on Shape Parameter C in Mapping by Radial basis Functions (RBFs)," *Water Resources Research*, 2012, Vol. 7, No. 4.
106. Hakmetzadeh, A. A., Karimi Jashni, A., and Talebbeydokhti, N., "Modeling Nitrate Removal for Ion Exchange Resin in Batch and Fixed Bed experiments," *Journal of Desalination*, under publication, 2011 (ISI)
107. Fattahi, M., Talebbeydokhti, N., Rakhshandehroo, G.R., Shamsai, A., Nekoei, A., "Fractal assessment of wavelet based technique for improving the prediction of artificial neural network," *International journal of Food, Agriculture & Environment- JFAE*, Vol 8.(3 & 4) – 2010(ISI)
108. Fattahi, M., Talebbeydokhti, N., Rakhshandehroo, G.R., Shamsai, A., Nekoei, A., "The robust fractal analysis of time series: Concerning signal class and data length," *The Journal of Fractals, Complex Geometry, Patterns, and Scaling in Nature and Society*, World Scientific Publishing Company, Vol. 19, No. 1, 2011, PP 29-49(ISI)
109. Mardashti, A. and Talebbeydokhti, N., "Energy Loss Evaluation of of Stepped Spillway, *Journal of water Resources Research*, Vol. 3, No. 2, 2008
110. Baghlani, A., N. Talebbeydokhti, and M. J. Abedini. "A shock-capturing model based on flux-vector splitting method in boundary-fitted curvilinear coordinates." *Applied Mathematical Modelling* 32, no. 3 (2008): 249–266.
111. Baghlani, A.H, Talebbeydokhti, N., and Abedini, M. J., " A Shock Capturing Model Based on Flux-Vector Splitting Method in Boundary –Fitted Curivilinear Coordinates," *Journal of Applied Mathematical Modeling*, Elsevier under print, 2007(ISI)
112. Baghlani, A.H. and Talebbeydokhti, N., "A Mapping Technique for Numerical Computations of Bed Evolutions," *Journal of Applied Mathematical Modeling*, Elsevier, Science Direct, 31(2007) 499-512(ISI)
113. Nourani, V., Talebbeydokhti, N., Abedini, M.J., and Rakhshandehroo, G.R., "Suspended Sediment Load Estimation Using Geostatistics Case Study; Talkherood River, Tabriz, Iran *Water Resources Research Journal*, Vol.1, No. 2 , Summer 2005.
114. Papanicolaou, A. N. and N. Talebbeydokhti, " Discussion of Turbulent Open-Channel Flow in Circular Corrugated Culverts," by S.A. Ead, N. Rajaratnam, C. Katopodis, and F. Ade, *Journal of Hydraulic Engineering*, ASCE, May 2002, PP547-550(ISI)
115. Papanicolaou, A. N., A. Bdour, N. Evaggelopoulos, and N. Talebbeydokhti, " Watershed and Stream Corridor Impacts on the Fish Population in the South Fork of the Clearwater River, Idaho," *Journal of American Water Resources Association*, 2003, 39(1),PP. 191-203(ISI)

116. Maheri, M. R., N. Talebbeydokhti, and S. Ahadi, "Shape Optimization of Concrete Arch Dams Using Simple Genetic Algorithm," *Dam Engineering Journal*., Vol. XIV issue 2 August 2003 , pp 105-140(ISI)
117. A. N. Papanicolaou, N. Talebbeydokhti, and A. Schuyler, "The Evolution of Cluster Microforms in Gravel-Bed Streams," *Journal of Earth surface and Landform Processes*, Vol. 28, May 2003 (ISI)
118. Hekmatzadeh, A., Karimi Jashni, A., Talebbeydokhti, N., & Clove, B., "Adsorption kinetics of nitrate ions on ion exchange resin", *J. of Desalination*, Vol. 326 (2013), pp. 125-134.
119. Mahdavi, A., Hashemi, M.R. & Talebbeydokhti, N., "A localized differential quadrature model for moving boundary shallow water flows", *J. of Hydraulic Research*, Vol. 50 (2012), pp. 612-622.
120. Hekmatzadeh, A., Karimi Jashni, A., Talebbeydokhti, N. & Clove, B., "Modeling of nitrate removal for ion exchange resin in batch and fixed bed experiments", *J. of Desalination*, Vol. 284 (2012), pp. 22-31.
121. Fattahi, M.H., Talebbeydokhti, N., Rakhshandehroo G.R., Shamsaei, A. & Nikooei, E., "The robust fractal analysis of time series: Concerning signal class and data length", *J. of Fractals*, Vol. 19 (2011), pp. 29-49.
122. Fattahi, M.H., Talebbeydokhti, N., Rakhshandehroo, G.R., Shamsaei, A. & Nikooei, E. "The robust fractal analysis of time series: Concerning signal class and data length", *J. of Fractals Complex Geometry, Patterns, and Scaling in Nature and Society*, Vol. 18 (2010), pp. 1-21.
123. Mahdavi, A. & Talebbeydokhti, N., "Modeling of non-breaking and breaking solitary wave run-up using Force-Muscl scheme", *J. of Hydraulic Research*, Vol. 47 (2009), pp. 476-485.
124. Rakhshandehroo, G.R., Shaghaghian, M.R., Keshavarzi, A. & Talebbeydokhti, N., "Temporal variation of velocity components in a turbulent open channel flow: identification of fractal dimensions", *Applied Mathematical Modeling Journal*, Vol. 33 (2009), pp. 3815-3824.
125. Talebbeydokhti, N. and Abedini, M.J., "Ashock capturing model based on flux vector splitting method in boundary-fitted curvilinear coordinate", *Applied Mathematical Modeling*, Vol. 32 (2008), pp. 249-266.
126. Talebbeydokhti, N., "A mapping technique for numerical computation of bed evolution", *Applied Mathematical Modeling*, Vol. 31 (2007), pp. 499-512.
127. Talebbeydokhti, N., "The role of sediment specific gravity and availability on cluster evolution", *Earth Surface Processes and Landforms*, Vol. 28 (2003), pp. 69-86.
128. Derakhshan, H. and Talebbeydokhti, N. "Rainfall Disaggregation in Non-Recording Gauge Stations using Space-Time Information System," *Scientia Iranica, Transaction on Civil Engineering*, Vol. 18, Issue 5, Oct. 2011, PP 995-1001. (ISI)
129. Mahdavi, A. and Talebbeydokhti, N., "Modeling of non-breaking and breaking solitary wave run-up using FORCE-MUSCL scheme," *Journal of Hydraulic Research*, Vol. 47, No. 4 (2009), pp. 476-485, 2009 International Association of Hydraulic Engineering and Research(ISI)
130. Rakhshandehroo, G.R., Shaghaghian, M.R, Keshavarzi, A.R., and Talebbeydokhti, N., "Temporal variation of velocity components in a turbulent open channel flow: Identification of fractal dimensions," *Journal of Applied Mathematical Modeling*, 2009(ISI)
131. Hasheminajad, H., Karimi Jashni, A., Talebbeydokhti, N., and Monajemi, P., "Experimental study of effects of pH, Temperature, hydrogen peroxide on gasoline removal from contaminated water using granular activated carbon," *Journal of water & wastewater*, Vol. 20, No. 4, 2010
132. Amirian, P., Talebbeydokhti, N., and Nabizadeh, S., *Investigation of Industrial Hazardous Waste, A case Study of Fars Province, Iran*," *Journal of Science, Technology, Environment*, Vol. 9, No. 1, 2008(ISI)
133. Talebbeydokhti, N. and Afzali, E., *Wave induce Uplift Forces Acting on Half-Buried Submarine Pipeline in Sandy Seabed by Numerical Method*," *Iranian Journal of Science and Technology*, Vol. 32, No. B2, 2008(ISI)

134. Talebbeydokhti, N. and Hekmatzadeh, A.A., "Experimental Modeling of bed form (dune) in alluvial flood-channels," Iranian Journal of Science and Technology, Vol. 30, No. B4, 2006
135. Talebbeydokhti, N. and Asadi Aghbolaghi, M.. " Investigation of scour depth at bridge piers using bri-stars model," Iranian Journal of Science and Technology, Vol. 30, No. B4, 2006
136. Danehbod, Y. Talebbeydokhti, N. " Dam-Reservoir Seismic Analysis By the Eulerian Method," Iranian Journal of Science and Technology, Vol. 30, No. B4, 2006
137. Baghlani, A., and N. Talebbeydokhti. "A mapping technique for numerical computations of bed evolutions." Scientia Iranica 31, No. 3 (2007): 499–512.
138. Talebbeydokhti, N. and A. Naghshenah "Flushing Sediment through Reservoirs", Journal of Science and Technology, Transaction B: Vol. 28, No. B1, 2004.
139. Talebbeydokhti, N. and M. R. Nikmanesh, "Prediction of Sediment Transport in Littoral Zones," Iranian Journal of Science and Technology, Transaction B, Vol. 25, No. B4, PP 681-689(ISI)
140. Talebbeydokhti, N. and M. R. Ghotb, "Finite Element Modeling of Flows in Open-Channel Transitions," Iranian Journal of Science and Technology, Transaction B, Vol. 25, No. B4, PP 669-680(ISI)
141. Talebbeydokhti, N. and A. Solamani, "Investigation of Wave-Current Interaction by Finite Element Method", Iranian Journal of science and Technology, Vol. 24, No.1, transaction B., (ISI)
142. Talebbeydokhti, N. and A. Baghlani," Streambed Erosion Modeling and its solution by Finite Element Method," Scientia Iranica, 6(3-4), 1999, PP. 196-206. (ISI)
143. Talebbeydokhti, N. and S.A. Pishvai, "Dynamic Analysis of Submerged Pipelines by Finite Element Method", Iranian Journal of Science and Technology", Vol. 19, No.1, 1995. (ISI)
144. Talebbeydokhti, N. and P. C. Klingeman, "Incipient Motion of Cohesive Sediment under Current and Wave", Iranian Journal of Science and Technology", Vol., No., 1992. (ISI)
145. Talebbeydokhti, N. and K. Babaein, "Analysis of Seepage by Boundary Element through Dams", International Journal of Science and Technology, Vol. 1 and 2, winter 1990. (ISI)
146. Baghlani, A. & Talebbeydokhti, N., "Hydromechanics of right-angled channel confluences by a 2D numerical model", IJST, Transactions of Civil Engineering, Vol. 37 (2013), pp. 271-283.
147. Derakhshan, H. & Talebbeydokhti, N., "Rainfall Disaggregation in non-recording gauge stations using space-time information system" Scientia Iranica, Vol. 18 (2012), pp. 995-1001.
148. Talebbeydokhti, N., "Wave induced uplift forces acting on half-buried submarine pipeline in sandy seabed by numerical methods", Iranian Journal of Science and Technology, Vol. 32 (2008), pp. 141-151.
149. Talebbeydokhti, N., "Investigation of scour depth at bridge piers using BRI-STARs model", Iranian Journal of Science and Technology, Vol. 30 (2006), pp. 541-554.
150. Daneshbod, Y. & Talebbeydokhti N., "Dam-reservoir seismic analysis by the Eulerian method, Kawsar dam, a case study", Iranian Journal of Science and Technology, Vol. 30 (2006), pp. 43-53.
151. Talebbeydokhti, N., Hekmatzadeh, A. & Rakhshandehroo, G.R., "Experimental modeling of dune bed form in a sand bed channel", Iranian Journal of Science and Technology, Vol. 30 (2006), pp. 503-516.

(b) International not ISI journal:

1. Rajabpour, R., Talebbeydokhti, N., & Ahmadi, M. H. (2015). Using Jumping Particle Swarm Optimization for Optimal Operation of Pump in Water Distribution Networks. World Academy of Science, Engineering and Technology, International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering, 9(9), 1130-1134.

2. Talebbeydokhti, N., "Sustainable water Systems Environmental Flow, Challenges & Issues," Rosenberg International Forum on Water Policy, University of California, Irvine, Aug. 18-20, 2008.
3. Zeinali S, Talebbeadokhti N. "Coastal Morphodynamics and Long-term Morphological Modeling: A Review." Research Journal of Environmental and Earth Science 6 (2014):493-499.
4. Rajabpour, R. and Talebbeydokhti, N., "Simultaneous layout and pipe size optimization of pressurized irrigation networks," Basic Research Journal of Agricultural Science and Review, Vol. 3(12), 2014, PP131-145.
5. Forotan, F., Talebbeydokhti, N., and Taghizadeh, M.M., "Developing a monitoring system for non point pollution in Kor and Sivand Rivers," Journal of Middle East Applied Science and Technology, Vol. 17, 2014, PP 589-593.
6. Ghafari, A. and Talebbeydokhti, N., "Status of environmental education in various countries....," Elsevier- Social and Behavioural Sciences, Vol. 102, 2013, PP 591-600.
7. Talebbeydokhti, N., Amiri, H., Hashemi Shahraki, M., Azadi, S., and Ghanbari, S., "Optimization of solid waste collections and transportation systems by use of the TRAnsCAD: a case study," Journal of Arch. HYG. Sci., Vol.2, 2013, PP 150-157.
8. Ghaffari, S., and N. Talebbeydokhti. "Status of Environmental Engineering Education in Various Countries in Comparison with the Situation in Iran." Procedia - Social and Behavioral Sciences 102, no. 22 (2013): 591–600.
9. Ghadempour, Z., Hashemi, M.R., Talebbeydokhti, N., and Nikseresht, A.H., "Comparison of two projection methods in SPH for modeling of flow under a gate," Journal of Computational Methods in Engineering, 2013, Vol. 31, No. 2
10. Amirian, P., Talebbeydokhti, N., Jafarzadeh, and Nabizadeh, "Investigation of Hazardous Waste in Fars Provine, Iran," Journal of Science & Technology, 2007
11. Hekmatzadeh, A., Karimi Jashni, A. & Talebbeydokhti, N., "Mass transfer modeling of nitrate in an ion exchange selective resin", International Journal of Chemical and Environmental Engineering, Vol. 6 (2012), pp. 84-89.
12. Fattahi, M.H., Talebbeydokhti, N., Rakhshandehroo, G.R., Shamsaei, A. & Nikooei, E. "Fractal assessment of wavelet-based techniques for improving the predictions of the artificial neural network", International Journal of Food, Agriculture & Environment-JFAE, Vol. 9 (2011), pp. 719-724.
13. Talebbeydokhti, N., "Analyzing the status of hazardous waste in Fars province of Iran", World Applied Sciences Journal, Vol. 3 (2008), pp. 879-884.

(C) Iranian ISC journals:

1. Rouzagar, M., Talebbeydokhti, N., and Amiri, S.M., "Numerical Investigation of Location and Length of Hydraulic Jumps in Step Spillways," J. of Water resources Engineering, Winter 2018
2. Esmaili, R., Anvar, S.A., talebbeydokhti, N., and Zareian, F., " Seismic Safety Evaluation of Concrete Gravity Dams Based on Performance Criteria (Case Study of Hygher Dam), J. Civil Engineering, Amir Kabir University, Feb 2018
3. Minousepher, M., Alizadeh, M.R., and Talebbeydokhti, N., "Performance Assessment of Computational Intelligence Techniques in Solid Waste Generation Forecasting (Case Study), Journal of Civil and Environmental Engineering, Tabriz University, Volume 48 (2018), Issue 1 (Spring), 67-75
- 4.

5. Saaki, M. J., Talebbeydokhti, N., Vaseli, n. and Zand Parsa. S. "Investigation of long-throated flumes and deformation of broad-crested weirs to improve structural accuracy" Journal of Hydraulics, Summer 2016, Vol. 11, No. 2, PP 33-42 (Farsi).
6. Jam, M., Talebbeydokhti, N. and Mardashti, A. "Investigation of energy dissipation over block spillways and comparison with stepped spillways" " Journal of Hydraulics, Summer 2014, Vol. 9, No. 2, PP 1-10 (Farsi).
7. Minosepehr, M., Talebbeydokhti, N., Alizade, M. and Mohammadi, S. "Application of new RFID in urban waste water systems," Quarterly Construction Engineering Organization of Fars province, 94 (2014): 85-94.
8. Dabiri, S.S., Soufi, M., and Talebbeydokhti, N., "Investigation of effects of modified watershed dams on time of concentration," Journals of watershed management, Vol. 4, 2014, Pp 39-46.
9. Rajabpor, R, Talebbeydokhti, N. and Rakhshandero, G. "Development and application of JPSO algorithm in optimized operation of dam hydraulic structures." Journal of Water Resources Engineering, 47 (2014): 25-60.
10. Baghapour, Mohammad Ali, Nasser Talebbeydokhti, Hamidreza Tabatabaee, and Amir Fadaei Nobandegani. "Assessment of Groundwater Nitrate Pollution and Determination of Groundwater Protection Zones Using DRASTIC and Composite DRASTIC (CD) Models: The Case of Shiraz Unconfined Aquifer." Journal of health sciences and surveillance system 2, no. 2 (2014): 54-65.
11. Mahdavi, A. and Talebbeydokhti, N., "Application of WAF algorithm in numerical simulation of rolling waves," Journal of Ferdousi, Civil Engineering, Mashad University, Vol. 1, 2014, PP 43-58 (Farsi)
12. Saki, M.J., Vasali, N., and Talebbeydokhti, N., "Evaluation of hydraulic operation of flume with broad crested weir using WIN-FLUME software," Journal of Water Resources, Vol. 6, 2013, PP 89-99 (Farsi)
13. Dabiri, S. S., Soufi, M., and Talebbeydokhti, N., "Evaluation of operation of modified watershed dams for controlling sediment," Journal of Water Resources, Vol. 6, 2013, Pp 1-21.
14. Rahnavard, M., Rahnavard, M., Shoostari, M. M., Talebbeydokhti, N., "Simulation of Sediment Transport in Rivers; Case Study: Dez River," Water Engineering, 2012, Issue (12); 99-110.
15. Derakhshan, H. and Talebbeydokhti, N., "Radial Basis Function Interpolation and Investigation of its Impact on Rainfall Duration Mapping," Water & Wastewater Journal, VOL. 80, Winter 2012, PP 95-102.
16. Ghadempour, Z., Hashemi, M.R., Talebbeydokhti, N., and Nikseresht, A.H., "Numerical Modeling of Dam Break, Flow over Sharp Crested Weir and Simultaneous Operation of Gates and Weir using ISPH," Journal of Hydraulics, Spring 2012, Vol. 7, No. 1,
17. Mahdavi, A. and Talebbeydokhti, N., "Numerical Modeling of Shallow Water for Simulation of Long Wave Run-up," Journal of Sharif- Civil Engineering, Vol. 27, NO. 2, 2011, PP 107-115
18. Fattahi, M., Talebbeydokhti, N., Nekoei, A., "A Multifractal Outlook to the River Flow Time Series during flooding, A Case Study of Ghare-e-Aghaj River in fars province, Water Engineering, 2012, Vol. 12, No. 12
19. Savarian, A., Nikseresht, A. H. and Talebbeydokhti, N., "Numerical Simulation of Bed variation in Alluvial Channel with 180 Degree Bend," Journal of Hydraulics, Iranian Hydraulic Association, Vol. 4, No. 2, Summer 2009
20. Shaghagian, M.R. and Talebbeydokhti, N., "Investigation of Chaos in River Flow in Various Temporal Scales," Journal of Water Engineering, Vol 2, Spring 2009 (in Farsi)
21. Hakmatzadeh, A. A. and Talebbeydokhti, N., "Fractal Analysis of River Discharge Time Series: Case Study on Kor River," Journal of Hydraulics, Iranian Hydraulic Association, Vol. 4, No. 1, Spring 2009
22. Naderi Rad, I., Talebbeydokhti, N. And Nikseresht, A. H., "An Investigation of Energy Dissipation in Various Types of Stepped Spillways including Simple, Inclined Step and Steps with End Sills

- by Numerical Model,” Journal of Civil and Environmental Engineering, University of Tabriz, Vol. 39, No. 1, Spring 2009
23. Mahdavi, A. and Talebbeydokhti, N., "Simulation of Wave Run up by Using Mapping Technique to Computational Domain," Journal of Water Engineering, Vol. 1, winter 2008.
 24. Aminnadjad, B., Sanaei, M., Sabbagh Yazdi, S.R., and Talebbeydokhti, N., “Sedimentation and Erosion in spur dike on floodplain,” Journal of watershed science & engineering, , 2009
 25. Mahdavi, A. and Talebbeydokhti, N., “Numerical Modeling of Long Wave Run-Up Using the Computational Domain Mapping Approach,” Journal of Civil Engineering Islamic Azad University, Winter 2009; 1 (3): 43-50
 26. Motashemi, S.R., Karimi jashni, A., and Talebbeydokhti, N., Performance of Anaerobic Baffled Reactor (ABR) in Landfill Leachate Treatment, Water & Wastewater, Vol. 19, No. 66, 2008
 27. Mardashti, A., Talebbeydokhti, N., and Javan, M., “Energy Loss Evaluation of Two -Phase Over-Flow of Stepped Spillway with Downstream Scour Depth Method, Journal of Hydraulics, No. 4, Winter 2008
 28. Mahdavi, A. and Talebbeydokhti, N., “Numerical Analysis of Breaking Wave Impact on a Wall Using Pressure-Impulse Theory,” Iranian Water Research Journal, Vol. 1, No. 1, winter 2008.
 29. Naseri, M. and Talebbeydokhti, N., “Soft Computing Method in Estimation of Composite Cross Section in Open Channel Flow,” Journal of Hydraulics, No. 3, 2008
 30. Khorshidi, H., Talebbeydokhti, N., and Nickseresht, A.H., Numerical Modeling of Flow and Aeration System in Botton Outlet of Sefidrood Dam,” Journal of Civil Engineering, Azad University, Vol. 1, summer 2008.
 31. Talebbeydokhti, N. and Chamanchi, M., “Assessment of Sustainable Development and Environmental attributes in Building Industry,” Quarterly Journal of Iranian Organization for Engineering (Order of Building), Fars Center, Vol. 16, No. 55, winter 2008.
 32. Talebbeydokhti, N. and Chamanchi, M., “Investigation of Environmental Basis and Sustainable Development in Building Industry,” Gozaresh, Quarterly Journal of Iranian Organization for Engineering, Sp[ring 2009, Vol. 17, No. 56
 33. Kazami, A., Boustani, F. and Talebbeydokhti, N., “Architecture of Abanbars in Larestan Natural Environment,” Journal of Natural Geography, Vol. 11, 2011, PP 107-123
 34. Razani, R. and N. Talebbeydokhti, “Major Parameters in Locating Civil Engineering Centers of Excellence in Iran under Existing Conditions of Rapid Chaanges in Technology, Communication, and Information Technology(IT),” Iranian Journal of Engineering Education, Number 25, Vol. 7, Spring 2005.
 35. Talebbeydokhti, N. and M. R. Nikmanesh, “Development of a Computer Model to Estimate Rate of Sediment Transport in Coastal Areas,” Journal of Estaglal, Industrial University of Esfahan, Vol 20, No. 2. 2001.
 36. Talebbeydokhti, N. and A. Zanjani Nasab, “Investigation of Water Wave Diffraction on Fixed Vertical Structures and Development of Computer Program,” Journal of Estaglal, Industrial University of Esfahan, Vol 18, No. 2, 1999.
 37. Talebbeydokhti, N. and R. Vosogh Rohani, “Optimum Design of Sewer Network,” Journal of Estaglal, Industrial University of Esfahan, Vol 19, No. 1. 2000.
 38. Talebbeydokhti, N. and B. Hooshiari, “Investigation of priority of Research in Environment and sustainable Development in Iran, Sharif, Vol. 14, No. 1S, 1999(Farsi)
 39. Talebbeydokhti, N. and B. Hooshiari, “Environmental Impact Analysis of projects in Iran, “Rehyaft, 1998(Farsi).
 40. Talebbeydokhti, N. and M. Moein Taghavi, “Investigation and Application of Conventional Methods to Estimate Sedimentation in Doroodzan, Dez, Latian, Karaj, and Sefid Rood Dams.” Journal of Faculty of Engineering, VOL. 18, University of Tabriz, 1997.

41. Talebbeydokhti, N. and M. M. Taghavi, "Application of Hec2 and Hec6 Models to Doroodzan Reservoir Sediment in Iran, "Journal of Engineering, Vol. 1, Year 7, University of Mashad, 1995.

Proceedings papers:

1. Majid Niazkar, Nasser Talebbeydokhti, Seied Hosein Afzali: Implementation of grain and form roughness effects in a Modified version of Manning's equation. 11th International Congress on Civil Engineering, University of Tehran, Tehran, Iran; 05/2018
2. Majid Niazkar, Nasser Talebbeydokhti: Application of a hybrid algorithm to explicit estimation of bridge backwater. 1st International & 3rd National Conference & Exhibition on Sustainable Development in Road Construction Focusing on Environmental Protection, Shiraz, Iran; 12/2017
3. N. Talebbeydokhti, Shokoufeh Pourshahabi, Gholamreza Rakhshandehroo, Mohammad Reza Nikoo, Mehrab Amiri: Review of Reservoir Water Quality Monitoring and Modelling. 4th International Conference on Long-Term Behaviour and Environmentally Friendly Rehabilitation Technologies of Dams (LTBD 2017), IRIB International Conference Centre in Tehran; 10/2017
4. Banafshe Nematollahi, Majid Niazkar, Nasser Talebbeydokhti: Analytical Solution for Level Pool Routing Equation Based on Various Inflow Hydrographs. 4th International Conference on Long-term Behaviour and Environmentally Friendly Rehabilitation Technologies of Dams, Tehran, Iran; 10/2017
5. Majid Niazkar, Nasser Talebbeydokhti, Seied Hosein Afzali: Relationship between Hazen-William Coefficient and Colebrook-White Friction Factor: Application in Water Network Analysis. 10th World Congress on Water Resources and Environment "Panta Rhei", Athens, Greece; 07/2017
6. Hossein Khorshidi, G. Reza Rakhshandehroo, N. Talebbeydokhti: Stochastic Simulation of Advection-Diffusion Equation considering Uncertainty in Input Variables. The 39th Conference on Stochastic Processes and their Applications (SPA2017), Moscow, Russia; 06/2017
7. Majid Niazkar, Nasser Talebbeydokhti: Challenges and recommendations for improving engineering education in Iran. Water and Environment in the New Millennium Education and Capacity Building, University of Tehran, Iran; 12/2016
8. Hossein Khorshidi, N. Talebbeydokhti, G. Reza Rakhshandehroo: Uncertainty Analysis of Open Channel Flow: Stochastic Approach to Advection-Diffusion Equation. International Conf. of Civil and Environmental Engineering (ICOCEE-2015), Cappadocia, Turkey; 05/2015
9. Savarian, A., Talebbeydokhti, N. and Nikseresht, A.H. "Numerical simulation of sediment transport in river meanders and estimation of bed deformations," 33rd IAHE Congress: Water Engineering for a Sustainable Environment, august, 2009, Vancouver, Canada
10. Talebbeydokhti, N., Karimi Jashni, A., and Azadi, S., "The use of artificial neural networks and multiple linear regression to predict per capita of solid waste generation in Fars Province, Iran," The Twenty-Seventh International Conference on Solid waste Technology and Management, Philadelphia, USA, march 11-14, 2012
11. Ebrahimi, R. and Talebbeydokhti, N., "Role of education in solid waste management," The Twenty-Seventh International Conference on Solid waste Technology and Management, Philadelphia, USA, march 11-14, 2012

12. Haghighat Esfahani, A., Karimi Jashni, A., Talebbeydokhti, N. and Omidvar, F., "Determination of density at the beginning and during conveyance of waste water of west Fars Pvince," 3th international conference on Environmental management, 2013.
13. Zeinali, S., Talebbeydokhti, N., Mojarad, M. and Tavakol, S. "Long-term morphological modeling of Chabahar Gulf." 10th international congress on Civil Engineering, Tabriz, 2014.
14. Mirlohi Javabadi, S., Hoseini, H., Mirlohi Javabadi, S. and Talebbeydokhti, N., "Dam reservoir operation using fuzzy function." 10th international congress on Civil Engineering, Tabriz, 2014.
15. Mohammadi, S., Minosepher, M. and Talebbeydokhti, N., "Capacity and location of polling centers in the province for processing and recycling of waste." 10th international congress on Civil Engineering, Tabriz, 2014.
16. Abolghaseminejad Shirazi, E., Talebbeydokhti, N. and Nikoo, M., "Optimizing the culture of virtual water approach: the use of methods of social choice." 3th International Symposium on Environmental and Water Resources Engineering, 2014.
17. Kharazmi, M., Entezari, S. and Talebbeydokhti, N., "Optimization parameters on vermicompost production as alternative sewage sludge stabilization systems." 1th International Congress on Environmental Engineering, 2014.
18. Forotan, F., Talebbeydokhti, N. and Taghizade, M., "Develop a monitoring system for non-point sources of groundwater pollution, the use of software basins case study (Sivand River to connect with the deaf in Fars Province)." 2th National Conference on the Environment, Energy and Biological Defense, 2014.
19. Talebbeydokhti, N., Keshavarzi Shirazi, H., Minousepher, M., and Amiri, H., "Construction and demolition management in cities of Fars Province," The Twenty-Seventh International Conference on Solid waste Technology and Management, Philadelphia, USA, march 11-14, 2012
20. Talebbeydokhti, N., Karimi Jashni, A., and Amiri, H., "Optimization of municipal solid waste collection routing using Arc-Gis: a case Jahrom, Fars, Iran," The Twenty-Seventh International Conference on Solid waste Technology and Management, Philadelphia, USA, march 11-14, 2012
21. Talebbeydokhti, N., Amiri, H., Minousepher, M., and Karimi Jashni, A. "Optimization of solid waste collection and transportation system by use of the transcad software: the case of Sadar, Fars, Iran," The Twenty-Seventh International Conference on Solid waste Technology and Management, Philadelphia, USA, march 11-14, 2012
22. Mahdavi, A. and Talebbeydokhti, N., "Numerical Modeling of waves resulted from dam break using non-linear shallow water equations," 10th Iranian Hydraulics Conference, Gilan, Iran, 2011
23. Vaazipour, H.A., Talebbeydokhti, N., and Azhdari Moghadem, M., "One dimensional simulation of building a dam on river morphological changes, a case of Sistan River," 10th Iranian Hydraulics Conference, Gilan, Iran, 2011
24. Shahabi, M., Talebbeydokhti, N., Dehghan, A.A., Telvari, A, and Rakhshandehroo, G.R., "Experimental investigation of the effect of flow contraction on scour hole downstream of weir and gate combined structure," Proceedings of 6th National Congress on Civil Engineering, Semnan, May 2011
25. Sobat, M., Hashemi, M.R., and Talebbeydokhti, N., "Simple method for computing secondary flow field in circulating flow, river bends and marine environment," Proceedings of 6th National Congress on Civil Engineering, Semnan, May 2011
26. Ghadempour, Z. and Talebbeydokhti, N., "Computation of fractal dimension in meander rivers by box counting method," Proceedings of 6th National Congress on Civil Engineering, Semnan, May 2011
27. Rezaei, M.J. and Talebbeydokhti, N., "Numerical Modeling and investigation of the effects of scale in two-phase flow in various stepped spillways," Proceedings of 6th National Congress on Civil Engineering, Semnan, May 2011

28. Ghalembor, F., Talebbeydokhti, N., and Nickseresht, A.H., "Simulation of two-phase flow in ski jump energy dissipaters," 4th Water Resources management Conference, Tehran, May 2011
29. Shahabi, M., Talebbeydokhti, N., Dehghan, A.A., Telvari, A, and Rakhshandehroo, G.R., "Investigation of the effect of water depth of weir on scour hole downstream of weir and gate combined structure," Fourth Conference on Water Resources of Iran, Tehran, 2011
30. Shahabi, M., Talebbeydokhti, N., Dehghan, A.A., Telvari, A, and Rakhshandehroo, G.R., "Determination of discharge coefficient in radial gate for free and submerged flow," First National Conference on Applied Research in Water Resources of Iran in Kerman, 2011
31. Kharazmi, M. and Talebbeydokhti, N., "Investigation of solid changes in continuous flow vermicompost-compost reactor on wastewater sludge with and without other organic wastes," International Conference of Water and Wastewater, Tehran, 2011
32. Ghaffari, S. and Talebbeydokhti, N., "Investigation transportation routes for urban solid waste," 5th Conference on Environmental Engineering, Tehran, 2011.
33. Ghanbarzadeh, P., Nowshadi, M., and Talebbeydokhti, N., "Study of the effects of Nano-silver in water treatment," International Conference of Water and Wastewater, Tehran, 2011.
34. Ghizat, A., Rakhshandehroo, G.R., and Talebbeydokhti, N., "Optimization of water withdrawal from aquifer prone to salt water intrusion, a case study of land area around Sistan lake," 5th Conference of Environmental Engineering, Tehran, 2011.
35. Shahabi, M., Talebbeydokhti, N., Dehghan, A.A., Telvari, A, and Rakhshandehroo, G.R., "Experimental investigation of the effect of contraction on scouring in downstream of combined flow over weirs and below gates," 5th SASTech 2011, Khavaran Higher Education Institute, Mashad, Iran, May 12-14, 2011
36. Kamalzadeh M, Talebbeadokhti N "Assessing the Combined Effects of Climate Change and Pollutant Sources" The earth living skin (2014)
37. Talebbeadokhti N, Nikooyi , Kazemi M, Ghasem H "Biological Stabilization of the Fine-Grained Soils Using Microalgae: Evaluation of " U.S.-IRAN SYMPOSIUM ON AIR POLLUTION IN MEGACITIES (2013)
38. Tabesh N, Talebbeadokhti N "Investigation of Textile Wastewater Treatment, Using a System of Subsurface Constructed wetland " 2nd International Conference science for the environment (2013)
39. Tabesh N, Talebbeadokhti N, Hasheminajad H "Investigation of COD Removal from textile Wastewater Using a System of Constructed Wetland " 1st International Conference on Environmental Crisis and its Solutions (2013)
40. Mahmoudian-Boroujerd L, Talebbeadokhti N "Assessment of river management on eco-hydrological conditions in the Neka river, Iran " 1st International conference on Environmental Crisis and its Solutions (2013)
41. Esmaili R, Anvar S, Talebbeadokhti N, Zareian F "Seismic Safety Evaluation of Concrete Gravity Dams Based on Performance Criteria (A Case Study of Hygher Dam) " International Symposium on Dams for a Changing World (2012)
42. Dabiri, Soofi, Talebbeadokhti N "DETERMINING THE CAUSE OF SUCCES AND/OR FAILURE OF CHECK DAMS (CASE STUDY: TAVILEH-BAND WATERSHED, EQLID CITY, SOUTHWEST OF IRAN) " INTERNATIONAL CONFERENCE ON "LAND CONSERVATION" – LANDCON 1209 (2012)
43. Amiri S, Mahdavi A, Talebbeadokhti N, "A First-Order Centered Adams-Moulton Shock Capturing Model for Shallow Water Flows " 9th International Congress on Civil Engineering (2012)
44. Hosseini H, HATAF N, Talebbeadokhti N "CFD MODELING OF GEOMAT PROTECTED ABUTMENTS " 5th Asian Regional Conf. on geosynthetics (2012)

45. Esmaili R, Anvar S, Talebbeadokhti N, Zareian R "Seismic Performance Evaluation of Concrete Gravity Dams - A Case Study of Pine Flat Dam " 15th World Conference on Earthquake Engineering (2012)
46. Esmaili R, Anvar S, Talebbeadokhti N, Zareian F " Sensitivity of Numerical Seismic Response of Concrete Gravity Dams to Mesh-Size and Foundation Rock Stiffness " 9th International Congress on Civil Engineering (2012)
47. Shahabi , Talebbeadokhti N, A A D, Telvari , Rakhshanderoo G "Experimental Investigation of The Effect of Apron Length on Scouring in " EGU General Assembly (2011)
48. Hekmatzadeh A, Karimi Jashni A, Talebbeadokhti N "The Estimation of Nitrate breakthrough curve " 7thInternational Chemical Engineering Congress& Exhibition (2011)
49. Kazemi, A., Boustani, F., and Talebbeydokhti, N., "Identification of abanbar as a source of water resources in Larestan Region, Fars province," Second National Conference on Applied Research in Water Resources of Iran, Zanzan, May 2011
50. Ghafari, S. and Talebbeydokhti, N., "Investigation of environmental engineering education state in various countries and in comparison, with Iran," Second Engineering Education Conference with Emphasis to future," Iran Academy of Sciences, Esfahan, Nov. 2011
51. Minoosepher, M., Karimi Jashni, and Talebbeydokhti, N., "Investigation of existing management of urban and rural solid waste in Fars Province," 5th Conference of Environmental Engineering, Tehran, 2011.
52. Karimi Jashni, A., Hashemi Najad, H., and Talebbeydokhti, N., "Using cheap adsorbent for treatment of contaminated water with petroleum," International Conference on Water & Wastewater Treatment, University of Isfahan, April 2010
53. Mahmoudian, L. and Talebbeydokhti, N., "Investigation of in-stream (environmental flow) of Neka River in various operational scenarios," 4th Conference of Environmental Engineering, Tehran, 2010.
54. Talebbeydokhti, N., Karimi Jashni, A., and Kharazmi, M., "Classification and management of hospital waste in Fars Province," 4th Conference on Environment, Tehran, 2010
55. Talebbeydokhti, N., Karimi Jashni, A., and Kharazmi, M., "Classification and management of electrical and electronic waste in Shiraz, Iran," 4th Conference on Environment, Tehran, 2010
56. Vaezpour, H. A., Azhderi Moghadem, and Talebbeydokhti, N. "Investigation of morphological changes in Sistan River," Second Conference of Integrated Water management, Kerman, 2010
57. Hamidi, S.M.E., Hashemi, S.M.R., and Talebbeydokhti, N., "Modeling the combined wave diffraction and refraction by numerical solution of mild slope equation using quadrature differential method," 9th Hydraulic Conference, Tehran, 2010
58. Rasti, M., Talebbeydokhti, N., Nowshadi, M., and Ghafari, S., "Investigation of sources and consumption estimation of water needs in future for Lar city," First National Conference of Health, Environment and Sustainable Development, Bander Abbas, 2010
59. Ghadempour, Z. and Talebbeydokhti, N., "Fractal based method of changes in assessment indices for meandering rivers," National Conference of Civil Engineering and Sustainable Development, Estahban, Fars, 2010.
60. Bazyari, A., Talebbeydokhti, N., and Khaksabz, Z., "Integrated management of Parishan Wetland for renovation and stabilization with emphasis to ecosystem," Second National Conference of Iran Wetlands, Tehran, 2010.
61. Rasti, M., Talebbeydokhti, N., Nowshadi, M., and Ghaffari, S., "Investigation of Lar abanbars," National Conference of Health, Environment, and Sustainable Development, 2010.
62. Bazyari, A., Talebbeydokhti, N., and Khaksabz, Z., "Investigation of effects of water crisis in Sustainable Development," National Conference of Civil Engineering and Sustainable Development, Estahban, Fars, 2010

63. Talebbeydokhti, N., Karimi Jashni, A., and Kharazmi, M., "Classification and management of electric waste," 4th conference of Environmental Engineering, Tehran, 2010
64. Ghalambor, F., Talebbeydokhti, N., and Nikseresht, A.H., " Numerical investigation of hydraodynamic pressure distribution in flip buckets," First Regional Conference of Civil Engineering, Iran, 2010
65. Kharazmi, M. and Talebbeydokhti, N., " Vermi-compost, is a solution for sustainable agriculture in rural areas," National Conference of Human, Environment, and Sustainable Development, 2010.
66. Nazeri, F. , Talebbeydokhti, N. and Borghei, S.M. , "Effects of plunge pool dimensions on dynamic pressures due to jet impacts by numerical simulation," 33rd IAHE Congress: Water Engineering for a Sustainable Environmental, august, 2009, Vancouver, Canada
67. Mahdavi, A. and Talebbeydokhti, N. "A shock-Capturing TVD-WAF finite volume model for solitary wave run-up," 33rd IAHE Congress: Water Engineering for a Sustainable Environmental, august, 2009, Vancouver, Canada
68. Zarif Sanaei, H.R., Hatef, N., and Talebbeydokhti, N., "Numerical analyses of immersed tunnels behaviour under earthquake loads," 8th Iranian Tunnelling Conference, May 2009, Tehran, Iran.
69. Talebbeydokhti, N., Nickseresht, A.H. and Khorshidi, H. "Cavitation index variation in bottom outlet number 3 in Sefid Rud Dam in aerated and non-aerated situations by Fluent," 8th International Congress on Civil Engineering, May11-13, 2009, Shiraz, Iran
70. Saadat, S. and Talebbeydokhti, N. "Suspended sediment load simulation for Delaware River using ANNs and sediment rating curves,"8th International Congress on Civil Engineering, May 11-13, 2009, Shiraz, Iran.
71. Zarif Sanayei, H.R., Talebbeydokhti, N. and Hataf, N. "Three-Dimensional Simulation of submerged tunnel for seismic analyses," 8th International Congress on Civil Engineering, May11-13, 2009, Shiraz, Iran
72. Nickmanesh, M. R. and Talebbeydokhti, N., "Investigation of turbulent flow parameters in vicinity of vegetation cover in bed," 8th International Conference of River Engineering, Ahwaz, Iran, 2009
73. Mahdavi, A. and Talebbeydokhti, N. "Shock capturing numerical model for run-up analysis in long wave, " 8th International Congress on Civil Engineering, May11-13, 2009, Shiraz, Iran
74. Shakariz, M., Talebbeydokhti, N., and Shakariz, P., "A method for Simultaneous estimation of Optimum routes for MSW and Optimum of site selection for transfer station of Solid waste," Second International Symposium of Environmental Engineering, Tehran, 2009.
75. Rezaei, M.J., Nikseresht, A.H., Talebbeydokhti, N., and Mardashti, A., "Numerical simulation of two-phase flow on Stepped spillways for assessing potential occurrence of cavitation," Second National Conference of Dam Engineering, Tehran, 2009.
76. Rezaei, M.J., Nikseresht, and Talebbeydokhti, N., "Numerical simulation of two-phase flow over stepped spillways," 8th conference of Hydraulics, Iran, 2009.
77. Namdari, T. and Talebbeydokhti, N., "Calibration of Analytical Hydraulic Modeling of Water Gem using Genetic Algorithm, a case study of Farashband, Fars," Third National water and Wastewater Conference with emphasis to operation, 2009
78. Hashemi Nejad, H.,Karimi Jashni, A.,Talebbeydokhti, N. and Monadjemi, P. "Treatment of polluted water by petroleum products by use of soil with high content organic matter(peat), " 8th International Congress on Civil Engineering, May11-13, 2009, Shiraz, Iran
79. Talebbeydokhti, N., Habibaghehei, G., and Amiri, S. M., "A Numerical Model of Flow for Evaluating face Slab Deformation in CFRD," Proceedings of Third International Conference on Modeling, Simulation, and Applied Optimization, Sharjah, U.A.E., January 20-22, 2009.
80. Savarian, A., Nickserasht, A.H., and Talebbeydokhti, N., "Numerical Simulation of River Bed Evolution in 180 Degree Alluvial Channel Bend," Proceedings of Third International Conference on Modeling, Simulation, and Applied Optimization, Sharjah, U.A.E., January 20-22, 2009.

81. Khorshidi, H., Nickserasht, A.H., and Talebbeydokhti, N., "Investigation of Cavitation in Bottom Outlet of Sefidrood Dam by using FVM," Proceedings of Third International Conference on Modeling, Simulation, and Applied Optimization, Sharjah, U.A.E., January 20-22, 2009.
82. Elhami, A. and Talebbeydokhti, N., "Investigation of flow regimes in rectangular settling tanks with use of Magnesium Permanganate," Second International Symposium of Environmental Engineering, Tehran, 2009
83. Elhami, A., Talebbeydokhti, N., and Rakhshnادهroo, G.R., "Investigation of flow regime and settling efficiency in rectangular settling tanks with and without sloping plates," Second International Symposium of Environmental Engineering, Tehran, 2009
84. Nowshadi, M., Talebbeydokhti, N., and Yousefi, M., "Investigation and measurement of ground water quality of Nour Abad Mamasani Plain, Fars, Iran," 12th National Conference of Environmental Health, 2009.
85. Daneshbod, Y. and Talebbeydokhti, N., " Simulation of flow over spillway of Sivand Dam by Fluent software," 8th Conference of Hydraulics, Iran, 2009
86. Derakhshan, H., Abedini. M.J., and Talebbeydokhti, N., "Rainfall disaggregation by use of fractal idea," 5th Conference of Watershed management, Iran, 2009
87. Talebbeydokhti, N., Nickmanash, M.R., and Amiri, S.M., "Forecasting Sediment Transport in Reach of Khoshk River by application of Artificial Neural Network," Proceedings of 7th Conference on Hydraulics, Iranian Hydraulic Society, Tehran, November 11-13, 2008.
88. Hakmetzadeh, A.A., Talebbeydokhti, N., " Faractal Analysis of Time Series of River Flow, A case Study of Kor River, Iran," Proceedings of 7th Conference on Hydraulics, Iranian Hydraulic Society, Tehran, November 11-13, 2008.
89. Mahdavi, A. and Talebbeydokhti, N., "Numerical Modeling of Long Wave Runup bu Using Shallow Water Non-Linear Equations," Proceedings of 7th Conference on Hydraulics, Iranian Hydraulic Society, Tehran, November 11-13, 2008.
90. Namdari, T. and Talebbeydokhti, N., "Investigation of Challenges in regards to Water Hammer in Water Distribution Pipelines, A Case Study of Lamard Pipeline in Fars Province," Proceedings of 7th Conference on Hydraulics, Iranian Hydraulic Society, Tehran, November 11-13, 2008.
91. Naderirad, I. and Talebbeydokhti, N., " Numerical investigation of effective parameters on energy dissipation of stepped spillways," Thrid conference of water Resources, Iran, 2008
92. Nikohei, A., Heidari, M., Talebbeydokhti, N., and Hakmetzadeh, A.A., Geometric Faractal in River Engineering, Ideas, Basic Concepts and Accomplishments," Fourth National Congress on Civil Engineering, Tehran University, May 2008.
93. Mahdavi, A. and Talebbeydokhti, N., "Analytical Analysis of Flow form Impact of Wave to Joints inside of Wall by Impulsive Pressure Theory," Fourth National Congress on Civil Engineering, Tehran University, May 2008.
94. Karimi Jashni, A., Talebbeydokhti, N. And Abdolmaleki, A., "Site Selection for Hazardous Waste Landfilling By GIS in Fars Province," Fourth National Congress on Civil Engineering, Tehran University, May 2008.
95. Khorshidi, H., Talebbeydokhti, N., and Nickseresht, A.H., "Investigation of Cavitation in Bottom Outlet of Sefidrood Dam by Fluent," Fourth National Congress on Civil Engineering, Tehran University, May 2008.
96. Talebbeydokhti, N. and Banihashemi. B., "Environmental Flow," Proceedings of Second Technical Conference and Exhibition on Environmental Engineering, Tehran University, May 2008.
97. Talebbeydokhti, N. and Abdolmaleki, A., "Site Selection Criteria and Environmental Assessment of Hazardous Waste Landfilling," Proceedings of Second Technical Conference and Exhibition on Environmental Engineering, Tehran University, May 2008.

98. Karimi Jashni, A., Talebbeydokhti, N., and Abdolmaleki, A., "Site Selection of Hazardous Waste in Fars Province by Superimposing Data layers in GIS," Proceedings of Second Technical Conference and Exhibition on Environmental Engineering, Tehran University, May 2008.
99. Ahani, H., Talebbeydokhti, N., Ghorbani, A., and Kharad, M., "Assessment of land use changes and its effects on runoff, a case study of Tang e Sorkh in Shiraz," Thrid Water Resources Conference, 2008.
100. Talebbeydokhti, N. and Zahraeefard, V., "Numerical Turbulent Simulation of Labyrinth Spillway & Corresponding Discharge Coefficient," 5th International Conference on Dam, Lisbon, Portugal, 14-16 Feb., 2007.
101. Talebbeydokhti, N. and Kheradmand, S., "Biogas Potential in Shiraz landfill," The 22nd International Conference on Solid waste Technology & Management (ICSW 2007), Philadelphia, PA, USA, March 18-21, 2007.
102. Talebbeydokhti, N. and Zahraeefard, S., "Investigation of flow pattern over labyrinth spillways and determination of discharge coefficient," Thrid National Congress of Civil Engineering, Iran, 2007
103. Karimi Jashni, A., Pourkarimi, A., and Talebbeydokhti, N., "Identification of pollution sources of Ghareh Aghaj River," Thrid Congres of Civil Engineering, Iran, 2007
104. Sokoot, M., Nowshadi, M., Javan, M., and Talebbeydokhti, N., "Determination and simulation of thermal stratification in Doroodzan Reservoir Dam by Q5HEC model," 6th Hydraulic Conference of Iran, 2007
105. Mahdavi, A. and Talebbeydokhti, N., " Numerical analysis of wave impact to walls using impulse pressure theory," 6th Conference of Hydraulics, Iran, 2007
106. Hakkak Khadem, S. and Talebbeydokhti, N., " Investigation of effects of mechanical and hydraulic interaction of stone on pressurized water tunnels by numerical method," 6th Hydraulics Conference, Iran, 2007
107. Talebbeydokhti, N. and Mehravaran, F., "Environmental Impact Assessment on Quantity and Quality of Qanat System for Urban & Rural Water Use," Proceeding of Euro-Arab Conference 27-29 November. 2006, Kuwait.
108. Talebbeydokhti, N., Fattahi, M.H. and Shamsai, A., "Analytical and comparative study on Karst, a case study of Salman Farsi Dam," Proceedings of Icold Conference, summer 2006, Spain.
109. Ghadampour, Z., Talebbeydokhti, N., and Mirbagheri, A., "Dam Break and Flood zoning for Tange Sorkh Dam in Shiraz," Proceedings of Seventh Congress on Civil Engineering, Tarbiat Modarras, Tehran, May 2006.
110. Naderi Rad, A. and Talebbeydokhti, N. "Investigation of effective parameters on Design of stepped spillways," Proceedings of Seventh Congress on Civil Engineering, Tarbiat Modarras, Tehran, May 2006.
111. Talebbeydokhti, N., Abedini, M.J., and Shaghaghian, M.R., "Investigation of chaos in river flow in various time scales," 7th International River Engineering Conference, Ahwaz, Iran, 2006.
112. Savarian, A., Khorshidi, H., and Talebbeydokhti, N., " Investigation of meandering development and braided forms hypotheses," First water Regional Conference, Iran, 2006
113. Talebbeydokhti, N. and Asadi Aghbolaghi, M., " Investigation and control of flow with submerged matters," 7th International River Engineering Conference, Ahwaz, Iran, 2006
114. Khoshfetrat, A., Talebbeydokhti, N., and Rakhshandahroo, Gh. R., "Measurement of Average busting period in River systems," Proceedings of Seventh Congress on Civil Engineering, Tarbiat Modarras, Tehran, May 2006.
115. Talebbeydokhti, N. and Khoshfetrat, A., " Wavelet method and its application in river engineering," 7th International Conference of River Engineering, Ahwaz, Iran, 2006

116. Amirian, P., Talebbeydokhti, N., Jafarzadeh, and nabizadeh," Identification, classification, and data bank for hazardous waste in Fars Province," Proceedings of Seventh Congress on Engineering, Tarbiat Modarras, Tehran, May 2006.
117. Pourkarimi, A., Karimi jashni, A., and Talebbeydokhti, N., " Investigation of Ghare Aghaj River water quality changes with use of K2QUAL," 7th International Conference of River Engineering, Ahwaz, Iran, 2006
118. Talebbeydokhti, N., Saddagh, M.H., and Mehraveran, F., "Investigation of Shiraz Qanat for greenery irrigation," International Conference on Qanat, November 2005, Kerman
119. Talebbeydokhti, N., Mehraveran, F., and Saddagh, M.H., "Investigation of Qanat system for land drainage, a case study of Shiraz," International Conference on Qanat, November 2005, Kerman
120. Talebbeydokhti, N. and Namdari, T., 2005, "Flood Management based on Risk Analysis, a case study of Kor River," 5th Hydraulic Conf. November 2005, Kerman, Iran.
121. Hasheminajad, H. and Talebbeydokhti, N., 2005, "Investigation of River Sediment Pollution and its solutions," 5th Hydraulic Conf. November 2005, Kerman, Iran.
122. Fattahi, M. H., N. Talebbeydokhti, and A. Shamsaei, 2005, "Investigation of Karst Problems in Salman Farsi Dam and applying double porosity numerical model to calculate seepage," 5th Hydraulic Conf. November 2005, Kerman, Iran.
123. Talebbeydokhti, N. G. R. Rakhshandehroo, and A. Baghlani, 'conformal mapping Method for numerical computation in changes in form resistance in Canal, Second National Civil Engineering Congress, May 10-12, 2005, Tehran.
124. Talebbeydokhti, N., A. Shamsai, and M. H. Fattahi, "Application of Double Continuum Porosity Equivalent method to Investigate the Karst Problem of Salman Farsi Dam in Iran," First Ain Shams University International Conference on Environmental Engineering, April 9-11 2005, Egypt.
125. Talebbeydokhti, N. and A. R. Salehi, "Environmental impact assessment (EIA) of Shiraz landfill," Proceedings of the twentieth International Conference on solid waste technology and management, Widener University, Philadelphia, PA, USA, April 3-6, 2005.
126. Talebbeydokhti, N. and A. A. Hakmatzadeh, "Investigation of form roughness due to dune in alluvial flood channels and rivers," Proceedings of IMEC2004, December 5-8, 2004, Kuwait.
127. Rakhshandehroo, G., N. Talebbeydokhti, and M. H. Baghlani, "One method of mapping technique for numerical calculation in form roughness in open channel," Proceedings of second national Congress on civil engineering, may9-12, 2005, Tehran, Iran
128. Vaghafi, M. and N. Talebbeydokhti, "Environmental assessment of sediment flushing in Sefid rood Dam in Iran," Proceedings of first national conference on methods to enhance environmental culture, July 2004, Tehran, Iran.
129. Parvinnia, M. and N. Talebbeydokhti, "Development of environmental awareness and its role in integrated management of watersheds in Fars Provine," Proceedings of first national conference on methods to enhance environmental culture, July 2004, Tehran, Iran
130. Talebbeydokhti, N., M. H. Nassermoadelli, and M. H. Saddagh, "Hydroinformatic and its application in water projects, the case study of Koshk River in Shiraz," Proceedings of first national congress of civil engineering, May 11-13, 2004 Tehran, Iran.
131. 14. Hederian A., Salehi. And N. Talebbeydokhti, "Use of VOF method in determining the free surface interface in two phase turbulent flow," Proceedings of first national congress of Civil Engineering, May 11-13, 2004 Tehran, Iran.
132. Talebbeydokhti, N. and M. Asadi Aghbolaghi, "Investigation of scour around bridge piers using BRI_STARS in Iran," EWRI 2004 Conference, Salt Lake City, USA.
133. Talebbeydokhti, N. and A. A. Hakmetzadeh, "Investigation of form resistance in Alluvial Flood Channels," 5th ECOHYDRAULICS Symposium, Madrid 2004.

134. Talebbeydokhti, N. and M.H. Fattahi, " 'Karst problems and treatments in dams & reservoirs-A case study of Salman Farsi dam in Iran' 4th International Conference on DAM ENGINEERING, 18 OCTOBER - 20 OCTOBER 2004, China
135. Talebbeydokhti, N. and N. Moaddali, " Hydroinformatic and its application in study of water projects in Khoshk River in Shiraz," First National Congress on Civil Engineering, May 2004, Tehran, Iran
136. Heideri, M., A. Sahlahi, and N. Talebbeydokhti, "Use of VOF method in determining the interface of two- phase turbulent flow," First National Congress on Civil Engineering, May 2004, Tehran, Iran
137. Hashemi, MR, M. Javan, and N. Talebbeydokhti, "Assessment of Bed Regulation Methods in Urban Rivers", World water & Environmental resources Congress 2003, ASCE, pp. 456-464. ...
138. Talebbeydokhti, N. "Evaluation of CREAMS model in predicting erosion from agricultural plots in Birjand, Iran." IUGG 2003.
139. Derakhshan, H. and N. Talebbeydokhti, "Design and analysis of open channel transition," 6th international conference on civil engineering (ICCE2003), Isfahan, 5-7 May 2003.
140. Baghlani, A., N. Talebbeydokhti, and G. Rakhshandehroo, "An overview on turbulent measurement techniques," Proceeding of the sixth international river engineering conference, 28-30 June 2003.
141. Mardashti, A., N. Talebbeydokhti, and G. Rakhshandehroo, "Investigation of turbulent phenomena in rivers and its application in sediment transport," Proceeding of the sixth international river engineering conference, 28-30 June 2003.
142. Nikmanesh, M.R. and Talebbeydokhti, N., "Integration of analytical Van Rijn and Differential equation governing alongshore currents for estimating sediment transport," 4th International Conference on Shoreline, Ports, and Coastal structures, Tehran, 2000
143. Talebbeydokhti, N., "Water Harvesting Management in Larastan, IRAN, "proceedings of urban stability through integrated water-related management, The 9th Stockholm water symposium, 9-12 Aug. 1999.
144. Talebbeydokhti, N. and A. Baghlani, "Streambed Erosion Modeling and its solution by Finite Element Method," Water 99 Joint Congress-Brisbane, Australia 6-8, 1999.
145. Talebbeydokhti, N. and B. Hooshiari, "Abanbars as a dependable Method of water Harvesting, "The Regional workshop on Traditional water Harvesting Systems, 1-5 May 1999, Tehran, Iran.
146. Talebbeydokhti, N., "Overview of Integrated watershed Management in Iran, "International symposium on Comprehensive watershed Management, 7-10 September 1999, Beijing, China.
147. Talebbeydokhti, N. and R.V. Rohani, "sewer Network Design by Dynamic program", First Hydraulic Conference, Sep. 1997, Tehran, Iran.
148. Jamali, A., G.A. Barani, and N. Talebbeydokhti, "Stochastic Analysis of Clay blanket, case study ", First earth dam seminar, Aug. 1997, Tehran, Iran.
149. Talebbeydokhti, N. "Water Issues and prospects in Iran", proceedings of water for next century conference, Foundation C.L. Mayer, Jan. 1997, Penang, Malaysia.
150. Talebbeydokhti, N. and N. Parvin, "Investigation of Dam Break and Application of Computer Models on Doroodzan Dam", proceedings of fourth Annual Mechanical Engineering Conference of ISME and second international Mechanical Engineering Conference, 14-17 May 1996, Shiraz, Iran
151. Abadini, M.J. and N. Talebbeydokhti, "Optimization of Canal Capacity and Area under Cultivation by Computational Method", Proceedings of International Congress of Computational Methods in Engineering, May 2-6, 1993, Shiraz, Iran.
152. Talebbeydokhti, N. and M.J. Abadini, "Application of Optimization Techniques in Determination of Storage Dam Capacity", proceedings of Colorado Water Engineering Conference, March 1992, Aurora, USA.

153. Talebbeydokhti, N., "Scour Characteristics of Bridge piers and Abutments during Floods", AGU spring meeting, April 1992, Mont., Canada.
154. Talebbeydokhti, N. and S.P. Bindra, "Energy Efficiency Strategy of Sustainable Society", Energy Conference, Oct. 1993, Seoul, Korea.
155. Talebbeydokhti, N., "Incipient Motion of Cohesive Sediment due to Oscillatory and Unidirectional Flows", Ph.D. Thesis, Civil Engineering Department, Oregon State University, Corvallis, June 1984.
156. Talebbeydokhti, N. and M. Jasmani, "Scour protection around Bridge Pier, Tallor River", Proceedings of first Iranian River engineering conference, Ahwaz, November 1990.
157. Hossieni, S.M. and N. Talebbeydokhti, "Analysis of Steady Unconfined Flow by Finite Element Methods in Fixed Grid", Proceedings of Third International Iranian Congress of Civil Engineering, Shiraz, Iran, May 1990.
158. Ghafuri Roozbahni, A. M., and S.A. Sichani and N. Talebbeydokhti, " digital Simulation of Hydrologic Cycle in the Roodzard Representative Experimental Basin", Proceedings of Third International Iranian congress of Civil Engineering, May 1990.
159. Talebbeydokhti, N., "Site Selection for Coastal Structures", International Conference on ports and harbors, Tehran, 1990.
160. Talebbeydokhti, N., "Reservoir Sedimentation", International conference of Dams, Tehran. 1987.
161. Bavaian, K., and N. Talebbeydokhti, "Selection of Appropriate Bed-Load formula", First Iranian Conference on hydrology, Tehran, 1988.
162. Pishvaie, A., and N. Talebbeydokhti, "Slope stability of Channels", First Iranian Conference on Hydrology, Tehran, 1988.
163. Abadini, M.J., and N. Talebbeydokhti, "Determination of Reservoirs. Sedimentation", first Iranian Conference on Hydrology, Tehran, 1988.
164. Abadini, M. J., and N. Talebbeydokhti, "Sediment Distribution and its Control", First Iranian conference on Hydrology, Tehran, 1988.
165. Talebbeydokhti, N., "Lesson learned from study of small Hydroelectric Potential in USA ", Small Hydro Conference in Tehran, 1989.
166. Mirbagheri, S.A., and N. Talebbeydokhti, " Determination of Water Distribution System of City of Shiraz, School of engineering, University of Shiraz, 1985.
167. Talebbeydokhti, N., P.Monadjemi, "Liquid-Solid Flows in Estuary", Symposium on Multi Phase Flow Modeling, Simulation and Experiment, Boston, Aug., 1989.
168. Monadjemi, P. and N. Talebbeydokhti, "Movement of Sediments due to Waves", Symposium on Multiphase Flow Modeling, Simulation and Experiment, Boston, Aug. 1989.
169. Talebbeydokhti, N., "Evaluation of the Oregon Stream Flow Gauging Station Network", Oregon State University, 1979.
170. Klingeman, P., and N. Talebbeydokhti, "Streamflow Data Requirement for Hydropower", Water Resources Research Institute, Oregon State University, 1982.
171. Klingeman, P., N. Talebbeydokhti, et al., "Physical, Chemical and Biological Description of Sturgeon Lakes", Water Resources Research Institute, OSU, 1984.
172. Klingeman, P., N. Talebbeydokhti, et al., "Sturgeon Lake Problem Diagnosis ", Options for Restoration, and Recommendations, WRRI, OSU, 1982.
173. Talebbeydokhti, N., and P. Klingeman, "Incipient resuspension of Silt -Clay Deposits in Lower Columbia River Basin", Hydraulic Specialty Conference, ASCE, 1984.
174. Talebbeydokhti, N., M. Farshad, "Investigation of Dams on Kor River Basin", International Conference of Dams, Tehran, 1987.
175. Talebbeydokhti, N., et al., "Environmental Effects of Large Dams", International Conference of Dams, Tehran, 1987.

176. Talebbeydokhti, N., "Hydrological Analysis of Ungaged River Basins for Hydropower Development", Conference on Reconstruction of War-Damaged areas, Shiraz 1987.
177. Talebbeydokhti, N., and A. Pishvaie." Dynamic analysis of Pipelines Submerged in Ocean Atmosphere", International Conference on Ports and Harbors, Tehran, 1990.
178. Monadjemi, P. and N. Talebbeydokhti, "Shiraz Solid Waste Management, Problem and Prospects", Seventh International Conference on Solid Waste Management, Philio, USA, June 1991.
179. Monadjemi, P. and N. Talebbeydokhti, " Mixing Characteristics of Fresh Water Streams in a ...", Second Conference and 25th Fine Particle Society, N.J.,USA.,July,1994
180. Talebbeydokhti, N. and M. Moein Taghavi, "Application of HEC 2 and HEC6 Computer Models to Estimate Sediments in Doroodzan Dam," Proceedings of First Seminar on Sedimentation and Erosion, Noor, May 1995.
181. Talebbeydokhti, N., "Scour Characteristics of Bridge Piers and Abutments during Major Floods," 1992 AGU Spring Meeting, Montreal, May 12-16, 1992.