*Hüseyin Gökçekuş, Professor, Dean of Civil and Environmental Engineering Faculty, , Near East University, 99138, Lefkoşa, Turkish Republic of Northern Cyprus (TRNC)*

Prof. Dr. Gökçekuş completed his undergraduate studies in Geological Engineering at Ankara University in 1982. He pursued a Master's degree at Middle East Technical University (METU) while working as a research assistant in the Geological Engineering Department from 1983 to 1990. In 1990, he obtained his Ph.D. degree in the same department. Throughout his career, he achieved various academic advancements. He was promoted to Assistant Professor in 1992, Associate Professor in 1994, and Professor in 2001. He held leadership positions at the university, including Department Head of Civil Engineering, Head of the Department of Student Affairs, Acting Rector, and General Secretary. In 2010, he was elected as a Member of YÖDAK by the TRNC Parliament and appointed as the General Coordinator of Water in the Turkish Republic of Northern Cyprus Ministry of Agriculture and Natural Resources Project. He became the First Term President of the International Universities Search and Rescue Council in 2012 and Head of the Higher Education Board (YÖDAK) of the Turkish Republic of Northern Cyprus in 2013. In 2014, he was elected as a Member of the Managing Board of the Association of Quality Assurance Agencies of the Islamic World in Bahrain. Furthermore, He served as the Head of the Disciplinary Board, a Member of the University Senate, and a Member of the NEU Managing Board. Currently, he is the Dean of the Civil and Environmental Engineering Faculty as well as the board chairman of the Energy, Environment, and Water Research Center (ENÇESU). He has supervised numerous Ph.D. and MS students and published extensively in peer-reviewed journals indexed in Web of Science, Scopus, and other internationally indexed, conference proceedings, and books (about 300 manuscripts). He organized many national and international symposiums and congresses. He is also an editor and member of editorial boards for several international journals. His research area of interest is engineering subjects related to water resources, climate change, sustainability, smart cities, and clean energy. He is a lecturer for various engineering subjects related to natural resources, particularly water and renewable energy, climate change, the environment, and sustainability.

**ÖZGEÇMİŞ**

**1. Adı Soyadı :** Hüseyin Gökçekuş

**2. Doğum Tarihi :** 23/12/ 1960

**3. Unvanı :** Profesör

**4. Öğrenim Durumu :** Doktora

**5. Çalıştığı Kurum :** Yakın Doğu Üniversitesi

|  |  |  |  |
| --- | --- | --- | --- |
| **Derece** | **Alan** | **Üniversite** | **Yıl** |
| Lisans | Jeoloji Mühendisliği Bölümü (Geological Engineering Department) | Ankara Üniversitesi (Ankara University) | 1982 |
| Y. Lisans | Jeoloji Mühendisliği Bölümü/ Hidrojeoloji (Geological Engineering Department/ Hydrogeology ) | Ankara Üniversitesi (Ankara University) | 1984 |
| Doktora | Jeoloji Mühendisliği Bölümü/ Hidrojeoloji (Geological Engineering Department/ Hydrogeology ) | Orta Doğu Teknik Üniversitesi (Middle East Technical University) | 1990 |

**6. Akademik Unvanlar**

Yardımcı Doçentlik Tarihi : Yakın Doğu Üniversitesi 01 Mart 1992

Doçentlik Tarihi : Yakın Doğu Üniversitesi 28 Ekim 1994

Profesörlük Tarihi : Yakın Doğu Üniversitesi 03 Aralık 2001

**7. Yönetilen Yüksek Lisans ve Doktora Tezleri (2018-2023)**

**7.1. Yüksek Lisans Tezleri -Tamamlandı**

* Aldubai, S. Y. M. S. (2018). Effect Of Quarry Dust Enhancement Of Volume Change Characteristics Of Expensive Clays
* Ghith, S. A. S. M. (2018). The Role Of Private Sector For Building Urban Resilience
* Negewo, Y. E. (2019). ANN Prediction Of Unconfined Compressive Strength Development Of Cement Mortar
* Abdulhadi, N. (2019). The Challenges Of Sustainable Construction In Syria As A Case Study
* Al Zoubi, R. (2019). Rooftop Building Renewable Power System at Three Regions in North Cyprus.
* Shama, H., (2019). Analysis of Different Combination of Meteorological Wind Speed with Different Predictive Tool's A Case Study.
* Al Falah ,M. (2019). Modeling Of Wind Potential And Designing A Savonius Vertical Axis Wind Turbine For Urban Environment: Numerical, Experimental Study, And Economic Analysis.
* Mekonnen, Y. (2019). Assessments Of Urban Domestic Water Supply Challenges In Injibara Town, Ethiopia.
* Hadji, N. (2019). Evaluation of Solar Energy Potential in Ethiopia as Power Generation Source: A case Study at 100 Selected Cities.
* Aljamal, J. (2020). Modeling And Forecasting of Monthly Rainfall Using Mathematical Models and Machine Learning Models: A Case Study In Morphou, Northern Cyprus
* Alijl, N. A. (2020). Flash Flood Risk Assessment Based On Historical Measured and Satellite Daily Rainfall Data: Kyrenia Region, Northern Cyprus
* Kakil, A. K. (2020). The Sequencing Batch Process For The Removal Of Organic Carbon And Nutrients
* Tofıghi, R. J. (2021). Forecasting Megacity Pollutants Using Classics and Emotional Artificial Neural Networks
* Yunusa, N. (2021). Explorıng solar and wınd energy as a alternatıve power source for solvıng the electrıcıty crısıs ın Nigerıa
* Gökçekuş, R. (2021). Modeling predictive suitability to estimate the potential of wind and solar energy to power water desalination units in Güzelyurt region, Northern Cyprus
* Tawalbeh, M. (2022). Geospatial of Solar And Wind Energy Potential Assessment in Cyprus
* Abdalsamad, T. A. (2022). Statistical and Machine Learning Techniques Applied to The Prediction of Total Rainfall In Urban Cities, Northern Part of Iraq
* Mphinyane, L. P. (2022). Analyzing How Hydro-Climatological Parameters Affect Water Level Using Machine Learning Models – Gaborone Dam, Botswana
* Yarkpawolo Jr, S. (2022). Identification of The Most Suitable Probability Distribution Models for Daily And Monthly Rainfall Series in Liberia
* Yusuf, A. M. (2022). Correcting and Modeling Monthly Rainfall Based on Climate Parameters: Case Study of Somalia
* Furaıjy, Q. A. S. (2022) Archıtectural Integratıon of Photovoltaıc Into Resedıntıal Buıdlıngs Towrds Urban Sustaınabılıty: Case of Iraq

**7.2. Yüksek Lisans Tezleri -Tamamlanmamış**

* Woyea, L. T. (2023). Benifets of solar and wind energy as electicity generation soucrs for Liberia
* Surfia, T. (2023). Solar energy potential and Techno-economic feasibility of small-scalle solar system at 100 locations in Lebanon
* Nweke, K. I. (2023). Exploring water resources development and renewable energy sources as a energy Generation Source for a new Nigeria.

**7.3. Doktora Tezleri -Tamamlandı**

* Alas, M. (2021). The Performance Characteristics of Polymer Nanocomposite Modified Binders and Asphalt Mixtures
* Uwanuakwa, I. (2021). Investigation on the Perfomance of Polymer Modified Asphalt Binder
* Umar, I. U. (28-1-2022). Artificial intelligence based models for prediction of vehicular traffic noise
* Yahya, M. N. (11-03-2022). Ammonia Recovery From Wastewater Containing Urea Using An Enzyme Membrane Reactor (EMR)
* Alrahmman, M. A. (29-04-2022). Public Private Partnership (PPP) In Construction Project’s: Critical Success Factors (CSF) And The Development of A Practical Framework For Selecting The Optical Risk Assessment Factors
* Güvensoy, A. (30-05-2022). Identification of the Solar Energy Potential as a Driver of Sustainable Development in Northern Cyprus using BIM and Techno-economic Modeling
* Alothman, D. (17-06-2022). Evaluatıon Of The Performance Characterıstıcs Of Asphalt Bınders And Mıxtures Contaınıng Warm Addıtıve Modıfıed Wıth Nano-Sılıca
* Kebede, G., G. (24-06-2022). Hybrid Physical-Artificial Intelligence-Based Modeling For Rainfall-Runoff-Sediment Process, Case of Katar Catchment, Ethiopia
* Lafamo, T. G. (24-06-2022). Ensemble Rainfall Ensemble Runoff Modeling Using Rain Gauge And Satellite-Based Data, Case of Gilgel Abay, Ethiopia
* Abazid, M. (15-12-2022). Implementation of Total Quality Management and the Integration of Buılding Information Modeling in the Constructıon Management Sector in Saudi Arabia.

**7.4. Doktora Tezleri - Tamamlanmamış**

* Jafariroodsari, S. Artificial Recharge Modeling By Artificial Intelligence Tools
* Alijl , N. Worry about Climate change and urban flooding risk preparedness: A case study of Kyrenia (Northern Cyprus) and Dead Sea (Jordan)
* Rizza, T. Relating Groundwater Levels and Quality with Meteorological Parameters using Quadratic, Poisson Regression Models, Machine Learning Technique and GIS
* Dannoun, Y. Global Climate Change Adaptation in Smart Cities: A case study in Northern Cyprus
* Hassan, N. A. Comparison of Building Information Modeling (BIM) Implementation in Developed and Developing Countries in North Africa and Middle East: Waste Management Perspective
* Gökçekuş, R. Selecting an economically suitable and Sustainable solution for a renewable energy-powered water desalination system: A case study from Northern Cyprus
* Bolouri, F. Predicting Climate change using artificial intelligence and preventing it by implementing possible policies with a systems dynamics approach in Cyprus

**8. Yayınlar (2018-2023)**

**8.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI, SSCI, Arts and Humanities)**

* Nourani, V., Baghanam, A. H., &Gokcekus, H. (2018). Data-driven ensemble model to statistically downscale rainfall using nonlinear predictor screening approach. Journal of Hydrology, 565, 538-551. doi:10.1016/j.jhydrol.2018.08.049.
* Gökcekus, H., Iravanian, A., Türker, U., Oguz, G., Sözen, S., &Orhon, D. (2018). Massive freshwater transport: A new dimension for integrated water-wastewater management in North Cyprus. Desalination and Water Treatment, 132, 215-225. doi:10.5004/dwt.2018.23135.
* Gökçekuş, H., Yahya, M.N., Paul, P., & Orhon, D. (2019). Experimental basis of an emergency filtration system treating river flood water for rural areas in developing countries. Desalinatıon and Water Treatment, 152, 133-138. Doi:10.5004/dwt.2019.23982
* Insel, G., Sözen, S., Yucel, A. B., Gökçekuş, H., &Orhon, D. (2019). Assessment of anoxic volume ratio based on hydrolysis kinetics for effective nitrogen removal: model evaluation. Journal of Chemical Technology & Biotechnology, 94(6), 1739-1751. Doi:10.1002/jctb.5935
* Sharghi, E., Nourani, V., Najafi, H., &Gokcekus, H. (2019). Conjunction of a newly proposed emotional ANN (EANN) and wavelet transform for suspended sediment load modeling. Water Supply, 19(6), 1726-1734. Doi:10.2166/ws.2019.044
* Nourani, V., Davanlou Tajbakhsh, A., Molajou, A., &Gokcekus, H. (2019). Hybrid Wavelet-M5 Model Tree for Rainfall-Runoff Modeling. Journal of Hydrologic Engineering, 24(5), 04019012. doi:10.1061/(asce)he.1943-5584.0001777.
* Sharghi, E., Nourani, V., AliAshrafi, A., &Gokcekus, H. (2019). Monitoring effluent quality of wastewater treatment plant by clustering based artificial neural network method. Desalination and Water Treatment, 164, 86-97.doi:10.5004/dwt.2019.24385
* Aşıksoy, G., Isa, N. A., & Gökçekuş, H. (2020). The role of mass media and level of education in spreading Environmental sustainability awareness in developing countries. Desalination And Water Treatment, 177, 237-241. doi:10.5004/dwt.2020.24833
* Yahya, M. N., Gökçekuş, H., Ozsahin, D. U., & Uzun, B. (2020). Evaluation of wastewater treatment technologies using TOPSIS. Desalination And Water Treatment, 177, 416-422. doi:10.5004/dwt.2020.25172
* Nourani, V., Gökçekuş, H., Umar, I. K., & Najafi, H. (2020). An emotional artificial neural network for prediction of vehicular traffic noise. Science of The Total Environment, 707, 136134. doi:10.1016/j.scitotenv.2019.136134
* Nourani, V., Gökçekuş, H., & Umar, I. K. (2020). Artificial intelligence based ensemble model for prediction of vehicular traffic noise. Environmental Research, 180, 108852. doi:10.1016/j.envres.2019.108852
* Kassem, Y., & Gökçekuş, H. (2020). Water resources and rainfall distribution function: A case study in ‎Lebanon. Desalination And Water Treatment, 177, 306-321. doi:10.5004/dwt.2020.24811
* Gökçekuş, H., Orhon, D., Kebede, G. G., Abate, B., Narayanan, K., & Sözen, S. (2020). Management strategy for safe drinking water in developing countries – A case study for Assela, Ethiopia. Desalination And Water Treatment, 177, 322-329. doi:10.5004/dwt.2020.25225
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* Gökçekuş, H., Kassem, Y., & Aljamal, J. (2020). Analysis of different combinations of meteorological parameters in ‎predicting rainfall with an ANN‎ approach: A case study in Morphou, ‎Northern Cyprus. Desalination And Water Treatment, 177, 350-362. doi:10.5004/dwt.2020.24988
* Gökçekuş, H., Orhon, D., Oğuz, G., Yücel, A., & Sözen, S. (2020). Integrated water and wastewater management strategy in North Cyprus – basis for an action plan. Desalination And Water Treatment, 177, 384-392. doi:10.5004/dwt.2020.25019
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* Gichamo, T., Gökçekuş, H., Ozsahin, D. U., Gelete, G., & Uzun, B. (2020). Evaluation of different natural wastewater treatment alternatives by fuzzy PROMETHEE method. Desalination And Water Treatment, 177, 400-407. doi:10.5004/dwt.2020.25049
* Gelete, G., Gokcekus, H., Ozsahin, D. U., Uzun, B., & Gichamo, T. (2020). Evaluating disinfection techniques of water treatment. Desalination And Water Treatment, 177, 408-415. doi:10.5004/dwt.2020.25070
* Elkiran, G., Dahiru, A., & Gokcekus, H. (2020). Water resources management and trend of water use in North Cyprus. Desalination And Water Treatment, 177, 264-274. doi:10.5004/dwt.2020.25021
* Başaran, S. T., Gökçekuş, H., Orhon, D., & Sözen, S. (2020). Autonomous desalination for improving resilience and sustainability of water management in North Cyprus. Desalination And Water Treatment, 177, 283-289. doi:10.5004/dwt.2020.25090
* Gökçekuş, H. (2020). 2nd International Conference on Water Problems in the Mediterranean Countries (WPMC), 6–10 May 2019, Lefkoşa, Turkish Republic of Northern Cyprus - Editorial. Desalination And Water Treatment, 177, 236-236. doi:10.5004/dwt.2020.25232
* Kassem, Y., & Gökçekuş, H. (2021). Do Quadratic and Poisson Regression Models help to predict monthly rainfall? Desalination and Water Treatment. doi: 10.5004/dwt.2020.26397
* Kassem, Y., Gökçekuş, H, Çamur, H., Esenel, E. (2021). Application of Artificial Neural Network, Multiple Linear Regression, and Response Surface Regression Models in the Estimation of Monthly Rainfall in Northern Cyprus. Desalination and Water Treatment. doi:10.5004/dwt.2020.26525
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* Yahya,M. N., Umar, I.K, Ibrahim, A., & Gokcekus, H. (2021). Water Quality Evaluation of some Boreholes and Dug Wells in Kano-Nigeria. Desalination and Water Treatment. doi: 10.5004/dwt.2021.26819
* Gebre Gelete; Huseyin Gokcekus; Tagesse Gichamo (2021). Impact of Climate change on the hydrology of Blue Nile basin, Ethiopia: A review, Journal of Water and Climate Change,11(4), 1539–1550. https://doi.org/10.2166/wcc.2019.014
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* ALMuhisen, M., Gökçekuş, H. & Çelik, T. (2021). Developing an AHP Risk Assessment Model for PPP Projects in Jordan Abstract. Journal of Engineering Research. https://doi.org/10.36909/jer.10543
* Gokcekus, H., Ozsahin, D. U., Eini, N., Uzun, B. (2021). Evaluating and Selecting the Best Domestic Water Standards. Desalination and Water Treatment. Doi: 10.5004/dwt.2021.26561
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* Nourani, V., Gökçekuş, H., & Gichamo, T. (2021). Ensemble data-driven rainfall-runoff modeling using multi-source satellite and gauge rainfall data input fusion. Earth Science Informatics, 1-22. https://doi.org/10.1007/s12145-021-00615-4
* Sözen, S., Yüzer, E., Duba, S., Gökçekuş, H., Dogru, A. O., Senel, G., ... & Orhon, D. (2021). Water management for Istanbul: collapse or survival. Environmental Earth Sciences, 80(7), 1-16. https://doi.org/10.1007/s12665-021-09563-0
* Kassem, Y., Gökçekuş, H., & Maliha, M. R. (2021). Identifying most influencing input parameters for predicting chloride concentration in groundwater using an ANN approach. Environmental Earth Sciences, 80(7), 1-16. <https://doi.org/10.1007/s12665-021-09541-6>
* Yahya, M. N., Gökçekuş, H., Orhon, D., Keskinler, B., Karagunduz, A., & Omwene, P. I. (2021). A Study on the Hydrolysis of Urea Contained in Wastewater and Continuous Recovery of Ammonia by an Enzymatic Membrane Reactor. Processes, 9(10), 1703. https://doi.org/10.3390/pr9101703
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* Gokcekus, H., Orhon, D., Duba, S., Kakil, A. K., Aslanova, F., & Sozen, S. (2021). Anatomy of the sequencing batch process for organic carbon removal from sewage with seasonal flow variations. Desalination And Water Treatment, 215, 259-267. doi: 10.5004/dwt.2021.26283
* Nourani, V., Gokcekus, H., & Gelete, G. (2021). Estimation of Suspended Sediment Load Using Artificial Intelligence-Based Ensemble Model. Complexity, 2021. https://doi.org/10.1155/2021/6633760
* Kassem, Y., Gökçekuş, H., & Güvensoy, A. (2021). Techno-Economic Feasibility of Grid-Connected Solar PV System at Near East University Hospital, Northern Cyprus. Energies, 14(22), 7627. https://doi.org/10.3390/en14227627
* Gichamo, T., Abate, B., Esimo, F., Gokcekus, H., & Gelete, G. (2022). Analysis of water balance and hydrodynamics of the Lake Beseka, Ethiopia. Journal of Water and Climate Change.
* Iravanian, A., Kassem, Y., & Gökçekuş, H. (2022). Stress–strain behavior of modified expansive clay soil: experimental measurements and prediction models. Environmental Earth Sciences, 81(4), 1-17.
* Mustafa, A. L. A. S., Albrka, A., & Gökçekuş, H. (2022). The High Temperature Performance Evaluation of Polymer/Nanocomposite Modified Asphalt Cement. Teknik Dergi, 33(4).
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* Umar, I. K., Gökçekuş, H., & Nourani, V. (2022). An intelligent soft computing technique for prediction of vehicular traffic noise. Arabian Journal of Geosciences, 15(19), 1-13.
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* Gökçekuş, H., & Bolouri, F. (2023). Transboundary Waters and Their Status in Today’s Water-Scarce World. Sustainability, 15(5), 4234.
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**8.2. Uluslararası hakemli dergilerde yayınlanan makaleler (ESCI)**

* Aslanova, F., Gökçekuş, H., Baştaş, M., & Mohamed, J. (2018) Perception of Environmental Awareness by Administrators and Teachers in Secondary Schools. Modern Journal of Language Teaching Methods, 662-677. https://doi.org/10.1080/09720073.2016.1189193412002/469.
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* Shawakha, A., Gökçekuş, H., & Kassem, Y. (2018). The Cause, Effect, and Possible Solution to **‎Traffic Congestion on North Nicosia Roads, Cyprus: Experimental and Theoretical Approaches. ‎Indian Journal of Science and Technology, 11(41). 1-18.doi:10.17485/ijst/2018/v11i41/132020.**
* Kassem, Y., Gökçekuş, H., & Zeitoun, M. (2019). Modeling of techno-economic assessment on wind **‎energy potential at three selected coastal regions in Lebanon.** **Modeling Earth Systems and** ‎ Environment. 5, 1037–1049.doi:10.1007/540808-019-00589-9.
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* Umar, I. K., & Gokcekus, H. (2019). Modelling severity of road traffic accident in Nigeria using artificial neural network. Jurnal Kejuruteraan, 32(2), 221–227. <https://doi.org/10.17576/jkukm-2019-31(2)-221-228>.
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* Gökçekuş, H. (2009) (Redeaksiya Heyeti). VIII. Türk Dünyası İqtisadiyyat, Elm ve Mədəniyyət Forumunun İpək Yolu XXI. əsrda Mövzusunda Bəynəlxalq Konfransının MATERIALLARI. Bakı:İqtisad Universiteti, Bakü, Azerbaycan, 340
* Gökçekuş, H., Türker, U., & Öztürk, M. (2009). Forward to the special issue—International Conference on Environment: Survival and Sustainability (ESS 2007). Environmental Geology, 57(2), 247-247.
* Gökçekuş, H., Yüksel, D., Yontar, A., (Aralık 2010). Global Ekonomik Krizin Turizm Açısından Etkileri ve Tütk Devletleri ile KKTC arasında Turizm/Yüksek Eğitim Alanında İşbirliği. 9. Türk Dünyası, Ekonomi, Bilişim ve Kültür Forumu, Küresel Krizde Türk Dünyası Ekonomileri ve Kültürel Destekler, Bildiriler Kitabı, pp 83-100 Ankara, TÜRKİYE, Aralık 2010
* Gökçekuş, H. (Editorial Board Member) (2010) Ecology and Forests for Public Health Conference, Oslo, NORWAY, Science Without Borders, Transactions of the International Academy of Science H&E, Special Edition, Innsbruck 2010
* Gökçekuş, H., Gücel, S., Türker, U., (2010). Effects of Climate Change on North Cyprus Forests. Ecology and Forests for Public Health Conference, Oslo, NORWAY, Science Without Borders, Transactions of the International Academy of Science H&E, Special Edition, Innsbruck
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* Gökçekuş, H., Türker, U., LaMoreaux J., (Eds.), (2011) Environmental Earth Sciences, Survival and Sustainability, Environmental Concerns in the 21st Century Spinger-Verlag Berlin Heidelberg 2011, 1517
* G. İnsel, H. Gökçekuş, S. Sözen, E. Dulekgurgen, D. Orhon, (2011). The Effect of Sludge History on Aerobic Sludge Stabilization Efficiency. Environmental Earth Sciences Survival and Sustainability Environmental Concerns in the 21st Century Springer-Verlag Berlin Heidelberg, pp. 2321-1326, Germany, 2011
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* Silman, F., Gökçekuş, H., & İşman, A. (2012). A study on quality assurance activities in higher education in North Cyprus. International Online Journal of Educational Sciences, 4(1), 31-38.
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* Gökçekuş, H. (2014). Asrın Projesi; KKTC’ye ve Doğu Akdeniz’in Hidropolitiği’ne Etkisi, Başeren, S. A. & Gökçekuş, H., Yaşam ve Stratejik Kaynaklar Açısından Kıbrıs. Gazeteciler Cemiyeti, Ankara.

**10. Editor**

* Environmental Earth Sciences, Springer (SCIE; Impact factor: 3.152; Category rank: Q2 ), Editorial board
* Disaster Science And ‎Engineering, DergiPark (International index- Google Scholar), Editorial board
* Discover Water, Springer (International index- Google Scholar), Editorial board
* Water, MDPI (SCIE; Impact factor: 3.152; Category rank: Q2), Guest editor
* Desalination and Water Treatment, Taylor & Francis (SCIE; Impact factor: 3.152; Category rank: Q3), Guest editor
* Hydrogeomorphology, scientific journal of the University of Tabriz (International index- Google Scholar), Editorial board
* Sustainable Water Resources Management, Springer (ESCI; Category rank: Q3), Guest editor
* Physics and Chemistry of the Earth, Elsevier (SCIE; Impact factor: 3.311; Category rank: Q2), Guest editor

**11. Reviewer**

* Journal of Hydrology, Elsevier (SCIE; Impact factor: 6.731; Category rank: Q1)
* Renewable energy, Elsevier (SCIE; Impact factor: 8.394; Category rank: Q1) Desalination and Water Treatment, Taylor & Francis (SCIE; Impact factor: 3.152; Category rank: Q3)
* Environmental Earth Sciences, Springer (SCIE; Impact factor: 3.152; Category rank: Q2 )
* Sustainability, MDPI (SCIE; Impact factor: 3.889; Category rank: Q1),
* Agronomy, MDPI (SCIE; Impact factor: 3.949; Category rank: Q2),
* International Journal of Green Energy , Taylor & Francis (SCIE; Impact factor: 2.642; Category rank: Q3)

**12. Projeler**

* “Assessment of Pesticide Remains in Groundwater and Surface Water”, TRNC, 1994.
* U.S. Agency for International Development (AID), Cyprus Geological Survey Department (CGSD), Near East University (NEU), U.S. Geological Survey (USGS), University of Vermont, Brooklyn College and Yale University, “Environmental Assesment of Abandoned Mine site, Aquifer, and Adjacent lands in Cyprus” 1995 (Bi Communal Project)
* “Earthquake Hazard Assesment of the Nicosia Area ( A necessary tool for risk management)”, USGS project, 17 November 1997
* “Seismic Risk Prevention and Management in Urban Areas”, ECDGX II Project, 30 April 1999
* “Seismic Hazard Assesment of the Broader Urban Area of Nicosia Town”, UNOPS Project, October 1999
* “Çevresel Faktörlerin Deniz Kaplumbağaları Üzerindeki Etkisi” konulu TUBİTAK Projesi, Proje Kodu: YDAPÇAG-25/G 17 Mayıs 1995
* "Kuzey Kıbrıs Türk Cumhuriyeti’nde su master planının hazırlanabilmesi İçin gerek duyulan KKTC’nin mevcut su kaynaklarının tesbiti İle İlgili veri (Data) toplama İşlemlerinin nasıl bir yöntemle yapılabileceği hususundaki proje", İnşaat Mühendisliği Bölümü, YDÜ - Lefkoşa, Haziran 1995
* “Kıbrıs Çevre Master Planı”, İstanbul Teknik Üniversitesi, Çevre Mühendisliği Bölümü, KKTC Sağlık ve Çevre Bakanlığı, Çevre Dairesi, Yakın Doğu Üniversitesi, İnşaat Mühendisliği Bölümü, 1998
* “T.C Bayındırlık ve İskan Bakanlığı Karayolları Müdürlüğü, Ercan Hava Alanı Yolu ve Lefkoşa- G. Mağusa Yolu Mühendislik Hizmetleri İşi”, Eylül 1998
* "Yakın Doğu Kent Çevresel Etki Değerlendirme Raporu", YDÜ-Lefkoşa, Aralık 1998
* “KKTC (Doğu Akdeniz) Örneğinde Denizaltı Su Kaynaklarının Oluşum Ve Boşalım Özelliklerinin Araştırılması Yararlanma Olanaklarının Değerlendirilmesi”, İstanbul Teknik Üniversitesi-Yakın Doğu Üniversitesi, Şubat 1999
* "KKTC 4. Beş Yıllık Kalkınma Planı Su Özel İhtisas Komisyonu Raporu", KKTC İçişleri Ve Köy İşleri Bakanlığı, Lefkoşa, KKTC, Haziran 1999
* Remote sensing application in hydrology supporting Chinese government (Nanjing University supported by this Project), 2021 (three years Project).

**13. İdari Görevler**

|  |  |
| --- | --- |
| **Period** | **Enrollment** |
| 1992-2013 | Member of the Senate, Near East University, Nicosia, Turkish Republic of Northern Cyprus (TRNC) |
| Member of the Steering Committee and the Managing Board of Engineering Faculty, Near East University, Nicosia, TRNC |
| Chairman of Civil Engineering Department, Near East University, Nicosia, TRNC |
| 1993–1994 | Chairman chamber of Mining Geological and Metallurgical Engineers Union and Member of the Management Committee of the Union of the Chamber of Cyprus Turkish Engineers and Architects |
| 1993-2005 | The University Registrar, Near East University, Nicosia, TRNC |
| 1997-2013 | Institute President, Near East University North Cyprus Earthquake Research Institute NEU, Nicosia, TRNC |
| 1999- 2005 | Member of Cyprus Turkish Molecular Biology Committee, Nicosia, TRNC |
| 1999- 2000 | Chairman, Gönyeli Construction Planning Commission Nicosia, TRNC |
| 2000-2013 | Chairman of the University Disciplinary Committee, Near East University, Nicosia, TRNC |
| 2001-2013 | Chairman of all the Universities Search and Rescue Association, Nicosia, TRNC |
| Member of the Management Committee, Science and Social Science Institute, Near East University, Nicosia, TRNC |
| 1998-2001 | Acting President, Near East University, Nicosia, TRNC |
| 2001- 2002 | Secretary General, Near East University, Nicosia, TRNC |
| 2002-2013 | Vice President, Near East University, Nicosia, TRNC |
| 2004-2013 | President of Board, NEU Life-long Learning Education Centre (YABEM), Near East University, Nicosia, TRNC |
| 2007-2010 | International Council For Scientific Development (ICSD) International Academy Of Science (IAS)- Health And Ecology, Vice President, Board Member, and the Mediterranean Region Advisor |
| 2010-2013 | International Council For Scientific Development (ICSD) International Academy Of Science (IAS)- Health And Ecology; Board Member, the Mediterranean Region Advisor |
| 2010-2015 | General Coordinator of Water Management Project Turkish Republic of Northern Cyprus Ministry of Agriculture and Natural Resources; TRNC |
| 2010-2013 | Board member of Yükseköğretim Planlama, Denetleme, Akreditasyon ve Koordinasyon Kurulu (YÖDAK) by representative TRNC Parliament |
| 2012-2014 | International Universities Search and Rescue Council (Uluslararası Üniversiteler Arama & Kurtarma Konseyi, UÜAKK), President |
| 2013-2017 | President of YÖDAK of the TRNC |
| 2014-2017 | Member of the Managing Board of Association of Quality Assurance Agencies of the Islamic World in Bahrain |
| 2017-present | Dean of Civil and Environmental Engineering Faculty, Near East University, TRNC |
| 2017-present | Member of the Senate, Near East University, Nicosia, TRNC |
| 2018-present | President, International Universities Search and Rescue Council (UÜAKK) Scientific and Education Board |
| 2019-2022 | Acting Vice-President: ISCD/IAS – HEALTH & ECOLOGY, Board Member, and the Mediterranean Region Advisor |
| 2019-present | President of Energy, Environment, and Water Research Center ( (Enerji, Çevreve Su Araştırma Merkezi, ENÇESU) |
| 2021- present | Türk Dünyası Mühendisler ve Mimarlar Birliği, KKTC Ülke Temsilcisi. Union of Turkish World Engineers and Architects, Representative of TRNC |
| 2022- present | Head of Civil Engineering Department, Near East University, TRNC |
| 2022-present | International Council For Scientific Development (ICSD) International Academy Of Science (IAS)- Health And Ecology, Vice President, Board Member, and the Mediterranean Region Advisor |

**14. Bilimsel Etkinliklerde Görev Alma**

* “TRNC and Standardization Congress” , Cyprus Turkish Union of Chambers of Engineers and Architects - Nicosia, 21-22 January 1993
* “Computer Use in Education Symposium” , Near East University - Nicosia, 3-4 June 1993
* “Environmental Problems Symposium in TRNC” , Union of Chambers of Cyprus Turkish Engineers and Architects - Nicosia, 17-18 February 1994
* " Water Congress” , Cyprus Turkish Union of Chambers of Engineers and Architects - Nicosia, 23-24 February 1995
* “International Conference on Water Problems In The Mediterranean Countries” , NEU - Nicosia, TRNC, 17-21 November, 1997
* “International Conference Water Management'99” , Tirana-Albania, 22-24 May 1999
* “Interntional Conference on Earthquake Hazard and Risk In the Mediterranean Region”, YDÜ-Lefkoşa, KKTC, 18-22 Ekim 1999
* “4th International Symposium on Eastern Mediterranean Geology”, Süleyman Demirel University, Isparta, Turkey, 21-25 May 2001
* “International Symposium on The Cyprus Issue: Past, Present and the Vision for the Future”, YDÜ - Lefkoşa, KKTC, 12-14 Haziran 2001
* “International Conference on Environmental Problems Of The Mediterranean Regions” NEU - Nicosia, TRNC, 12 - 15 April 2002
* “International Conference on the Earth and Water Terre Et Eau”, Faculty of Earth Sciences, The Department of Geology, Annaba, Algeria, 21 – 23 May 2004
* “Congress of Quarries”, Cyprus Turkish Union of Chambers of Engineers and Architects - Nicosia, 12 – 14 January 2005
* “International Conference on The Water for Sustainable Development in Mediterranean Basin”, National School Polytechnic, Laboratory of Water, Cezayir, 21 – 23 Mayıs 2005
* “X. European Ecological Congress (Euro Eco)”, Organized by European Ecological Federation (EEF), Turkish Ecological Society, Ege University Center for Environmental Studies, İzmir, Turkey, 08 – 13 November 2005
* “International Conference on Environment: Survival and Sustainability”, Near East University, Nicosia-TRNC February 19-24, 2007
* “I. International Conference on: National and International Coordination, Cooperation and Humanitarian Assistance in Natural Disaster and State of Emergency”, Girne / KKTC 17-18 Nisan, 2007
* “International Conference on Harmful Effects of Acid Mine Drainage on Environment and Health”, Lefke, TRNC, 25-27 April, 2007
* “International Congress on Health and Hospital Administration”, 1-3 June, 2007; Near East University, Nicosia, TRNC
* “Media Strategies in the 21st Century: Expectations Problems”, 29-30 November 2007; Near East University, Nicosia- KKTC
* “7th Form of Economy Informatics, and Culture of Turkish countries”, 11-14 December 2007, Near East University, Nicosia- TRNC
* “GAP, Cultural Heritage, and Tourism: Potentials, Priorities, Problems and Solutions Conference” 24-27 April 2008, Near East University, Nicosia.
* “ The Regional Meeting on Water in the Mediterranean Basin” 9-11 October 2008, Near East University, Nicosia, TRNC
* "VIII. Silk Road XXI of the Turkic World Economic, Scientific and Cultural Forum. International Conference on the Theme of the 20th Century", 4-5 December 2008, University of Economics, Baku
* “University Entrance System Congress in Turkey's 2023 Vision” , 16-17 April 2009, Atılım University, Ankara, Turkey
* “International Environment Symposium” , 20-23 May 2009, Kyrgyzstan Turkey Manas University, Bishkek, Kyrgyzstan
* “Ecology and Forests for Public Health Conference”, Nature-Culture-Health International ve International Academy of Science Health and Ecology ve University of Oslo, 18-20 Eylül 2009, Oslo, Norveç.
* “An International Conference: The Future of Ecocriticism: New Horizons” , 4-6 November 2009, Hacettepe University and Ankara University, Antalya, Turkey
* “1st International Congerss On Children and Sports “Let the Children Play!, ” 19-21 April 2010,, Near East University, Nicosia – Northern Cyprus
* “1st International Conference on Biodiversity” 3-4 June 2010, Intercollege, Larnaca, Cyprus.
* “ 2nd National Solid Waste Management Congress (UKAY 2010)” 18 – 20 October 2010 Mersin University, Turkey
* “7th International Symposium on Eastern Mediterranean Geology” 18-22 October 2010 Adana, Turkey
* “1st International Conference and Exhibition on Earthquake Forecasting” 17-21 April 2011, Çanakkale, Turkey
* "International Conference on Sustainable Built Environment 2010" 27-28 May 2010, Islamic University of Indonesia, Jogjakarta, Indonesia
* “Fourth Solid Waste Management Congress-UKAY'2012” October 2012, Fırat University, Elezığ
* “2nd International Conference on The Cyprus Issue: Past, Present and The Vision for the Future”1-3 April 2019, Near East University, Nicosia- KKTC
* “2nd International Conference on Water Problems in the Mediterranean Countries”6-10 May 2019, Near East University, Nicosia- KKTC
* “2nd International Conference of Environment: Survival and Sustainability”7-11 October 2019, Near East University, Nicosia- KKTC
* “5th International Conference on "Natural Resources and Sustainable Environmental Management” 8-12 November 2021, Near East University, Nicosia- KKTC
* “3rd International Conference on "Cyprus Issue: Environmental Challenges and Energy Security-ECES 2022” 21-23 December 2022, Near East University, Nicosia- KKTC
* “15th International Congress On Advances In Civil Engineering” 5-8 Septamber 2023, Eastern Mediterranean University, Famagusta, KKTC.
* “Turkish Culture and Thought Symposium” 18-19 October 2023, Istanbul Aydin University, İstanbul, Türkiye.
* “2nd International Conference on Earthquake Hazard and Risk in the Mediterranean Region (EHRMR-2023)” 20-22 October 2023, Near East University, Nicosia- KKTC
* “3rd International Conference of Water Problems in Mediterranean Countries (WPMC-2023)” 14 – 16 December 2023, Near East University, Nicosia- KKTC
* “6th International Conference on Natural Resources and Sustainable Environmental Management (NRSEM-2023)” 15 – 17 December 2023, Near East University, Nicosia- KKTC

**15. Ödüller**

* *NEU Research Awards*
  + NEU Scientific Research Award 2009, 2010, 2018, 2020, 2021 and 2022.
  + NEU Scientific Research Honour Award 2019, Near East University, TRNC
* TÜRKSAV 19. UluslararasıTürk Dünyasına Hizmet Ödülü (2014), Ankara, Turkey.
* *Pavlov Honour Pin in Gold*
  + International Council for Scientific Development and International Academy of Science (Health and Ecology), Pavlov Honour Pin in Gold, Medal and Certificate, February 2007, Innsbruck, Austria
* *Diğer Ödüller*
  + “Certificate of Award and Plaque for Outstanding Services performed on the National and International Platforms in Earth Sciences” presented by the Union of Chambers of the Turkish Engineers and Architects, Chamber of the Geological Engineers, Union of Chambers of the Turkish Cypriot Engineers and Architects, and the Chamber of Mining, Geological and Metallurgical Engineers, at the TMMOB - Chamber of the Geological Engineers, 51st Geology Congress, Ankara, Turkey, 16 February 1998.
  + “25th Year Honour” Award: Granted by the Association of Turkish Engineers and Architects and the Association of Geology Engineers for 25 years of dedication to geology. TMMOB, Ankara, 18 May 2007
  + Between the years 1982-2007 yılları arasında jeoloji meselğine 25 yıl başarıyla emek vermesinden dolayı Kıbrıs Türk Mühendis ve Mimar Odaları Birliği tarafından verilmiştir. KTMMOB, Lefkoşa, 1 Aralık 2007.
  + Certificate of Award received from President Rauf Denktaş of the TRNC for performances shown during the “International Conference on the Water Problems in the Mediterranean Countries”, Nicosia, TRNC, 23 December 1997
  + Certificate of Award received from President Rauf Denktaş of the TRNC on performance shown during the “International Conference on the Earthquake Hazards and Risks in the Mediterranean Region”, Nicosia, TRNC, 21 January 2000
  + Certificate of Award received from the TRNC President Rauf Denktaş for performance shown in organizing the symposium entitled “Cyprus Issue: Past, Present and The Vision For The Future”, Nicosia, TRNC, 27 June 2001.
  + Certificate of Award for Outstanding Services, “International Conference on the Environmental Problems of the Mediterranean Region”, presented by President Rauf Raif Denktaş, Nicosia, TRNC, 18 June 2002
  + Certificate of Award and Plaque presented by Prime Minister Mehmet Ali Talat of the TRNC at the conference on the “Communication – Public Relations and Management Skills”, Nicosia, TRNC, 21 July–12 August 2004
  + Plaque of Award received from the “Nicosia Sarayönü” Lions Club, Nicosia, TRNC, 11 November 1998
  + Plaque of Award received from the Turkish Cypriot Cultural Association, Istanbul Branch, Istanbul, Turkey, 9 October 1999
  + Certificate of Award received from the Head of the Civil Defence Organization, TRNC, for research carried out on earthquakes, and the educational contributions made for the Turkish Cypriot People, Nicosia, TRNC,24 March 2000 Letter of Gratitude received from Prof. Dr. Engin Ataç, Rector of Anadolu University, Turkey, for contributions made at the seminar entitled “TRNC Water for Drinking and Urban Use” organised by the Faculty of Engineering and Architecture, Anadolu University, Turkey, 24 January 2001
  + Letter of Gratitude received from the Head of the Civil Defence Organization, TRNC, for the contribution made to the Civil Defence Journal with the article entitled “A General Evaluation of Water Problems in the TRNC”, Nicosia, TRNC, 4 October, 2001 Plaque of Award received from the NEU and the Nicosia Municipality Authority for the contributions made at the Panel on “What Kind of Nicosia in 2020?” at the Nicosia 2020 Symposium, NEU, Nicosia, TRNC, 23-25 January 2002
  + Letter of Gratitude received from the Anglo Turkish Association of TRNC for the contribution made at the seminar entitled the “Evaluation of Water Problems in the TRNC”, Kyrenia, TRNC, 18 March 2002
  + Plaque of Award received for the contributions made at the Conference “Significance of the Güzelyurt District for the TRNC – Water and Earth” organized by the Güzelyurt District Development Association, Morphou, 1 April 2002
  + Plaque of Award for Outstanding Services, studies on “Mining Contamination around the CMC Area” and as the Publishing Editor of “Proceedings of the International Conference on European Environmental Policy and the Case of the Cyprus Mines - 2001”, Environmental Society of Lefke, Lefke, TRNC, August 2002
  + Certificate of Award for Outstanding Services, on “The Significance of Water in the TRNC”, by Beşparmak Lions Club, Kyrenia, TRNC, 15 April 2003
  + Letter of Gratitude received from the Near East College, “Secondary School Education within the 21st Century”, 10th Year Anniversary, NEU, Nicosia, TRNC, 21 March 2003
  + Certificate of Award for Outstanding Services, on “The Federal Law on Water Resources”, Technical Committee on Laws, presented by Olgun, M.E. the Undersecretary of the TRNC President, Nicosia, TRNC, 24 April 2004
  + Letter of Gratitude received from The Union of Medical Doctors (N. Cyprus), on “Water Resources in TRNC” - Medical Doctors Annual Celebration Week, Nicosia, TRNC, 18 March 2005
  + Letter of Gratitude received from the Near East College, “22nd of March, World Water Day – Water For Life Panels”, Near East University College, Nicosia, TRNC, 22 March 2005.
  + Gazeteciler Cemiyeti, Üstün Hizmet Beratı Ankara ,Temmuz 2013
  + Certificate of Award and Plaque presented by the Prime Minister of the TRNC, Ferdi Sabit Soyer, and President of the Civil Defence Organization, Zekai Aksakallı, at the ‘I. International Conference on National and International Coordination, Cooperation and Humanitarian Assistance in Natural Disaster and State of Emergency, Kyrenia, TRNC, 18 April 2007
  + Türkiye Barolar Birliği, September 2019

**14. Courses**

* CIV563/CIV663- Hydrology and Hydro-Climatology
* CIV567/CIV667-Impact of Climate Change on Infrastructure
* CIV509/CIV609-Advanced Climate Change and Infrastructure
* CIV507/CIV607- Integrated Water Resource Management
* CIV565/CIV665-Sustainable Urbanization; Planning, Development, Opportunıtıes, and Challenges
* CIV508/CIV608- Advanced Sustainable Urbanization and Environment Protection
* CIV558/CIV658- Sustainable Development and Climate Change–Energy-Environment Nexus
* CIV528/CIV628-Forecastıng, Modellıng and Statistical Analysis of Atmospheric Data
* TCE471- Su Kaynakları I
* GEO102- Geology for Civil Engineering
* MAT101- Calculaus I

**15. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Akademik**  **Yıl** | **Dönem** | **Dersin Adı** | **Haftalık Saati** | | **Öğrenci Sayısı** |
| **Teorik** | **Uygulama** |  |
| 2020-2021 | **Güz** | **CIV563/663**-Hydrology And Hydro-Climatology | 3 |  | 6 |
| **CIV565/665**-Sustainable Urbanization; Planning, Development, Opportunities, And Challenges | 3 |  | 6 |
| **CIV567/667**-Impact Of Climate Change On Infrastructure | 3 |  | 8 |
| **TCE471 –** Su Kaynakları I. | 4 |  | 40 |
| **Bahar** | **CIV508/608-** Advanced Sustainable Urbanization And Environment Protectıon | 3 |  | 5 |
| **CIV558/658-** Sustainable Development And Climate Change–Energy-Environment Nexus | 3 |  |  |
| **TCE471 –** Su Kaynakları I. | 4 |  | 25 |
| **Yaz** | **CIV508/608-** Advanced Sustainable Urbanization And Environment Protectıon | 3 |  | 6 |
| **TCE471 –** Su Kaynakları I. | 4 |  | 5 |
| 2021-2022 | **Güz** | **CIV507/607-** Integrated Water Resource Management | 3 |  | 18 |
| **CIV509/609-** Advanced Climate Change And Infrastructure | 3 |  | 16 |
| **TCE471 –** Su Kaynakları I. | 4 |  | 10 |
| **Bahar** | **CIV528/628-**Forecastıng, Modelling And Statıstıcal Analysıs Of Atmospherıc Data | 3 |  | 18 |
| **CIV558/658-** Sustainable Development And Climate Change–Energy-Environment Nexus | 3 |  | 17 |
| **TCE471 –** Su Kaynakları I. | 4 |  | 10 |
| **Yaz** | **CIV508/608-** Advanced Sustainable Urbanization And Environment Protection | 3 |  | 8 |
| **TCE471 –** Su Kaynakları I. | 4 |  | 5 |