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PERSONAL INFORMATION



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EDUCATIONAL INFORMATION

- PhD:** 1999-2003 Istanbul Technical University (ITU), Institute of Science and Technology, Hydraulics Division.
The title of the thesis is '*Modeling of suspended sediment yield in a river cross-section using fuzzy logic*'.
- MSc:** 1997-1999 Erciyes University (EU), Institute of Science and Technology, Hydraulics Division.
The title of the thesis is '*Ten-stage discrete flood routing for dams having gated spillways*'.
- BSc:** 1993-1997 Cukurova University (CU), Engineering Faculty, Department of Civil Engineering
1992-1993 Intensive English School of CU for undergraduate students

WORKING EXPERIENCE

- 2021-** : Guest Prof., University of Applied Sciences Lübeck, Dept. of Civil Eng.
- 2017-** : Prof. Dr., Ilia State University, School of Technology, Dept. of Civil Eng.
- 2012-2016** : Prof. Dr., Basari University, Dean of the Faculty of Architectural and Eng.
- 2011-2012** : Prof. Dr., Erciyes University, Head of Civil Eng. Dept.
- 2005-2011** : Assoc. Prof. Dr., Erciyes University
- 2003-2005** : Asst. Prof. Dr., Erciyes University
- 1999-2003** : Research assistant, Institute of Science and Technology, ITU
Teaching assistant at fluid mechanics course (Summer, 2000)
Teaching assistant at hydrology course (Spring, 2002)
Teaching assistant at hydrology course (Spring, 2003)
Teaching assistant at fluid mechanics course (Summer, 2003)
- 1998-1999** : Research assistant, Institute of Science and Technology, EU

- 1997** : Analysis of floors and beams with finite elements method and the comparison with the classical methods used in practice, final project of undergraduate education
- 1996** : Civil engineering office training, OZIMKO Co, Adana (summer training)
- 1995** : Civil engineering work site training, OZIMKO Co, Adana (summer training)

BSc LECTURES GIVEN

Calculus
 Introduction to Civil Engineering
 Fluid Mechanics
 Hydraulics
 Hydrology
 Hydraulic Structures
 Computer Programming
 Computer Applications in Engineering Hydrology
 Fuzzy Logic and Civil Engineering Applications
 Artificial Neural Networks and Civil Engineering Applications
 Introduction to Artificial Intelligence

MSc AND PhD LECTURES GIVEN

Artificial Neural Networks and Engineering Applications
 Fuzzy Logic and Engineering Applications
 Programming with Soft Computational Techniques
 Programming with Artificial Intelligence Techniques
 Data Mining in Water Engineering
 Research Methodology

RESEARCH FIELDS

Developing novel methods towards the innovative solution of hydrologic forecasting and modeling; suspended sediment modeling; forecasting, estimating, spatial and temporal analysis of hydro-climatic variables such as precipitation, streamflow, suspended sediment, evaporation, evapotranspiration, groundwater, lake level and water quality parameters using wavelet analysis, remote sensing, statistical and new graphical trend methods; hydro-informatics.

PUBLICATIONS

Journal Papers (SCI)

Alizamir, M., Kazemi, Z., Kazemi, Z., Kemanian, M., Kim, S., Heddam, S., Kisi, O., Chung, Il-Moon. Investigating landfill leachate and groundwater quality prediction using a robust integrated artificial intelligence model: gray wolf metaheuristic optimization algorithm and extreme learning machine, *Water*, (accepted for publication).

Sahoo, B.B., Sankalp, S., Kisi, O. A novel smoothing-based deep learning time-series approach for daily suspended sediment load prediction, *Water Resources Management*, (accepted for publication).

Adnan, R.M., Cao, X., Sadeghifar, T., Kuriqi, A., Kisi, O., Shahid, S. Improving significant wave height prediction using neuro fuzzy approach and marine predators algorithm, *Journal of Marine Science and Engineering*, (accepted for publication).

Seyedian, S.M., Kisi, O. Uncertainty analysis of discharge coefficient predicted for rectangular side weir using machine learning methods, *Journal of Hydrology and Hydromechanics*, (accepted for publication).

Jafarpour, M., Adib, A., Lotfifrad, M., Kisi, O. Spatial evaluation of climate change-induced drought characteristics in different climates based on De Martonne Aridity Index in Iran, *Applied Water Science*, (accepted for publication).

Raza, A., Saber, K., Hu, Y., Ray, R.L., Kaya, Y.Z., Dehghanisani, H., Kisi, O., Elbeltagi, A. Modelling reference evapotranspiration using principal component analysis and machine learning methods under different climatic environments, *Irrigation and Drainage*, (accepted for publication).

Adnan, R.M., Mostafa, R.R., Chen, Z., Heddam, S., Masood, A., Kisi, O. Enhancing accuracy of extreme learning machine in predicting river flow using improved reptile search algorithm, *Stochastic Environmental Research and Risk Assessment*, (accepted for publication).

Ahmed, K.O., Nariman, N., Hawez, D.M., Kisi, O., Amini, A. Predicting and optimizing the influenced parameters for culvert outlet scouring utilizing coupled flow 3D-surrogate modeling, *Iranian Journal of Science and Technology*, (accepted for publication).

Adnan, R.M., Dai, H-L., Ewees, A.A., Shiri, J., Kisi, O., Zounemat-Kermani, M. Application of novel robust machine learning method in the field of renewable energy resources, *Energy Reports*, (accepted for publication).

Ghazi, B., Jeihouni, E., Kisi, O. A comparative study of statistical model and soft computing methods in forecasting groundwater level response to climate change scenarios in the semi-arid region, *Theoretical and Applied Climatology*, (accepted for publication).

Khani, M.S., Shahsavani, Y., Mehraein, M., Kisi, O. 2023. Performance evaluation of the Savonious hydrokinetic turbine using soft computing techniques, *Renewable Energy*, 2015, 118906. <https://doi.org/10.1016/j.renene.2023.118906>.

Kim, S., Seo, Y., Malik, A., Kim, S., Heddam, S., Yaseen, Z.M., Kisi, O., Singh, V.P. 2023. Quantification of river total phosphorus using integrative artificial intelligence models, *Ecological Indicators*, 153, 110437. <https://doi.org/10.1016/j.ecolind.2023.110437>.

Adnan, R.M., Dai, H-L, Kuriqi, A., Kisi, O., Zounemat-Kermani, M. 2023. Improving drought modeling based on new heuristic machine learning methods, *Ain Shams Engineering Journal*, 14(10), 102168. <https://doi.org/10.1016/j.asej.2023.102168>.

Minaei, M., Kisi, O., Kamangar, M. 2023. Spatio-temporal analysis of carbon sequestration in different ecosystems of Iran and its relationship with agricultural droughts, *Sustainability*, 15, 6577. <https://doi.org/10.3390/su15086577>.

Vadiati, M., Ghasemi, L., Samani, S., Islam, Md.A., Ahmadi, A., Khaleghi, S., Movarej, M., Gorgij, A.D., Kisi, O., Davoodi, S., Dhama, K., Tiwari, A., Bhattacharya, P. 2023. A sustainable trend in COVID-19 research: an environmental perspective, *Frontiers in Environmental Science*, 11:1104679. <https://doi.org/10.3389/fenvs.2023.1104679>.

Mostafa, R.R., Kisi, O., Adnan, R.M., Sadeghifar, T., Kuriqi, A. 2023. Modeling potential evapotranspiration by improved machine learning methods using limited climatic data, *Water*, 15, 486. <https://doi.org/10.3390/w15030486>.

Adnan, R.M., Mostafa, R.R., Chen, Z., Parmar, K.S., Kisi, O., Zounemat-Kermani, M. 2023. Water temperature prediction using improved deep learning methods by reptile search algorithm and weighted mean of vectors optimizer, *Journal of Marine Science and Engineering*, 11, 259. <https://doi.org/10.3390/jmse11020259>.

Thieu, N.V., Barma, S.D., Lam, T.V., Kisi, O., Mahesha, A. 2023. Groundwater Level Modeling using Augmented Artificial Ecosystem Optimization, *Journal of Hydrology*, 617, Part C, 129034. <https://doi.org/10.1016/j.jhydrol.2022.129034>.

Adnan, R.M., Dai, H-L, Mostafa, R.R., Islam, ARMT, Kisi, O., Heddam, S., Zounemat-Kermani, M. 2023. Modeling groundwater level fluctuations by ELM merged advanced metaheuristic algorithms using hydroclimatic data, *Geocarto International*, 38(1), 2158951. <https://doi.org/10.1080/10106049.2022.2158951>.

Adnan, R.M., Hazarika, B.B., Gupta, D., Heddam, S., Kisi, O. 2023. Streamflow prediction in mountainous region using new machine learning and data preprocessing methods: A case study, *Neural Computing and Applications*, 35, 9053–9070.

<https://doi.org/10.1007/s00521-022-08163-8>.

Difi, S., Elmeddahi, Y., Hebal, A., Singh, V.P., Heddam, S., Kim, S., Kisi, O. 2023. Monthly Streamflow prediction using hybrid extreme learning machine optimized by bat algorithm: Case study of Cheliff Watershed, Algeria, *Hydrol. Sci. J.*, 68(2), 189–208.

<https://doi.org/10.1080/02626667.2022.2149334>.

Samani, S., Vadiati, M., Nejatijahromi, Z., Etebari, B., Kisi, O. 2023. Groundwater Level Response Identification by Hybrid Wavelet–Machine Learning Conjunction Models Using Climatic Data, *Environmental Science and Pollution Research*, 30, 22863–22884.

<https://doi.org/10.1007/s11356-022-23686-2>.

Keshtegar, B., Piri, J., Ul Hussan, W., Ikram, K., Yaseen, M., Kisi, O., Adnan, R.M., Adnan, M., Waseem, M. 2023. Prediction of sediment yields using novel data driven model: Radial M5 model tree, *Water*, 15, 1437. <https://doi.org/10.3390/w15071437>.

Adnan, R.M., Dai, H-L, Mostafa, R.R., Islam, ARMT, Kisi, O., Elbeltagi, A., Zounemat-Kermani, M. 2023. Application of novel binary optimized machine learning models for monthly streamflow prediction, *Applied Water Science*, 13, 110. <https://doi.org/10.1007/s13201-023-01913-6>.

Adnan, R.M., Mostafa, R.R., Dai, H-L, Heddam, S., Kuriqi, A., Kisi, O. 2023. Pan evaporation estimation by relevance vector machine tuned with new metaheuristic algorithms using limited climatic data, *Engineering Applications of Computational Fluid Mechanics*, 17(1), 2192258. <https://doi.org/10.1080/19942060.2023.2192258>.

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Adnan, R.M., Sadeghifar, T., Alizamir, M., Azad, M.T., Makarynskyy, O., Kisi, O., Barati, R., Ahmed, K.O. 2023. Short-term probabilistic prediction of significant wave height using Bayesian model averaging: case study of Chabahar Port, Iran, *Ocean Engineering*, 272, 113887. <https://doi.org/10.1016/j.oceaneng.2023.113887>.

Majedi-Asl, M., Fuladipanahb, M., Mahmoudpour, H., Ebrahimpour, E., Kisi, O. 2023. Optimization design of quality monitoring network of Urmia plain using genetic algorithm and vulnerability map, *Geocarto International*, 38(1), 2152492. <https://doi.org/10.1080/10106049.2022.2152492>.

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Adnan, R.M., Mostafa, R.R., Chen, Z., Islam, ARMT, Kisi, O., Kuriqi, A., Zounemat-Kermani, M., 2023. Advanced hybrid metaheuristic machine learning models application for reference crop evapotranspiration prediction: A case study from data-scarce humid region, Bangladesh, *Agronomy*, 13, 98. <https://doi.org/10.3390/agronomy13010098>.

Jamei, M., Ahmadianfar, I., Karbasi, M., Malik, A., Kisi, O., Yaseen, Z.M. 2023. Development of Wavelet-Based Kalman Online Sequential Extreme Learning Machine optimized with Boruta-Random Forest for Drought Index Forecasting, *Engineering Applications of Artificial Intelligence*, 117, 105545. <https://doi.org/10.1016/j.engappai.2022.105545>.

Heddam, S., Ptak, M., Sojka, M., Kim, S., Malik, A., Kisi, O., Zounemat-Kermani, M. 2022. Least Square Support Vector Machine Based Variational Mode Decomposition: A New Hybrid Model for Daily River Water Temperature Modeling, *Environmental Science and Pollution Research*, 29(47), 71555-71582. <https://doi.org/10.1007/s11356-022-20953-0>.

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Sihag, P., Nouri, M., Ahmadpari, H., Seyyedzadeh, A., Kisi, O. 2022. Approximation of the discharge coefficient of radial gates using metaheuristic regression approach, *Sustainability*, 14(22), 15145; <https://doi.org/10.3390/su142215145>.

Adnan, R.M., Ewees, A.A., Parmar, K.S., Yaseen, Z.M., Shahid, S., Kisi, O. 2022. The viability of extended marine predators algorithm – based artificial neural networks for streamflow prediction, *Applied Soft Computing*, 131, 109739. <https://doi.org/10.1016/j.asoc.2022.109739>.

Mehraein, M., Mohanavelu, A., Naganna, S.R., Kulls, C., Kisi, O. 2022. Monthly streamflow prediction by metaheuristic regression approaches considering satellite precipitation data, *Water*, 14, 3636. <https://doi.org/10.3390/w14223636>.

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Chauhan, A.S., Maurya, R.K.S., Rani, A., Malik, A., Kisi, O., Danodia, A. 2022. Rainfall dynamics observed over India during last century (1901–2020) using innovative trend methodology, *Water Supply*, 22(8): 6909–6944. <https://doi.org/10.2166/ws.2022.291>

Samani, S., Vadiati, M., Azizi, F., Zamani, E., Kisi, O. 2022. Groundwater Level Simulation Using Soft Computing Methods with Emphasis on Major Meteorological Components, *Water Resources Management*, 36, 3627–3647. <https://doi.org/10.1007/s11269-022-03217-x>

Mirboluki, A., Mehraein, M., Kisi, O. 2022. Improving accuracy of neuro fuzzy and support vector regression for drought modeling using grey wolf optimization, *Hydrol. Sci. J.*, 67(10), 1582-1597, <https://doi.org/10.1080/02626667.2022.2082877>

Chauhan, A.S., Singh, S., Maurya, R.K.S., Kisi, O., Rani, A., Danodia, A. 2022. Spatio-temporal analysis of rainfall dynamics of 120 years (1980-2020) in Haryana, India, *Sustainability*, 4(9):4888. <https://doi.org/10.3390/su14094888>

Basak, A., Sakiur Rahman, A.T.M., Das, J., Hosono, T., Kisi, O. 2022. Drought forecasting using the Prophet Model in semi-arid climate region of western India, *Hydrological Sciences Journal*, 67(9), 1397-1417. <https://doi.org/10.1080/02626667.2022.2082876>

Adnan, R.M., Dai, H-L, Mostafa, R.R., Parmar, K.S., Heddam, S., Kisi, O. 2022. Modeling multi-step ahead dissolved oxygen concentration using improved support vector machines by a hybrid metaheuristic algorithm, *Sustainability*, 14, 3470. <https://doi.org/10.3390/su14063470>.

Kisi, O., Mirboluki, A., Naganna, S.R., Malik, A., Kuriqi, A., Mehraein, M. 2022. Comparative evaluation of deep learning and machine learning in modelling pan evaporation using limited inputs, *Hydrological Sciences Journal*, 67(9), 1309-1327, <https://doi.org/10.1080/02626667.2022.2063724>

Afan, H.A., Yafouz, A., Birima, A.H., Ahmed, A.N., Kisi, O., Chaplot, B., El-Shafie, A. 2022. Linear and stratified sampling-based deep learning models for improving the river streamflow forecasting to mitigate flooding disaster, *Natural Hazards*, 112, 1527–1545. <https://doi.org/10.1007/s11069-022-05237-7>.

Adnan, R.M., Mostafa, R., Elbeltagi, A., Yaseen, Z.M., Shahid, S., Kisi, O. 2022. Development of new machine learning model for streamflow prediction: Case studies in Pakistan, *Stochastic Environmental Research and Risk Assessment*, 36, 999–1033. <https://doi.org/10.1007/s00477-021-02111-z>

Ahmed, A.N., Yafouz, A., Birima, A.H., Kisi, O., Huang, Y.F., Sherif, M., Sefelnasr, A., El-Shafie, A. 2022. Water Level Prediction Using Various Machine Learning Algorithms: A case study of Durian Tunggal river, Malaysia, *Engineering Applications of Computational Fluid Mechanics*, 16(1), 422–440. <https://doi.org/10.1080/19942060.2021.2019128>

Mohanavelu, A., Bankaru-Swamy, S., Kisi, O. 2022. Modeling Multi-objective Pareto-optimal Reservoir Operation Policies Using State-of-the-art Modeling Techniques, *Water Resources Management*, 36, 3107–3128. <https://doi.org/10.1007/s11269-022-03191-4>.

Kim, S., Alizamir, M., Seo, Y., Heddam, S., Chung, I.M., Kim, Y., Kisi, O., Singh, V.P. 2022. Estimating the incubated river water quality indicator based on machine learning and deep learning paradigms: BOD5 Prediction, *Mathematical Biosciences and Engineering*, 19(12): 12744–12773. <http://www.aimspress.com/journal/MBE>

Adnan, R.M., Goliatt, L., Kisi, O., Trajkovic, S., Shahid, S. 2022. Covariance Matrix Adaptation Evolution Strategy for Improving Machine Learning Approaches in Streamflow Prediction, *Mathematics*, 10(6), 2971. <https://doi.org/10.3390/math10162971>

Vadiati, M., Rajabi, Z., Eskandari, E., Nakhai, M., Kisi, O. 2022. Application of artificial intelligence models for prediction of groundwater level fluctuations (Case study: Tehran-Karaj alluvial aquifer), *Environmental Monitoring and Assessment*, 194:619, <https://doi.org/10.1007/s10661-022-10277-4>.

Jamei, M., Karbasi, M., Malik, A., Jamei, M., Kisi, O., Yaseen, Z.M. 2022. Long-term multi-step ahead forecasting of root zone soil moisture in different climates: Novel ensemble-based complementary data-intelligent paradigms, *Agricultural Water Management*, 269, 107679. <https://doi.org/10.1016/j.agwat.2022.107679>.

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Kisi, O., Unes, F., Cengiz, M. T., 2001. Flood frequency analysis of Antalya extreme precipitations, *First Water Congress*, Ocak, Istanbul, Turkey, 197-206.

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Projects

Determination of discharge-stage relationship and estimation of streamflow by using artificial neural networks, *Erciyes University (EU)*, Project Code: MFA-04-04, 2004-2006.

Long and short-term streamflow prediction and missing data infilling using soft computing techniques, *Erciyes University (EU)*, Project Code: FBA-06-26, 2006-2008.

River sediment load modelling using fuzzy-neuro approach, *The Scientific and Technical Research Council of Turkey*, Project Code: 106Y191, 2006-2008.

Development of a computer package program for the frequency analysis and depth-duration-recurrence relations of 14 sequential-duration recorded annual rainfall peaks series from 5 minutes to 24 hours, *The Scientific and Technical Research Council of Turkey*, Project Code: 106Y192, 2006-2008.

Estimating suspended sediment load in natural rivers using artificial intelligence methods, *Erciyes University (EU)*, Project Code: FBT-07-30, 2007-2008.

Determination of river stage-discharge relationship using multi-layer neural networks, *Erciyes University (EU)*, Project Code: FBT-07-31, 2007-2008.

Modeling lake level fluctuation using artificial neural networks combined with wavelet, *Erciyes University (EU)*, Project Code: FBT-1042, 2009-2010.

Wavelet neural networks for estimating short-term and long-term streamflows, *Erciyes University (EU)*, Project Code: FBT-1040, 2009-2010.

PROFESSIONAL ACTIVITIES

Editorial Board:

Associate Editor of Journal of Hydrologic Engineering (ASCE), (2015-).

In Editorial Board for Hydrology Research, (2019-).

In Editorial Board for Sustainability, (2020-).

In Editorial Board for Hydrological Sciences Journal, (2021-).

In Editorial Board for KSCE Journal of Civil Engineering, (2023-).

Guest Editor for Special Issue on Hydrological Hazards in a Changing Environment-Early Warning, Forecasting, and Impact Assessment (Advances in Meteorology), 2015.

Guest Editor for Special Issue on Machine Learning with Metaheuristic Algorithms for Sustainable Water Resources Management (Sustainability), 2021.

Guest Editor for Special Issue on Sustainable Management of Water and Environment with the Aid of Advanced Computing Methods (Sustainability), 2022.

Associate Editor of Arabian Journal of Geosciences (AJGS), (2017-).

Associate Editor of ISH Journal of Hydraulic Engineering, (2015-).

In Editorial Board for Irrigation & Drainage Systems Engineering (2014-).

In Editorial Board for Austin Journal of Irrigation, (2015-).

Editorial Board of Larhyss Journal, (2018-).

In Editorial Board for Journal of Water and Land Development, (2022-).

Reviewer for SCI(E) indexed journals:

Reviewer for Hydrology Research, on June, 2023.

Reviewer for Journal of Irrigation and Drainage Engineering (ASCE), on May, 2023.

Reviewer for Expert Systems With Applications, on March, 2023.

Reviewer for Remote Sensing, on March, 2023.

Reviewer for Water Research, on February, 2023.

Reviewer for Computers and Electronics in Agriculture, on February, 2023.

Reviewer for Hydrological Sciences Journal (IAHS), on January, 2023.

Reviewer for Remote Sensing, on January, 2023.

Reviewer for Agricultural Water Management, on December, 2022.

Reviewer for Science of the Total Environment, on November, 2022.

Reviewer for Journal of Hydrologic Engineering (ASCE), on September, 2022.

Reviewer for Energy Reports, on September, 2022.

Reviewer for Acta Geophysica, on August, 2022.

Reviewer for Journal of Hydrology, on June, 2022.

Reviewer for Hydrology Research, on June, 2022.

Reviewer for Water Research, on June, 2022.

Reviewer for Ecological Informatics, on June, 2022.

Reviewer for Ecological Informatics, on May, 2022.

Reviewer for Journal of Hydrology, on May, 2022.

Reviewer for Hydrological Sciences Journal (IAHS), on May, 2022.

Reviewer for Pure and Applied Geophysics, on March, 2022.

Reviewer for Journal of Hydrology, on March, 2022.

Reviewer for Natural Hazards, on March, 2022.

Reviewer for Hydrological Sciences Journal (IAHS), on February, 2022.

Reviewer for Natural Hazards, on February, 2022.

Reviewer for Stochastic Environmental Research and Risk Assessment, on January, 2022.

Reviewer for Ocean Engineering, on December, 2021.

Reviewer for Journal of Hydrology, on December, 2021.

Reviewer for Water Research, on November, 2021.

Reviewer for Computers and Electronics in Agriculture, on November, 2021.

Reviewer for Hydrology Research, on October, 2021.

Reviewer for Environmental Technology & Innovation, on October, 2021.

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Reviewer for Hydrological Sciences Journal (IAHS), on September, 2021.

Reviewer for Energy Reports, on September, 2021.

Reviewer for Agricultural Water Management, on September, 2021.

Reviewer for Environmental Monitoring and Assessment, on September, 2021.

Reviewer for Water, on August, 2021.

Reviewer for Engineering Applications of Computational Fluid Mechanics, on August, 2021.

Reviewer for Agricultural Water Management, on July, 2021.

Reviewer for Journal of Hydrology, on July, 2021.

Reviewer for Hydrological Sciences Journal (IAHS), on July, 2021.

Reviewer for Journal of Hydroinformatics, on June, 2021.

Reviewer for Water Resources Management, on June, 2021.

Reviewer for Hydrological Sciences Journal (IAHS), on May, 2021.

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Reviewer for Journal of Hydrology, on May, 2021.

Reviewer for Journal of Hydrologic Engineering (ASCE), on May, 2021.

Reviewer for Hydrology Research, on April, 2021.

Reviewer for Theoretical and Applied Climatology, on April, 2021.

Reviewer for Engineering Applications of Computational Fluid Mechanics, on April, 2021.

Reviewer for Hydrological Sciences Journal (IAHS), on April, 2021.

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Reviewer for Journal of Hydrology, on April, 2021.

Reviewer for Journal of Contaminant Hydrology, on April, 2021.

Reviewer for Arabian Journal of Geosciences (AJGS), on March, 2021.

Reviewer for Science of the Total Environment, on February, 2021.

Reviewer for Hydrological Sciences Journal (IAHS), on February, 2021.

Reviewer for Computers and Concrete, on January, 2021.

Reviewer for Journal of Hydrology, on January, 2021.

Reviewer for Hydrological Sciences Journal (IAHS), on December, 2020.

Reviewer for PLOS ONE, on November, 2020.

Reviewer for Hydrology Research, on August, 2020.

Reviewer for Water, on August, 2020.

Reviewer for Water and Environment Journal, on August, 2020.

Reviewer for Engineering Structures, on July, 2020.

Reviewer for Natural Hazards, on July, 2020.

Reviewer for Journal of Hydrology, on July, 2020.

Reviewer for Water and Environment Journal, on July, 2020.

Reviewer for Computers and Electronics in Agriculture, on July, 2020.

Reviewer for Arabian Journal of Geosciences (AJGS), on July, 2020.

Reviewer for Pure and Applied Geophysics, on June, 2020.

Reviewer for Environmental Pollution, on May, 2020.

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Reviewer for Journal of Hydrology, on March, 2020.

Reviewer for Natural Hazards, on February, 2020.

Reviewer for Water and Environment Journal, on February, 2020.

Reviewer for Engineering Applications of Computational Fluid Mechanics, on February, 2020.

Reviewer for Hydrological Sciences Journal (IAHS), on January, 2020.

Reviewer for Hydrology Research, on December, 2019.

Reviewer for Journal of Water and Climate Change, on December, 2019.

Reviewer for Renewable Energy, on December, 2019.

Reviewer for Journal of Hydrology, on December, 2019.

Reviewer for Engineering Applications of Computational Fluid Mechanics, on November, 2019.

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Reviewer for Computers and Electronics in Agriculture, on July, 2019.

Reviewer for Sustainability, on June, 2019.

Reviewer for Hydrological Sciences Journal (IAHS), on June, 2019.

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Reviewer for Engineering Applications of Computational Fluid Mechanics, on November, 2018.

Reviewer for Journal of Hydrology, on October, 2018.

Reviewer for Water and Environment Journal, on October, 2018.

Reviewer for Journal of Hydrology, on September, 2018.

Reviewer for Journal of Hydrology, on September, 2018.

Reviewer for Water Resources Management, on September, 2018.

Reviewer for Hydrology Research, on August, 2018.

Reviewer for Hydrological Processes, on August, 2018.

Reviewer for Computers and Electronics in Agriculture, on August, 2018.

Reviewer for Polish Journal of Environmental Studies, on June, 2018.

Reviewer for Hydrology Research, on June, 2018.

Reviewer for Journal of Hydrology, on May, 2018.

Reviewer for Computers and Electronics in Agriculture, on May, 2018.

Reviewer for Journal of Hydrology, on April, 2018.

Reviewer for Advances in Water Resources, on April, 2018.

Reviewer for Renewable Energy, on March, 2018.

Reviewer for Energy, on March, 2018.

Reviewer for Journal of Hydrology, on March, 2018.

Reviewer for Water Resources Management, on February, 2018.

Reviewer for Journal of Environmental Informatics, on February, 2018.

Reviewer for Hydrology Research, on January, 2018.

Reviewer for Journal of Hydroinformatics, on January, 2018.

Reviewer for Engineering Geology, on January, 2018.

Reviewer for Journal of African Earth Sciences, on December, 2017.

Reviewer for Engineering Failure Analysis, on December, 2017.

Reviewer for Hydrology Research, on December, 2017.

Reviewer for Scientia Iranica, on November, 2017.

Reviewer for Computers and Electronics in Agriculture, on November, 2017.

Reviewer for Computers and Electronics in Agriculture, on November, 2017.

Reviewer for Computers and Electronics in Agriculture, on September, 2017.

Reviewer for Applied Soft Computing, on July, 2017.

Reviewer for Journal of Hydrology, on June, 2017.

Reviewer for Hydrological Sciences Journal (IAHS), on June, 2017.

Reviewer for Engineering with Computers, on May, 2017.

Reviewer for Applied Mathematical Modelling, on April, 2017.

Reviewer for Hydrology Research, on April, 2017.

Reviewer for IEEE Transactions on Reliability, on March, 2017.

Reviewer for Hydrological Sciences Journal (IAHS), on March, 2017.

Reviewer for Neural Computing & Applications, on March, 2017.

Reviewer for Computers and Concrete, on February, 2017.

Reviewer for Hydrology Research, on January, 2017.

Reviewer for Civil Engineering Infrastructures Journal, on January, 2017.

Reviewer for Hydrological Sciences Journal (IAHS), on December, 2016.

Reviewer for Journal of Hydrology, on December, 2016.

Reviewer for Natural Hazards, on November, 2016.

Reviewer for Hydrology Research, on November, 2016.

Reviewer for Water Resources Management, on October, 2016.

Reviewer for Journal of Hydrology, on October, 2016.

Reviewer for Hydrology Research, on October, 2016.

Reviewer for Journal of Hydrology, on August, 2016.

Reviewer for Journal of Hydrologic Engineering (ASCE), on August, 2016.

Reviewer for Computers and Electronics in Agriculture, on July, 2016.

Reviewer for Hydrology Research, on June, 2016.

Reviewer for Hydrology Research, on June, 2016.

Reviewer for Natural Hazards, on May, 2016.

Reviewer for Stochastic Environmental Research and Risk Assessment, on May, 2016.

Reviewer for Journal of Hydrology, on April, 2016.

Reviewer for Journal of Engineering Research of Kuwait University, on April, 2016.

Reviewer for Journal of the Faculty of Engineering and Architecture of Gazi University, on March, 2016.

Reviewer for Water Resources Management, on February, 2016.

Reviewer for Neural Computing & Applications, on February, 2016.

Reviewer for Journal of Hydrology, on January, 2016.

Reviewer for Agricultural Water Management, on January, 2016.

Reviewer for Meteorological Applications, on December, 2015.

Reviewer for Journal of Mountain Science, on December, 2015.

Reviewer for Computers and Electronics in Agriculture, on December, 2015.

Reviewer for Neural Computing & Applications, on December, 2015.

Reviewer for Hydrological Sciences Journal (IAHS), on December, 2015.

Reviewer for Measurement, on October, 2015.

Reviewer for Journal of Irrigation and Drainage Engineering (ASCE), on October, 2015.

Reviewer for Journal of Coastal Conservation, on October, 2015.

Reviewer for Journal of Hydrology, on September, 2015.

Reviewer for Journal of Hydrologic Engineering (ASCE), on August, 2015

Reviewer for Theoretical and Applied Climatology, on August, 2015.

Reviewer for Solar Energy, on July, 2015.

Reviewer for Theoretical and Applied Climatology, on July, 2015.

Reviewer for Computers and Concrete, on May, 2015.

Reviewer for Journal of Hydrology, on May, 2015.

Reviewer for Hydrological Sciences Journal (IAHS), on April, 2015.

Reviewer for Hydrology Research, on April, 2015.

Reviewer for Journal of Hydrology, on April, 2015.

Reviewer Journal of Hydro-environment Research, on March, 2015.

Reviewer for Journal of Hydroinformatics, on February, 2015.

Reviewer for Theoretical and Applied Climatology, on February, 2015.

Reviewer for Journal of Hydrology, on February, 2015.

Reviewer for International Journal of Sustainable Society, on February, 2015

Reviewer for Journal of Hydrology, on February, 2015

Reviewer for Journal of Hydroinformatics, on January, 2015.

Reviewer for Applied Soft Computing, on January, 2015.

Reviewer for Theoretical and Applied Climatology, on January, 2015.

Reviewer for Irrigation Science, on January, 2015.

Reviewer for Meteorology and Atmospheric Physics, on December, 2014.

Reviewer for Journal of Hydrologic Engineering (ASCE), on December, 2014.

Reviewer for Journal of Hydrologic Engineering (ASCE), on November, 2014.

Reviewer for Journal of Hydrologic Engineering (ASCE), on October, 2014.

Reviewer for Neural Computing & Applications, on October, 2014.

Reviewer for Theoretical and Applied Climatology, on September, 2014.

Reviewer for Surveys in Geophysics, on September, 2014.

Reviewer for Hydrology Research, on September, 2014.

Reviewer for Journal of Computing in Civil Engineering (ASCE), on September, 2014.

Reviewer for Journal of Agricultural Science and Technology, on August, 2014.

Reviewer for Journal of Hydrology, on August, 2014.

Reviewer for Environmental Engineering and Management Journal, on July, 2014.

Reviewer for Journal of Hydrologic Engineering (ASCE), on July, 2014.

Reviewer for Hydrological Sciences Journal (IAHS), on July, 2014.

Reviewer for Journal of the American Water Resources Association, on June, 2014.

Reviewer for Journal of Hydrology and Hydromechanics, on May, 2014.

Reviewer for Neural Computing & Applications, on April, 2014.

Reviewer for Environmental Modelling & Software, on April, 2014.

Reviewer for Journal of Hydrologic Engineering (ASCE), on March, 2014.

Reviewer for Journal of Hydrologic Engineering (ASCE), on March, 2014.

Reviewer for Engineering Applications of Computational Fluid Mechanics, on March, 2014.

Reviewer for Hydrological Sciences Journal (IAHS), on March, 2014.

Reviewer for Journal of Hydrology, on February, 2014.

Reviewer for Journal of Hydrology, on December, 2013.

Reviewer for Journal_of_Agricultural Science, on December, 2013

Reviewer for Journal of Hydroinformatics, on December, 2013.

Reviewer for Water Resources Management, on December, 2013.

Reviewer for Desalination and Water Treatment, on December, 2013.

Reviewer for Journal of Hydrologic Engineering (ASCE), on December, 2013.

Reviewer for Journal of Climatology, on November, 2013.

Reviewer for Journal of Hydrology, on November, 2013.

Reviewer for Energy, on November, 2013.

Reviewer for Theoretical and Applied Climatology, on October, 2013.

Reviewer for Journal of Hydrology, on September, 2013.

Reviewer for Journal of Hydrologic Engineering (ASCE), on August, 2013.

Reviewer for Journal of Hydrology, on July, 2013.

Reviewer for Journal of Hydroinformatics, on July, 2013.

Reviewer for Water Resources Management, on June, 2013.

Reviewer for Theoretical and Applied Climatology, on June, 2013.

Reviewer for Journal of Hydroinformatics, on April, 2013.

Reviewer for Journal of Computing in Civil Engineering (ASCE), on April, 2013.

Reviewer for Neural Computing & Applications, on April, 2013.

Reviewer for Water Resources Management, on March, 2013.

Reviewer for Soft Computing, on March, 2013.

Reviewer for Theoretical and Applied Climatology, on February, 2013.

Reviewer for Water Resources Management, on February, 2013.

Reviewer for J. of the American Water Resources Association, on February, 2013.

Reviewer for Water Resources Management, on January, 2013.

Reviewer for Hydrology Research, on December, 2012.

Reviewer for Water Resources Management, on October, 2012.

Reviewer for Water Resources Management, on October, 2012.

Reviewer for Journal of Environmental Management, on October, 2012.

Reviewer for Fire Safety Journal, on October, 2012.

Reviewer for Environmetrics, on September, 2012.

Reviewer for Journal of Hydroinformatics, on September, 2012.

Reviewer for Theoretical and Applied Climatology, on September, 2012.

Reviewer for Neural Computing & Applications, on September, 2012.

Reviewer for Journal of Hydroinformatics, on August, 2012.

Reviewer for Water Resources Management, on August, 2012.

Reviewer for Journal of Hydrology, on August, 2012.

Reviewer for Engineering Applications of Computational Fluid Mechanics, on June, 2012.

Reviewer for Water Resources Management, on June, 2012.

Reviewer for Journal of Hydroinformatics, on June, 2012.

Reviewer for Journal of Urban and Environmental Engineering, on June, 2012.

Reviewer for Neural Computing & Applications, on June, 2012.

Reviewer for Earth Science Informatics, on May, 2012

Reviewer for Hydrology Research, on May, 2012.

Reviewer for International Journal of Global Warming, on April, 2012.

Reviewer for Journal of Irrigation and Drainage Engineering (ASCE), on April, 2012.

Reviewer for Kuwait J. of Sci. and Engineering, on April, 2012.

Reviewer for Hydrological Processes, on April, 2012.

Reviewer for Journal of Hydrology, on April, 2012.

Reviewer for Environmental Earth Sciences, on March, 2012.

- Reviewer for Journal of the Geological Society of India, on March, 2012.
- Reviewer for Engineering Applications of Computational Fluid Mechanics, on March, 2012.
- Reviewer for Water Resources Management, on February, 2012.
- Reviewer for TEKNIK DERGI (IMO), on January, 2012.
- Reviewer for Water Science and Technology, on January, 2012.
- Reviewer for Hydrological Sciences Journal (IAHS), on January, 2012.
- Reviewer for Journal of Hydroinformatics, on December, 2011.
- Reviewer for Computers & Geosciences, on December, 2011.
- Reviewer for Water Resources Research, on December, 2011.
- Reviewer for Stochastic Environmental Research and Risk Assessment, on November, 2011
- Reviewer for Journal of Hydroinformatics, on November, 2011.
- Reviewer for Journal of Hydrology, on November, 2011.
- Reviewer for Computers and Electronics in Agriculture, on November, 2011.
- Reviewer for Journal of Hydroinformatics, on November, 2011.
- Reviewer for Irrigation Science, on October, 2011.
- Reviewer for Hydrological Processes, on September, 2011.
- Reviewer for Expert System, on August, 2011.
- Reviewer for Applied Soft Computing, on August, 2011.
- Reviewer for Canadian Journal of Civil Engineering, on August, 2011.
- Reviewer for Journal of Hydrology, on August, 2011.
- Reviewer for Journal of Hydrologic Engineering (ASCE), on July, 2011.
- Reviewer for Journal of Hydroinformatics, on June, 2011.
- Reviewer for Journal of Climatology, on June, 2011.

Reviewer for International J. of Natural Resources and Marine Sciences, on May, 2011.

Reviewer for Journal of Earth System Science, on April, 2011.

Reviewer for Hydrological Sciences Journal (IAHS), on April, 2011.

Reviewer for ASCE J. of Energy Engineering, on April, 2011.

Reviewer for Hydrological Processes, on March, 2011.

Reviewer for Water Science and Technology, on March, 2011.

Reviewer Journal of Hydro-environment Research, on March, 2011.

Reviewer for Journal of Hydraulic Engineering (ASCE), on February, 2011.

Reviewer for Hydrological Processes, on February, 2011.

Reviewer for Journal of Hydroinformatics, on February, 2011.

Reviewer for Hydrological Sciences Journal (IAHS), on January, 2011.

Reviewer for Water Resources Management, on January, 2011.

Reviewer for Hydrological Processes, on January, 2011.

Reviewer for Ocean Engineering on December, 2010.

Reviewer for Int. J. of River Basin Management on December, 2010.

Reviewer for Hydrological Processes, on November, 2010.

Reviewer for Journal of Hydrology, on November, 2010.

Reviewer for Scientific Research and Essays, on November, 2010.

Reviewer for Expert Systems, on November, 2010.

Reviewer for Journal of Hydroinformatics, on November, 2010.

Reviewer for Journal of Irrigation Science, on November, 2010.

Reviewer for Journal of Irrigation Science, on November, 2010.

Reviewer for Water Resources Management, on October, 2010.

Reviewer for Int. J. of River Basin Management on October, 2010.

Reviewer for Flow Measurement and Instrumentation, on October, 2010.

Reviewer for Journal of Earth System Science, on October, 2010.

Reviewer for Water SA, on October, 2010.

Reviewer for Advances in Engineering Software, on September, 2010.

Reviewer for Scientific Research and Essays, on September, 2010.

Reviewer for Environmental Fluid Mechanics, on September, 2010.

Reviewer for Advances in Engineering Software, on September, 2010.

Reviewer for Journal of Hydrologic Engineering (ASCE), on August, 2010.

Reviewer for Journal of Hydrology, on August, 2010.

Reviewer for Advances in Engineering Software, on August, 2010.

Reviewer for Water Resources Research, on July, 2010.

Reviewer for Advances in Engineering Software, on July, 2010.

Reviewer for Environmental Engineering Science, on June, 2010.

Reviewer for Advances in Engineering Software, on June, 2010.

Reviewer for Scientia Agricola, on June, 2010.

Reviewer for Water Resources Management, on June, 2010.

Reviewer for Journal of Hydrology, on May, 2010.

Reviewer for Journal of Irrigation and Drainage Engineering (ASCE), on May, 2010.

Reviewer for Environmental Fluid Mechanics, on April, 2010.

Reviewer for Journal of Irrigation Science, on April, 2010.

Reviewer for Advances in Engineering Software, on April, 2010.

Reviewer for Journal of Hydroinformatics, on April, 2010.

Reviewer for International Journal of the Physical Sciences, on April, 2010.

Reviewer for Hydrological Processes, on March, 2010.

Reviewer for Applied Soft Computing, on March, 2010.

Reviewer for KSCE Journal of Civil Engineering, on March, 2010.

Reviewer for Water Resources Research, on February, 2010.

Reviewer for Journal of Irrigation Science, on February, 2010.

Reviewer for Journal of Hydroinformatics, on January, 2010.

Reviewer for Agricultural Water Management, on January, 2010.

Reviewer for Journal of Irrigation Science, on January, 2010.

Reviewer for Nondestructive Testing and Evaluation, on December, 2009.

Reviewer for Water Resources Management, on December, 2009.

Reviewer for Water Resources Research, on December, 2009.

Reviewer for Computers and Electronics in Agriculture on November, 2009.

Reviewer for CLEAN – Soil, Air, Water, on November, 2009.

Reviewer for Advances in Engineering Software, on October, 2009.

Reviewer for Gazi University Isı Bilimi ve Tekniği Dergisi, on September, 2009.

Reviewer for Advances in Engineering Software, on September, 2009.

Reviewer for Advances in Engineering Software, on September, 2009.

Reviewer for Advances in Engineering Software, on August, 2009.

Reviewer for Advances in Engineering Software, on August, 2009.

Reviewer for Journal of Hydroinformatics, on August, 2009.

Reviewer for Water Resources Management, on July, 2009.

Reviewer for Journal of Hydrologic Engineering (ASCE), on July, 2009.

Reviewer for Journal of Irrigation and Drainage Engineering (ASCE), on July, 2009.

Reviewer for Journal of Hydroinformatics, on May, 2009.

Reviewer for Water Resources Management, on May, 2009.

Reviewer for Environmental Modelling & Software, on May, 2009.

Reviewer for Journal of Hydrologic Engineering (ASCE), on March, 2009.

Reviewer for Geo-Marine Letters, on March, 2009.

Reviewer for Hydrological Processes, on March, 2009.

Reviewer for Advances in Engineering Software, on February, 2009.

Reviewer for Advances in Engineering Software, on February, 2009.

Reviewer for Hydrological Processes, on January, 2009.

Reviewer for River Research and Applications, on December, 2008.

Reviewer for Kuwait J. of Sci. and Engineering, on December, 2008.

Reviewer for Journal of Hydrology Research, on December, 2008.

Reviewer for Journal of Irrigation Science, on December, 2008.

Reviewer for Indian Journal of Engineering & Materials Sciences, on November, 2008.

Reviewer for Water Resources Research, on November, 2008.

Reviewer for CLEAN – Soil, Air, Water, on November, 2008.

Reviewer for Water Resources Management, on October, 2008.

Reviewer for Water and Environment Journal, on October, 2008.

Reviewer for Environmental Fluid Mechanics, on October, 2008.

Reviewer for Hydrological Processes, on September, 2008.

Reviewer for Journal of Irrigation Science, on August, 2008.

Reviewer for Journal of Hydrologic Engineering (ASCE), on August, 2008.

- Reviewer for Advances in Engineering Software, on July, 2008.
- Reviewer for Advances in Engineering Software, on July, 2008.
- Reviewer for Journal of Irrigation and Drainage Engineering (ASCE), on June, 2008.
- Reviewer for Canadian J. of Civil Eng, on June, 2008.
- Reviewer for Advances in Engineering Software, on June, 2008.
- Reviewer for Hydrological Processes, on June, 2008.
- Reviewer for Water Resources Research, on May, 2008.
- Reviewer for Hydrological Sciences Journal (IAHS), on May, 2008.
- Reviewer for Stochastic Environmental Research and Risk Assessment, on April, 2008.
- Reviewer for CMES, Computer Modeling in Engineering & Sciences, on April, 2008.
- Reviewer for Advances in Engineering Software, on April, 2008.
- Reviewer for Advances in Engineering Software, on March, 2008.
- Reviewer for Journal of Hydrologic Engineering (ASCE), on February, 2008.
- Reviewer for Journal of Urban and Environmental Engineering, on January, 2008.
- Reviewer for Soft Computing, on January, 2008.
- Reviewer for Applied Mathematical Modelling, on December, 2007.
- Reviewer for Journal of Hydrology, on December, 2007.
- Reviewer for Journal of Hydrologic Engineering (ASCE), on December, 2007.
- Reviewer for Hydrological Sciences Journal (IAHS), on Nowember, 2007.
- Reviewer for Hydrological Processes, on September, 2007.
- Reviewer for Water and Environment Journal, on September, 2007.
- Reviewer for Computers & Fluids, on September, 2007.
- Reviewer for Journal of Environmental Management, on September, 2007.

Reviewer for Journal of Hydrology, on August, 2007.

Reviewer for Hydrological Sciences Journal (IAHS), on June, 2007.

Reviewer for Water Resources Research, on June, 2007.

Reviewer for CATENA, on April, 2007.

Reviewer for Hydrological Sciences Journal (IAHS), on March, 2007.

Reviewer for Hydrological Sciences Journal (IAHS), on January, 2007.

Reviewer for Journal of Environmental Management, on December, 2006.

Reviewer for Journal of Coastal Research, on September, 2006.

Reviewer for Hydrological Sciences Journal (IAHS), on August, 2006.

Reviewer for Hydrological Processes, on May, 2006.

Reviewer for Hydrological Sciences Journal (IAHS), on April, 2006.

Reviewer for Water Resources Research, on April, 2006.

Reviewer for Environmental Fluid Mechanics, on February, 2006.

Reviewer for Neurocomputing, Elsevier, on December, 2005.

Reviewer for Hydrological Sciences Journal (IAHS), on June, 2005

Reviewer for Hydrological Sciences Journal (IAHS), on December, 2004.

Reviewer for Journal of Irrigation and Drainage Engineering (ASCE), on July, 2004.

Reviewer for Hydrological Sciences Journal (IAHS), on April, 2004.

Reviewer for Hydrological Sciences Journal (IAHS), on August, 2003.

Reviewer for University of Nis Faculty of Civil Engineering and Architecture, Serbia (monograph evaluation), on October, 2008.

Expert for the evaluation of Ph.D. Thesis:

Expert for the evaluation of Ph.D. Thesis of Vivien Lai Mei Yen, a candidate for the award of Ph.D. Degree", on Engineering, Universiti Tunku Abdul Rahman, on March, 2023.

Expert for the evaluation of Ph.D. Thesis of Nishant Kumar, a candidate for the award of Ph.D. Degree”, Electrical and Instrumentation Engineering Department, Thapar Institute of Engineering & Technology, on September, 2021.

Expert for the evaluation of Ph.D. Thesis of Pavitra Kumar, a candidate for the award of Ph.D. Degree”, Faculty of Engineering, University of Malaya, on March, 2021.

Expert for the evaluation of Ph.D. Thesis of Zacarias Gulliver Acevedo, a candidate for the award of Ph.D. Degree in " Fluvial Dynamics and Hydrology Research Group, Department of Agronomy”, University of Cordoba, on December, 2020.

Expert for the evaluation of Ph.D. Thesis of Mozafar Ansari, a candidate for the award of Ph.D. Degree in "Water Resources Engineering”, University of Malaya, on September, 2020.

Expert for the evaluation of Ph.D. Thesis of Taher J. M. Abunama, a candidate for the award of Ph.D. Degree in "Hydrology”, Savitribaiophule University of Malaya, on March, 2019.

Expert for the evaluation of Ph.D. Thesis of Maryam Hamouleh Kheirullahpour, a candidate for the award of Ph.D. Degree”, Institute for Advanced Studies, University of Malaya, on November, 2018.

Expert for the evaluation of Ph.D. Thesis of Kh. Mahfuz Ud Darain, a candidate for the award of Ph.D. Degree”, Faculty of Engineering, University of Malaya, on October, 2016.

Expert for the evaluation of Ph.D. Thesis of Pradnya R. Dixit, a candidate for the award of Ph.D. Degree in " Hydrology”, Savitribaiophule Pune University, on September, 2016.

Expert for the evaluation of Ph.D. Thesis of Patil Amit Prakash, a candidate for the award of Ph.D. Degree in "Hydrology”, National Institute of Technology Karnataka, on July 2016.

Expert for the evaluation of Ph.D. Thesis of Nandita Singh, a candidate for the award of Ph.D. Degree in " Department of Earth Sciences”, Indian Institute of Technology, on March 2014.

Expert for the evaluation of Ph.D. Thesis of Anil Kumar Kar, a candidate for the award of Ph.D. Degree in "Civil and Environmental Technology”, Indian Institute of Technology, on September 2011.

Expert for the evaluation of Ph.D. Thesis of Anil Kumar Lohani, a candidate for the award of Ph.D. Degree in " Hydrology”, Indian Institute of Technology, on March, 2008.

Thesis supervision:

MSc

Mariam Idowu, "Investigating the relationships between streamflow and climatic variables in northern Germany and developing prediction model by improved machine learning methods using ground- and satellite-based data", Lübeck University of Applied Science, 2023 (ongoing).

Edris Jahanpanah, "Estimation of discharge with free overfall in rectangular channel using artificial intelligence models", University of Kurdistan, (ongoing).

Vahdettin Demir, "Flood hazard mapping by using geographic information system and hydraulic model: Mert River, Samsun, Turkey", Canik Basari University, 2015.

Halil İbrahim Fedakar, "River suspended sediment concentration modelling using fuzzy genetic approach", Erciyes University, 2012.

Ersin Yaşı, "Wavelet neural networks for estimating short-term and long-term streamflows", Erciyes University, 2010.

Yasin Kılıç, "Modeling evapotranspiration using artificial neural networks and comparison with empirical methods", Erciyes University, 2010.

Mehmet Güneş, "Modeling lake level fluctuations of Sultan Sazligi using wavelet neural networks", Erciyes University, 2010.

Fatih Cevat, "Determination of river stage-discharge relationship using artificial intelligence methods", Erciyes University, 2009.

Necmiye Nas, "River sediment load modelling using artificial intelligence techniques", Erciyes University, 2008.

Selcan Afşar, "Pan evaporation estimation using artificial neural networks and fuzzy logic approaches", Erciyes University, 2008.

PhD

Mohammad Ehteram, "Applying evolutionary algorithms in operation of reservoirs", Semnan University, (ongoing).

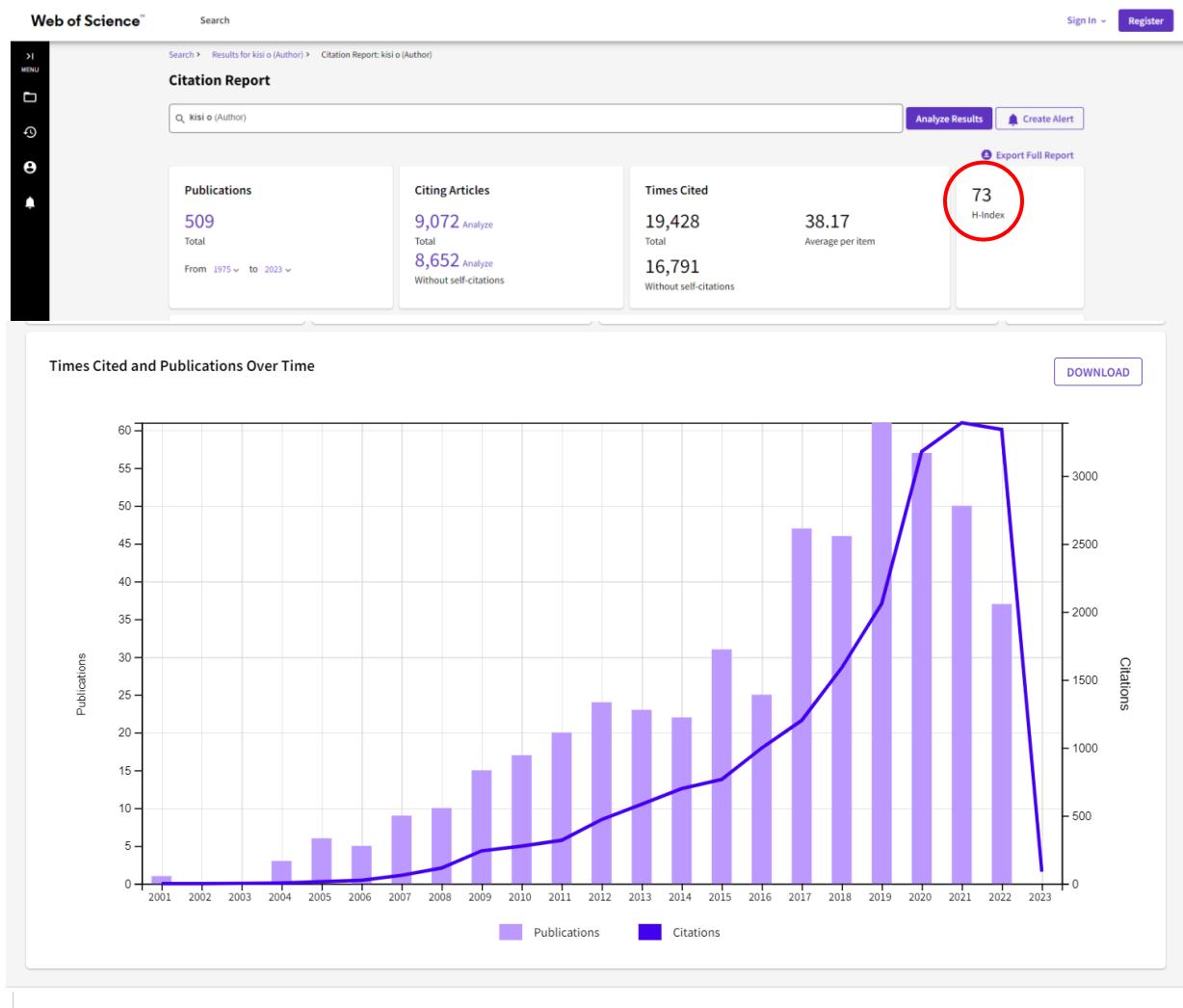
Levent Latifoglu, "Hydrologic forecasting using Hilbert Huang transform", Erciyes University, 2017.

Murat Ay, "Modeling water quality parameters using artificial intelligence techniques, 2014.

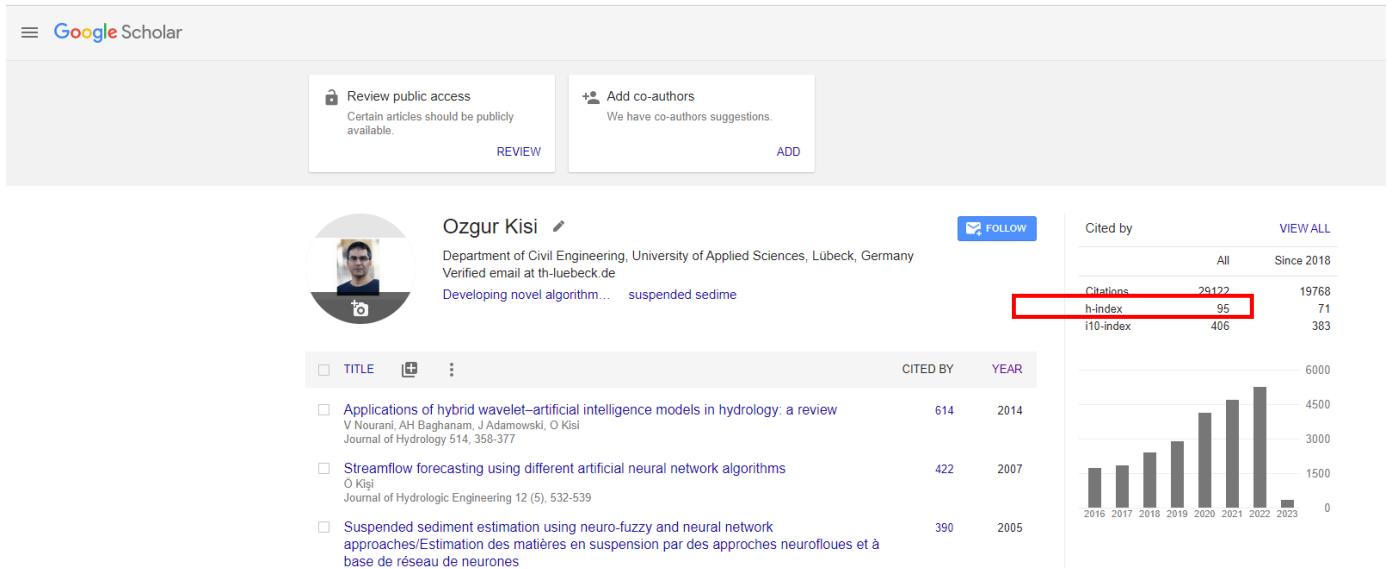
Ömer Bilhan, "Prediction of lateral outflow over triangular labyrinth side weirs using soft computing approaches", Firat University, 2011.

Citation statistics:

According to the Web of Science (h-index: 73)



According to the Google Scholar (h-index: 95)



AWARDS

- 2006 Tison Award (given by the International Association of Hydrological Sciences (IAHS), URL: <http://iahs.info/About-IAHS/Competition--Events/Tison-Award/Tison-Award-winners/OKisi.do>)
- 2006 Popular Science Award (given by the Popular Science Journal)
- Scientific Encouragement Award (Erciyes University President), 2006.
- Scientific Publication Honour Award for 2006 (Erciyes University Engineering Faculty)
- Distinguished Young Scientist Award, (FABED, Fevzi Akkaya Foundation for Scientific Research, URL: https://www.fabed.com/sonuclar.php?p=2007_basari), 2007.
- Scientific Publication Honour Award for 2007 (Erciyes University Engineering Faculty)
- Scientific Publication Honour Award for 2008 (Erciyes University Engineering Faculty)
- Scientific Publication Honour Award for 2010 (Erciyes University Engineering Faculty)
- Scientific Publication Honour Award for 2011 (Erciyes University Engineering Faculty)
- Scientific Publication Honour Award for 2014 (Basari University)
- Scientific Publication Honour Award for 2015 (Basari University).

- In 2019, 7th rank in the field of Environmental Engineering in the world according to the database developed by the researchers from Stanford University (<https://drive.google.com/file/d/1bUJrvurVVBbxSl9eFZRSHFif7tt30-5U/view>).
- Best Reviewer Award given by Hydrological Sciences Journal, 2020.
- In 2020, 8th and 9th ranks in the fields of Environmental Engineering and Meteorology & Atmospheric Sciences in the world according to the updated database developed by the same researchers from Stanford University (<https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3>).
- Distinguished Scientist Award (golden medal), Ilia State University, 2021.
- He was selected as the highly cited researcher by the Clarivate in 2021 (https://recognition.webofscience.com/awards/highly-cited/2021/?utm_campaign=EM1_Highly_Cited_Researchers_SAR_Global_2021_Recipients_EN&utm_medium=email&utm_source=Eloqua).
- In 2021, 5th and 6th ranks in the fields of Environmental Engineering and Meteorology & Atmospheric Sciences in the world according to the updated database developed by the same researchers from Stanford University (<https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/4>).
- 2023 Best Discussion Award (EWRI-ASCE).

LANGUAGE

Turkish, native language
 English
 Georgian (beginner level)

COMPUTER EXPERIENCE

<i>Operating systems:</i>	Windows.
<i>Software:</i>	MS Excel, MS Word, MS Power Point, Matlab.
<i>Programming languages:</i>	MATLAB (good).

PROFESSIONAL MEMBERSHIPS

Principal member of Turkish Academy of Science (selected in 2012)
 American Society of Civil Engineers
 IAHS (International Association of Hydrological Sciences)
 IAMG (International Association for Mathematical Geosciences)
 Fuzzy Logic and Technology Club in ITU.

HOBBIES

Gymnastics
WingTsun (kung fu)
Swimming
Chess
Draughts

REFERENCES

Vijay Singh, Distinguished Professor and Regents Professor, Caroline & William N. Lehrer Distinguished Chair in Water Engineering, Email: vsingh@tamu.edu

Latif Kalin, Professor, School of Forestry & Wildlife Sciences, Associate Director, Center for Environmental Studies at the Urban-Rural Interface, Auburn University, Auburn, USA. kalinla@auburn.edu

Sungwon Kim, Professor, Department of Railroad and Civil Engineering, Dongyang University, Yeongju, 750-711, Republic of Korea. 82-54-630-1241. swkim1968@dyu.ac.kr

Andrea Petroselli, Associate Professor of Hydrology and Hydraulics, Rector Delegate for Sustainability Department of Economy, Engineering, Society and Business (DEIM), Tuscia University, Viterbo, Italy. Tel: +39 0761 357348 (direct), fax: +39 0761 357250, e-mail: petro@unitus.it

Tefaruk Haktanir, Professor, Department of Civil Engineering, Hydraulics Division, Erciyes University, Kayseri, Turkey. + 90-352 437 4937 / 32325. thaktan@erciyes.edu.tr

Ravinesh Deo, Senior Lecturer, School of Agricultural, Computational and Environmental Sciences, University of Southern Queensland, Australia. +61 7 3470 4430 / 4430. Ravinesh.Deo@usq.edu.au

Celso A. G. Santos, Professor, Department of Civil and Environmental Engineering, Federal University of Paraíba, Brazil. +55-83 32167684 / 27. celso@ct.ufpb.br