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KEY QUALIFICATIONS:

Professor of civil and environmental engineering with ۳۵ years of teaching, research, and consulting activities that cover broad areas of water resources and environmental engineering. These include: environmental engineering; hydrology; river hydraulics, watershed engineering, sediment transport and channel morphology; hydraulic structures; hydropower; fish habitat and fish passage engineering; environmental impact assessment and mitigation; 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 assessment, watershed management and resource management. I have supervised many MS and PhD theses. I have served in many steering committee related to environmental engineering, water resources, hydraulic structures, watershed management, hydropower, and environmental impact assessment areas. I have actively involved in many engineering design projects.

EDUCATION:

PhD: ۱۹۸۴ Civil & environmental Engineering, Oregon State University, Corvallis USA
          major in Water Resources & Sediment Transport.
MS: ۱۹۷۹ Civil & environmental Engineering, Oregon State University, Corvallis USA
          major in Water resources.
BS: ۱۹۷۴   Water & Irrigation Engineering, Tehran University,   Iran
          major in Soil & Water engineering
Research Associate: ۱۹۸۰ Water Resources Research Institute, Oregon State University, Corvallis USA

Sabbatical Leave: ۱۹۹۰ Civil and Environmental Eng., Oregon State University, Corvallis   USA
          working on river and watershed management.
Sabbatical Leave: ۲۰۰۱   Civil and Environmental Eng., Washington State Uni, Pullman   USA
          working on river and watershed management.

Summer school: ۲۰۰۳   Envisummer ۲۰۰۳, University of Paderborn,   Germany
working on environmental issues on soil & water.
Full Professor: ۲۰۰۲ – present, Civil and Environmental Engineering Dept., Shiraz University   Iran

PROFESSIONAL EXPERIENCE:

۲۰۱۴- Present   Chairman of Academic Committee of first international and fourth national conference on   Engineering Education, November ۱۰-۱۲, ۲۰۱۵, Shiraz University
۲۰۱۰- Present   Member of Engineering Academy of Iran- Environment and Energy
۲۰۱۰- ۲۰۱۴   Member of IHP- UNESCO committee in Iran
۲۰۱۰- Present   Member of environmental research and technology networking, Ministry of Science, Research and Technology, Deputy Minister in Charge of Research and Technology
۲۰۱۰- Present   Member of committee on wetland restoration in Fars province, Fars Governor Office
۲۰۱۱- Present   Member of Commission of Research, Education and Extension of Department of Environment, Fars province, Shiraz, Iran.
۲۰۰۸- Present   Member of research committee in water and Wastewater Company of Fars province
۲۰۰۷-۲۰۰۹   Vice chairman and Member of Organizing Committee of ۸th Congress of Civil Engineering, May ۱۱-۱۳, ۲۰۰۹, Shiraz University, Shiraz, Iran
۲۰۰۷-۲۰۰۸   Chairman of First Technical Conference on Petroleum, gas and Environment, Oct. ۲۸th, ۲۰۰۸, Shiraz University, Shiraz, Iran
۲۰۰۰-Present   Member of Fars Commission on Environmental Research   Environmental Protection Office   Shiraz, Iran
۲۰۰۵-Present   Task Committee on Green University   Shiraz University   Iran

۲۰۰۵- Present   Director of Environmental Research & Sustainable Development Center of Shiraz Uni.

۲۰۰۰-Present   Consulting Engineer & Design Reviewer   Various Consulting Engineers on Flood water spreading and watershed Management
۲۰۰۲- -۲۰۰۴   Consulting Engineer & Design Reviewer   Fars Watershed Management Office

۲۰۰۳---present   Consulting Engineer & Design reviewer   Fars water authority   Iran   review feasibility study of six - reservoir dams in Southern Iran
۲۰۰۳---present Consulting Engineer & design reviewer   Fars Governor Office   Iran   review feasibilities study of   flood protection & watershed management on cities across Fars Province
۲۰۰۳---present Consulting Engineer   National Gas Company Iran   Design   flood   protection   & watershed managements schemes for gas refinery in Bandar Abbas, Iran
۲۰۰۳---present   Consulting Engineer   National Gas Company Iran   Design drainage system for Gas & Petroleum College in Bushehr Province, Iran
۲۰۰۳—۲۰۰۳   Consulting Engineer & design reviewer   Housing Office   Iran   Water resources & watershed investigation on city development
۲۰۰۳--۲۰۰۳   Chairman of technical workshop on "the role of dam activities in watershed management and planning" Ircold   Iran
۲۰۰۳-present   Editorial board of water Resources Research Journal   Water Resources Association Iran
۲۰۰۲—present   Researcher   National science foundation   Iran   investigate the water quality and eutrophication of Doroodzan reservoir dam   Iran
۲۰۰۲---۲۰۰۳   Consulting Engineer   Planning & management office Iran   Review feasibility and design stage of river basin development

٢٠٠٢---٢٠٠٣   Environmental consulting   Environmental Protection Agency   Iran   Preparing environmental data bank for Fars Province

٢٠٠٢—present   Director and Member of scientific committee   Environmental and sustainable development research Center   Shiraz University   Iran

٢٠٠١—٢٠٠٣   Researcher   Fars Petrochemical Complex   Iran   Investigate the salt potential and its impurities in Maharloo Lake in Shiraz

٢٠٠٢---present   Professor   Civil Engineering Dept.   Iran   Teaching, Consulting & Research in water resources, watershed and environmental subjects

٢٠٠٠—present   Design reviewer   Agricultural Ministry   Iran   design hydraulic structures for watershed management for ground water recharge

١٩٩٩---٢٠٠٣   Researcher   Environmental Protection Agency   Iran   Research on water quality of Kor River basin

٢٠٠٠—٢٠٠٢   Technical steering Committee   Agriculture Ministry   Iran   review reconnaissance & feasibility study for ٥٦ sites for hydropower development in southern Iran

٢٠٠١-present   Editorial board of Iranian Journal of Science and Technology   Shiraz University Iran

٢٠٠١-present   Member of expert committee on urban rivers in Shiraz   Iran   review reconnaissance & feasibility study of urban rivers

٢٠٠١-٢٠٠٣   Researcher   Shiraz University   Iran   environmental impact assessment of Shiraz solid waste landfill

٢٠٠٠—٢٠٠٢   Researcher   Shiraz University   Iran   environmental impact assessment of reservoir dam on Kor River

٢٠٠٠-٢٠٠١   Researcher& Visiting Professor   sabbatical leave working on the effect of land use on salmon fish in PNW, Washington State University, USA

١٩٩٩--١٩٩٩   Chairman of Regional workshop on Traditional Water Harvesting Systems, May ١-٥, ١٩٩٩, Tehran, Iran

١٩٨٩---٢٠٠١   Technical steering Committee   Fars Water Authority   Iran   review reconnaissance, feasibility & design studies for major reservoir dams in southern Iran

١٩٩٧-٢٠٠٠   Researcher   members of environment and sustainable development in National Research   Foundation of Iran

١٩٩٢-١٩٩٨   Member of Erosion and Sediment Committee, UNESCO in Iran

١٩٩٥---٢٠٠٢   Associate Professor of civil engineering   Shiraz University   Iran

١٩٩٥-present   Member of power ministry high commission to turnkey kowsar reservoir (١٣٠-m height)   Dam project   Iran   review detailed design drawings

١٩٩٥-٢٠٠١   Member of consulting engineer to Karkhah Dam& Izad khast Dam Iran

١٩٩٤-٢٠٠٠   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 (٣٠ 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

١٩٩٢-١٩٩٤   Member of Dam committee to provide help to Contractor of Sivand Dam in Iran

١٩٩١-١٩٩٢   Designer   Investigation of khosk River in Shiraz Drainage project in various parts of Shiraz, and Riverbed protection in Khoshk River in Shiraz   Iran

١٩٩٠—present   Short course Lecturer   state and private organization Iran   in many subjects on water resources, hydropower and environmental engineering

١٩٩٠--١٩٩٠   Chairman of Third International Congress of Civil Engineering,   Shiraz, May ١٤-١٨, ١٩٩٠   Iran

١٩٩٠-present   member of Technical committee of many workshops and seminars related to water resources and environmental engineering   Iran

١٩٩٠---١٩٩١   Researcher & Visiting Professor   Sabbatical leave   Oregon   State   University USA

١٩٨٨---١٩٩٠   Vice-dean of Research, School of Engineering   Shiraz University   Iran

١٩٨٨---١٩٩٠   Member of editorial board of press   Shiraz University   Iran

١٩٨٨---١٩٩٠   Member of Shiraz University Council   Shiraz University   Iran

١٩٨٥---١٩٨٨   Chairman of Civil Engineering Department   Shiraz University   Iran

١٩٨٥---١٩٨٦   Vice dean of Student affair-School of Engineering   Shiraz University   Iran

١٩٨٤- Present   Researcher   environmental assessment of many water resources projects in Iran

١٩٨٤---١٩٩٥   Assistant Professor of civil engineering   Shiraz University   Iran

١٩٨٠---١٩٨٤   Teaching and Research Assistant   Oregon State University   USA

١٩٨٠-١٩٨٤   Project engineer   Hydrodynamic and Pollution characteristics of Sturgeon Lake in Portland, Oregon, U.S.A.

١٩٧٧---١٩٨٤   Project engineer   water resources research institute   Oregon State University   USA working on many river and water resources project

١٩٧٨—١٩٨٠   Project engineer   Department of Energy   USA   working on hydro potential in Northwest with a team of experts from four neighboring states

١٩٧٧-١٩٨٠   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 committee 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 l 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 Engineering, Environment and Energy branch
- Vice chairman of ٨th International Congress on Civil Engineering, May ١١-١٣, ٢٠٠٩, 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 ٢٠٠٧ to Aug. ٢٠١١
- Editor- in- Chief of Water Engineering Journal (ISC)
- Editorial board of Iranian Journal of Science & Technology Transaction of Civil Engineering (ISI)
- 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, ٢٠٠٧-٢٠١٠
- Member of Iranian Watershed Society
- Member of Expert Committee on Erosion & Sedimentation, UNESCO and Jahad-e-Keshaverzi Ministry
- Member of board and founder of Green Development Society, an NGO on environment
- Member of scientific committee of watershed Management in Jahad-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 Hydraulic Professor of Hydraulic Society of Iran in ٢٠١١
- Celebrated scholar, Iranology Foundation
- Winner of best Article in sediment transport, ١٩٩٢, National Research foundation of Iran
- Winner of first prize engineering book entitled Gabion Structure, ١٩٩٠, 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 (٢٠٠٥)
- Member of Word selection in Civil Engineering, Academy of Science
- Winner of outstanding researcher, ٢٠٠٤, school of engineering, Shiraz University, Iran.

- Winner of Best Article in ٤th Civil Engineering Congress, Tehran University, May ٢٠٠٨.
- Winner of Outstanding Industry Researcher of ٢٠٠٧, Shiraz University
- Winner of Best article in ٧th Hydraulics Conference
- Winner of Outstanding researcher of ٢٠٠٨, Shiraz University
- Winner of Outstanding researcher of Civil and Environmental Engineering, ٢٠٠٩.

Presentation and Seminars:
 Many 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 ١٠٠ M.Sc. Theses in different areas of Civil and Environmental Engineering have been supervised by me as a chairman during last ٣٥ years of teaching and also I served in more than ٢٥٠ M.Sc. theses as an advisor.

PhD Theses:

٨ PhD theses have been defended under my supervision including:
١) Asadollah Mardashti, Form optimization of stepped spillway for energy dissipation based on step-pool mountain streams, October ٢٠٠٧
٢) Abdol Hosein Baghlani, Numerical modeling of two-dimension depth-averaged for alluvial river junctions, ٢٠٠٧
٣) Hassti Hasheminejad, Experimental study and modeling of Petroleum contaminated ground water treatment by using GAC, PAC, peat and natural cellulous materials (sawdust), March ٢٠٠٩
٤) Zahra Ghadampour, Modeling non-hydrostatic flow inclusion of turbulent using Meshfree methods, September ٢٠١٢
٥) Seied Mehrab Amiri, A hybrid neural network and two-dimensional depth-averaged model for alluvial channels, ٢٠١٢
٦) Ali Akbar Hekmatzade, Experimental investigation and modeling of Nitrate removal from polluted water by ion exchange process, June ٢٠١٢
٧) Mohammad Reza Nikmanesh, Numerical modeling of concentration profile for soft muddy (cohesive) sediments due to wave and current, February ٢٠١٣
٨)) Ali Mahdavi, Numerical modeling of wave flume using smoothed particle hydrodynamics, March ٢٠١٥

Additionally, I served in more than ٢٥ PhD theses as an advisor. presently, six PhD students working on their theses under my supervision.

PUBLICATIONS:

a. Books:

١. Talebbeydokhti, N. and B. Banihashemi, Chapter ١٣:   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, ٢٠١٠, PP٢٢٠-٢٤٥

٢. 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, ٢٠٠٩

٣. 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 ٢٠٠٨.

٤.   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 ٢٠٠٨.

٥. Talebbeydokhti et al., "Erosion and Sediment Glossary", Erosion and Sediment Committee and UNESCO, Tehran, ٢٠٠٣

 ٦. Javan, M., N. Talebbeydokhti, M. Farshad, P. Javahari, "Gabion Structures", Jahan Sazandeghi Publishing, Tehran (in Farsi), ١٩٩٠. Winner of Best Engineering Book in Book Fair of Iran, Year of ١٩٩٠

 ٧. Talebbeydokhti, N. and M. Javan, "River Engineering ",(in Farsi), Under print.

 ٨   Anvar, S.A., and N. Talebbeydokhti, " proceedings of Third International Congress of Civil Engineering ", editors, May ١٤-١٨, ١٩٩٠،٦ Volumes (٥ in English and one in Farsi).

 ٩   Talebbeydokhti, N., A. Telvari, and S.A. Heydarian, "Regional workshop on Traditional Water Harvesting Systems", Editors, May ١-٥،١٩٩٩, Tehran, Iran.

 ١٠   Editing ٢ books on hydraulic Engineering and sediment transport published by Esphahan Industrial University and Ahwaz University.

 ١١. Editing book on river engineering published by watershed and soil conservation Center, ٢٠٠٥, Tehran, Iran.

 ١٢. Yasi, M., Javan, M., Talebbeydokhti, N. and Bina, M., "Spur Dike design", ٢٠٠٨, water industry standard # ٥١٦, Power ministry (Farsi)

b. Articles:

Journals papers (refereed):

١.   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 ٦٩, no. ١٢ (٢٠١٥): ١٤٧٠-١٤٨٣.

٢.   Sahraei, Sh., Zare Ardalan, Zakermoshfegh, Nikaghbal Sisakhat, B., Talebbeydokhti, N., and Moradkhani, H., "Daily discharge forecasting using least square support vector regression tree," Scientia Iranica, Transaction A: Civil Engineering ٢٢, no. ٢ (٢٠١٥): ٤١٠-٤٢٢.

٣.	Mahdavi, A. and Talebbeydokhti, N., "A hybrid solid boundary treatment algorithm for smoothed particle hydrodynamics," Scientia Iranica, Transaction A: Civil Engineering ٢٢, no. ٤ (٢٠١٥): ١٤٥٧-١٤٦٩.

٤.	Zeinali S, Talebbeadokhti N. "Coastal Morphodynamics and Long-term Morphological Modeling: A Review." Research Journal of Environmental and Earth Science ٦ (٢٠١٤):٤٩٣-٤٩٩.

٥.	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 ٣٨, no. C١ (٢٠١٤): ٩٩.

٦.	Baghapour, Mohammad Ali, Nasser Talebbeydokhti, Hamidreza Tabatabee, 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 ٢, no. ٢ (٢٠١٤): ٥٤-٦٥.

٧.	Rajabpour, R. and Talebbeydokhti, N., "Simultaneous layout and pipe size optimization of pressurized irrigation networks," Basic Research Journal of Agricultural Science and Review, Vol. ٣(١٢), ٢٠١٤, PP١٣١-١٤٥.

٨.	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. ١٧, ٢٠١٤, PP ٥٨٩-٥٩٣.

٩.	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. ٣٨, ٢٠١٤, PP ٩٩-١٠٩.

١٠.	Fattahi, M.H., Talebbeydokhti, N., Moradkhani, H., and Nikoei, A., "Revealing the chaotic nature of river flow..," IJSTC, Vol. ٣٧, ٢٠١٣, PP ٤٣٧-٤٥٦.

١١.	Ghafari, A. and Talebbeydokhti, N., "Status of environmental education in various countries…," Elsevier- Social and Behavioural Sciences, Vol. ١٠٢, ٢٠١٣, PP ٥٩١-٦٠٠.

١٢.	Minosepehr, M., Talebbeydokjti, N., Alizade, M. and Mohammadi, S. "Application of new RFID in urban waste water systems," Quarterly Construction Engineering Organization of Fars province, ٩٤ (٢٠١٤): ٨٥-٩٤.

١٣.	Rajabpor, R, Talebbeydokjti, N. and Rakhshandero, G. "Development and application of JPSO algorithm in optimized operation of dam hydraulic structures." Journal of Water Resources Engineering, ٤٧ (٢٠١٤): ٢٥-٦٠.

١٤.	Zare, B., M. Habibi, N. Talebbeydokhti, and Ayoub Karimi-Jashni. "Sludge Bulking Control by Chlorination in Shiraz Wastewater Treatment Plant." GMP Review, ١٨ (٢٠١٥):٢٥٩-٢٦٥.

١٥.	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.٢, ٢٠١٣, PP ١٥٠-١٥٧.

١٦.	Hakmetzadeh, A.A., Karimi Jashni, A., Talebbeydokhti, N., and Clove, B., "Adsorptionn kinetics of nitrate ion on ion exchange resin…," Desalination, Vol. ٣٢٦, ٢٠١٣, PP ١٢٥-١٣٤.

١٧.	Baghalani, A. and Talebbeydokhti, N., "Hydrodynamics of right-angled channel confluences by a ٢ D numerical model," IJSTC, Vol. ٣٧, ٢٠١٣, PP ٢٧١-٢٨٣.

١٨.	Mahdavi, A. and Talebbeydokhti, N., " Application of WAF algorithm in numerical simulation of rolling waves," Journal of Ferdousi, Civil Engineering, Mashad University, Vol. ١, ٢٠١٤, PP ٤٣-٥٨ (Farsi)

١٩.	Nikmanesh, M. R., Talebbeydokhti, N., "Numerical Simulation for Predicting Concentartion Profile of Cohesive Sediment in Surf Zone," Scientia Iranica, International Journal of Science and Technology, Transactions A: Vol. ٢٠, No. ٣, June ٢٠١٣, PP ٤٥٤-٤٦٥.

٢٠.	Nikmanesh, M. R., and N. Talebbeydokhti. "Numerical simulation for predicting concentration profiles of cohesive sediments in surf zone." Scientia Iranica ٢٠, no. ٣ (٢٠١٣): ٤٥٤–٤٦٥.

٢١. Amiri, S.M., Talebbeydokhti, N., Baghlani, A. "A two-dimensional well-balanced numerical model for shallow water equations," Scientia Iranica, Volume ٢٠, Issue ١, February ٢٠١٣, Pages ٩٧-١٠٧

٢٢. 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. ٣٧, No. C١, February ٢٠١٣, pp ٧٧-٩٥.

٢٣. 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 ٤٧ (٢٠١٢): ٨٨-١٠٣.

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٢٥. 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 ١٠٢, no. ٢٢ (٢٠١٣): ٥٩١–٦٠٠.

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