

Biographical Sketch: Prof. Dr. Hüseyin Gökçekuş

- **Name:**

Prof. Dr. Hüseyin Gökçekuş

- **Affiliation:**

Department of Civil Engineering, Civil and Environmental Engineering Faculty, Near East University, Turkish Republic of Northern Cyprus, Cyprus 99138, Turkey

- **Education:**

He completed his primary and secondary education in Cyprus. He completed his undergraduate education at the Department of Geological Engineering of Faculty of Sciences in Ankara University in 1982. He commenced his M.Sc. studies at Middle East Technical University (METU) under the supervision of Prof. Dr. Vedat Doyuran, and completed his studies after the submission of his M.Sc. thesis titled “Hydrogeology of Western Konya Plain and Interpretation of Groundwater Level Fluctuations” in 1984. During his years of postgraduate study, he started to work as a Research Assistant at METU in 1983 and in June 1990, he completed his PhD at the Department of Geological Engineering with his thesis titled as “Hydrogeological and Hydro-geochemical Evaluation of the Güzelyurt Groundwater Basin- TRNC”; which was once again supervised by Prof. Dr. Vedat Doyuran.

- **University Diplomas:**

Degree	Field	University	Year
BSc	Geological Engineering Department	Ankara University	1982
MSc	Geological Engineering Department/ Hydrogeology	Middle East Technical University	1984
PhD	Geological Engineering Department/ Hydrogeology	Middle East Technical University	1990
Asst. Prof.	Civil Engineering Department	Near East University	1992
Assoc. Prof.	Civil Engineering Department	Near East University	1994
Prof.	Civil Engineering Department	Near East University	2001

- **Business Address:**

Near East University
Near East Boulevard, ZIP: 99138 Nicosia
TRNC Mersin 10 – Turkey

- **Research and Professional Experience & Professional Appointments:**

Following the completion of his Ph.D. studies, he left METU, where he had conducted his studies and worked as a research assistant for 7 years, and returned to the TRNC in December 1990 to carry out his two-year military service in Yeşilirmak. Upon completion of his service in March 1992, he started to work as a lecturer at Near East University (NEU) where he worked for almost twenty years, until he was appointed as the Head of Higher Education Board of TRNC (YÖDAK). He was promoted to the rank of Assistant Professor in 1992; to the rank of Associate Professor in 1994; and to the rank of Professor in 2001.

He was appointed to the rank of Assistant Professor in 1992, to Associate Professor in 1994 and finally to the rank of Professor in 2001. Throughout his career life at the Near East University, he has been assigned to various duties. He was first appointed as the Head of Department of Civil Engineering, a department to which he helped establish; Head of Department of Student Affairs; as Acting Rector; as General Secretary of the University; and as Vice Rector. Furthermore, he has been a Head of the Disciplinary Board of the University; Member of the University Senate; and as Member of the NEU Managing Board.

In addition to editing many books, Professor Dr. Hüseyin Gökçekuş has more than 80 publications on significant issues of the country such as water, environment, earthquakes, tourism and education; published mostly in international journals. In 2003 his article titled “Pollution of Coastal Region Impacted by Acid Mine Drainage in Morpou Bay, Northern Cyprus” was published in one of the most prestigious journals of the world- Journal of Environmental Science and Health Part A. Furthermore, according to the report put by the search engine BioMedLib.com, his article has been selected among the 20 most-searched articles in its relative field for many years. Moreover, world-renowned publishing house Springer published his book titled as “Survival and Sustainability: Environmental Concerns in the 21st Century”. Within 20 months, the chapters of this book were downloaded 5944 times and broke a hard-to-beat record; it became one of the top 25 books of which chapters were mostly downloaded on Springer. By 2017, the number of times that the chapters of this book have been downloaded had reached fifteen thousand. He is currently on the editorial board of Environmental Earth Sciences Journal of Springer.

Professor Gökçekuş has made more than 140 presentations at scientific meetings mainly in Turkey and in the Turkish Republic of Northern Cyprus, alongside with South Cyprus, Sweden, France, Greece, United States, Italy, Austria, Morocco, Azerbaijan, England, Norway, Indonesia, Russia, Malta, Germany, Croatia, Kirghizstan and Brazil.

During his career, he has shared, via the written and visual press, his scientific work with great masses and has been interviewed by over 60 press and publication institutions including the National press; by the Turkish Press; BBC Television; The Guardian, European Voice; and many other institutions alike including ones from Germany and Italy where his opinion columns have been published. On 29th February 2012, his work on “Drinking water of TRNC; the Project of this Century” was published in the ORSAM Journal, and his interview on 4-5 April 2013 where he described how the water will be brought to TRNC from Turkey with an underwater piping system, was published in the International Herald Tribune and in the New York Times, and drew attention world-wide.

Prof Dr Gökçekuş has run the presidency of many national and international symposiums and congresses on “water”, “earthquake”, “environment”, “education”, “health” and “tourism”; furthermore he has been assigned as part of the Scientific Boards and Consultation and Organisation Committees of various national and international organisations.

Alongside his scientific work which he has carried out over twenty five years; he has played significant roles in holding many national and international congresses, conferences, seminars, panels and workshops hosted by the Near East University, therefore promoting both NEU and the Turkish Republic of Northern Cyprus (TRNC) at international platforms. Additionally, his scientific works have been referenced many times and Prof. Dr. Gökçekuş has successfully represented the TRNC at scientific meetings held around the world.

He has twice obtained Cyprus-American Scholarship Program Short Term Training Grants given by the USA – Cyprus Fulbright Commission; one of them being on “Environmental Assessment of Abandoned Mine Sites” between 4 August - 10 September 1994, and the other being on “Integrated Water Resources Management” between 7 April - 10 May 2003. During these short-term courses, he carried out his studies with the most prestigious scientist’s at the most prestigious universities and institutions of the USA such as the University of Vermont, VT, California Polytechnic University Pomona, CA, Yale University, New Haven CT and Brooklyn College, Brooklyn, NY. He has also carried out his studies at the centres of the United States Geological Survey Institution (USGS), which is one of the most important institutions of the USA, in various states of the USA (Headquarters, Washington D.C., National Centre, Reston, VA., U.S. Geological Survey water Resources, Division California District, Sacramento, CA., U.S. Geological Federal Centre, Denver, CO.). Furthermore, he has been engaged in studies with scientists and official staff of several scientific and environmental institutions in both California and Denver on various water and geological sources, and has carried out several observations in laboratories and terrain analyses.

Prof. Dr. Gökçekuş has attended several international workshops and courses, and has been awarded with certificates of participation and contribution. Some of these include “IBM, PC Applications in Ground Water Pollution and Hydrology”, in Boston, Massachusetts, from 14 to 19 August 1994; “Joint Seismic Observation Period (JSOP) workshop” in Southern Cyprus from 15 to 17 May 1995; “Workshop on Seismic Hazard in the Mediterranean Region Earthquake Ground Shaking Maps and their Applications” from 3 to 7 May 1999; “Miami-Dade Fire Rescue’s (MDFD) Training for Instructor (TFI)”, a workshop organized at the J.W. Fulbright Centre in the Buffer Zone in Nicosia, from 26 to 30 March 2001; “Integrated Water Resources Management” workshop given by the US Bureau of Reclamation of the Ministry of Interior, from 7 to 11 April 2003; “Water Management Issues” workshop given by the California State Polytechnic University, Pomona, from 14 to 29 April 2003; “Understanding the European Union” course given by the E.U. Information Centre in Nicosia from 2 to 4 June 2004; “A Study of the European Union” course from 9 to 11 June 2004; and a “Consensus in European Union” course from 16 to 18 June 2004.

On 25th October 2010, he was elected as a Member of YÖDAK by the TRNC Parliament. Later on 26th December 2011, he was assigned as the General Coordinator of Water as part of the Turkish Republic of Northern Cyprus Ministry of Agriculture and Natural Resources Project; to participate in work on bringing water from Turkey and to determine water sector policies; to design water management policies of the country alongside the realisation of goals determined regarding the water sector. Then on 24th April, 2012, he was elected as the First Term President of the International Universities Search and Rescue Council through unanimous decision.

In accordance with the “Establishment of the Higher Education Board, the Assignment of the Head and Members” item of the Higher Education Law, he was assigned as the Head of

Higher Education Board (YÖDAK) of Turkish Republic of Northern Cyprus (TRNC) by the then-current President of TRNC Dr. Derviş Eroğlu on 19th September 2013.

As the Head of Higher Education Board of TRNC (YÖDAK), Professor Gökçekuş had been elected as a Member of Managing Board of Association of Quality Assurance Agencies of the Islamic World in Bahrain, in February 2014. On the other hand, in 2015, he presided the “IQA Workshop” hosted by NEU through cooperation with the Higher Education Board of TRNC.

As part of the Turkey-TRNC Economical Cooperation Agreement, he has contributed to the preparation of the Report on “The Preparation and Realisation of the TRNC Higher-Education Strategy Document and Action Plan” in June 2015, by the Higher Education Board of the TRNC (YÖDAK).

In 2017-Present, he is continuing his duty as Dean of Civil and Environmental Engineering Faculty at Near East University. Also, he is a supervisor of several Ph.D. and MS students. Additionally, he has published more than 85 articles indexed by Web of Science and Scopus and cooperated as a subject reviewer for different international scientific journals. In addition, he has published several books, chapters on significant issues of the TRNC such as water, environment, tourism, and education.

Presently, He is a lecturer for various engineering subjects in the Civil and Environmental Engineering Faculty such as Impact of Climate Change on Infrastructure, Hydrology, and Hydro-Climatology, Sustainable Urbanization, Planning, Development, Opportunities, and Challenges, Advanced Sustainable Urbanization and Environment Protection and Sustainable Development and Climate Change-Energy-Water-Environment nexus. His research focuses on analysing and assessing renewable resources, water resources, and environmental issues in TRNC and the world.

Period	Enrollment
1992	Member of the Senate, Near East University, Nicosia, TRNC Member of the Steering Committee and the Managing Board of Faculty, Near East University, Nicosia, TRNC Chairman of Civil Engineering Department, Near East University, Nicosia, TRNC
1993–1994	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	Institute President, Near East University North Cyprus Earthquake Research Institute NEU, Nicosia, TRNC
1999	Member of Cyprus Turkish Molecular Biology Committee, Nicosia, TRNC
1999- 2000	Chairman, Gönyeli Construction Planning Commission Nicosia, TRNC
2000	Chairman, NEU Earthquake Search and Rescue Association, Nicosia, TRNC Chairman of the University Disciplinary Committee, Near East University, Nicosia, TRNC
2001	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	Vice President, Near East University, Nicosia, TRNC
2004	President of Board, NEU Lifelong Education Centre, Near East University, Nicosia, TRNC
2007-2010	International Council For Scientific Development (ICSD) International Academy Of Science (IAS)- Health And Ecology, Board Member, Vice President and the Mediterranean Region Advisor
2010	International Council For Scientific Development (ICSD) International Academy Of Science (IAS)- Health And Ecology; Board Member, the Mediterranean Region Advisor President of YABEM (NEU, Life long Education Centre), Near East University, Nicosia, TRNC General Coordinator of Water as part of the Turkish Republic of Northern Cyprus Ministry of Agriculture and Natural Resources Project
2010-2013	Member of YÖDAK by TRNC Parliament
2012-2014	International Universities Search and Rescue Council President
2013-2016	Head of Higher Education Board (YÖDAK) of the Turkish Republic of Northern Cyprus
2014	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
2019	Acting Vice-President: ISCD/IAS – HEALTH & ECOLOGY

- **Honors:**

Prof. Dr. Gökçekuş was awarded the “Outstanding Service Award” by the Union of Turkish Engineers and Architects’ Chamber, Chamber of Geology Engineers and Union of Cyprus Turkish Engineers and Architects, and Chamber of Mine, Geology and Metallurgical Engineers for his “Outstanding Services and Contributions on Geological Issues at National and International platforms”. He was also awarded a “Certificate for his 25th year in the profession” by the Union of Turkish Engineers and Architects’ Chamber; with the “Golden Badge” being given by the Federation of Journalists of Mersin for his superior scientific achievements and contributions to science. Additionally, he was awarded Pavlov Golden Badge by “International Academy of Science, Health & Ecology (Innsbruck Austria) due to his outstanding scientific success; as part of the 21st item of World Health Organisation, National Environmental Health Action Plan. For his publications, he was awarded “The NEU Scientific Research Award”. Furthermore, he was awarded an outstanding service and patent plaque for “Scientific Work at National and International Platforms alongside Contributions for the Recognition of TRNC” with a unanimous decision of Journalists Society of Turkey and the plaque were presented by the President of TRNC Eroğlu.

- **Organization**

- a). International Conferences on European Environmental Policy and the case of Cyprus mines-2001
- b). Environmental Problems of the Mediterranean Region-2002
- c). Environment: Survival and sustainability-2007

- d). 2nd International Conference on “The Cyprus Issue: Past, Present and The Vision for the Future-2019
- e). 2nd International Conference on Water Problems in the Mediterranean Countries-2019
- f). 2nd International Conference of Environment: Survival and Sustainability-2019
- g). 5th International Conference on "Natural Resources and Sustainable Environmental Management

- **Publications**

- **Publication in 2021**

- ***Publications in international refereed journals (in coverage of SCI and SCI-Expanded-)***

1. 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
2. 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
3. Kassem, Y., Gökçekuş, H., Çamur, H., & Esenel, E. (2021). Statistical analysis and determination of best-fit probability distribution for monthly rainfall in Northern Cyprus. *Desalination and Water Treatment*. doi: 10.5004/dwt.2020.26556
4. 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
5. 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>
6. Cıggin, A.S., Ozcan, O.O., Gökçekuş, H., Orhon, D. (2021). Effect of Fenton oxidation on the toxicity of carpet manufacturing effluents, *Desalination and Water Treatment*, doi.:10.5004/dwt.2020.26394
7. Gökçekuş, H., Orhon, D., Sözen, S., Kalil, A. K.K., Aslanova, F. (2021). Anatomy of sequencing batch process for organic carbon removal from sewage with seasonal flow variations. *Desalination and Water Treatment*. doi: 10.5004/dwt.2020.26283
8. Kassem, Y., Gökçekuş, H, & Gökçekuş, R. (2021). Identification of the Most Suitable Probability Distribution Models for Monthly and Annual Rainfall Series in Güzelyurt Region, Northern Cyprus. *Desalination and Water Treatment*.doi: 10.5004/dwt.2021.26904
9. Abazid, M., Gökçekuş, H. & Çelik, T. (2021). Implementation of TQM and the Integration of BIM in the Construction Management Sector in Saudi Arabia. *Academy of Management Annals*. doi: 10.20944/preprints202103.0455.v1
10. ALMuhisen, M., Gökçekuş, H. & Çelik, T. (2021). Developing an AHP Risk Assessment Model for PPP Projects in Jordan. *Academy of Management Annals*. **In press**
11. 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

12. Umar, I. K., Nourani, V., & Gökçekuş, H. (2021). A novel multi-model data-driven ensemble approach for the prediction of particulate matter concentration. *Environmental Science and Pollution Research*, 1-15. <https://doi.org/10.1007/s11356-021-14133-9>
13. 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>
14. 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>
15. 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>

Publications in international refereed journals (in coverage of ESCI)

16. Kassem, Y., Gökçekuş, H., & Alassi, E. (2021). Identifying most influencing input parameters for predicting Cereal production using an artificial neural network model. *Modeling Earth Systems and Environment*, 1-14. <https://doi.org/10.1007/s40808-021-01148-x>

Publishing book/book chapter

17. Isiksal, H., & Gökçekus, H. (2021). Cyprus: Alternative solution models. Peter Lang Gmbh, Internationaler Verlag Der Wissenschaften.
18. Gökçekus, H., & Kassem, Y. (2021). Energy Security in International Conflicts: The Case of the Eastern Mediterranean. In Cyprus: Alternative Solution Models. Peter Lang Gmbh, Internationaler Verlag Der Wissenschaften.
19. Gökçekus, H., & Kassem, Y. (2021). Turkey-North Cyprus-Neighboring Countries Peace Water Project. In Cyprus: Alternative Solution Models. Peter Lang Gmbh, Internationaler Verlag Der Wissenschaften.
20. Gökçekus, H., Orhon, D., Oğuz, G., & Sözen, S. (2021). Boosting Tourism-Related Cultural and Economic Development in North Cyprus: Constraints and Opportunities. In Cyprus: Alternative Solution Models. Peter Lang Gmbh, Internationaler Verlag Der Wissenschaften.
21. Gökçekus, H., & Ertugan, A. (2021). The Rapid Growth of the Higher Education Industry on a Small Island: "Living on an Island as If a Mainlander". In Cyprus: Alternative Solution Models. Peter Lang Gmbh, Internationaler Verlag Der Wissenschaften.
22. Ozsahin, D., Gokcekus, H., Uzun, B., & LaMoreaux, J. (2021). Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. S.l.: Springer Nature. doi:10.1007/978-3-030-64765-0
23. Syidanova, A., Gokcekus, H., & Ozsahin, D. U. (2021). Superior Types of Bamboo as a Construction Material with MCDM Methods. *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering*, 65-86.
24. Sözen, S., Duba, S., Ozsahin, D. U., Aslanova, F., Gökçekus, H., & Orhon, D. (2021). Evaluation and Optimization of the Treatment Scheme for the Paint Industry Effluents Using Multi-criteria Decision Theory. *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering*, 197-209.
25. Gichamo, T., Gökçekus, H., Ozsahin, D. U., Gelete, G., & Uzun, B. (2021). Ranking of Natural Wastewater Treatment Techniques by Multi-criteria Decision Making (MCDM) Methods. *Application of Multi-Criteria Decision Analysis in Environmental and Civil*

- Engineering, 87-100.
26. Umar, I. K., Gökçekus, H., & Ozsahins, D. U. (2021). Comparative Analysis of Flexible Pavement Design Methods Using Fuzzy PROMETHEE. *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering*, 173-182.
 27. Altıparmak, H., Salama, R., Gökçekus, H., & Ozsahin, D. U. (2021). Predict Future Climate Change Using Artificial Neural Networks. *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering*, 57-63.
 28. Ozsahin, D. U., Gökçekus, H., Uzun, B., & LaMoreaux, J. W. (Eds.). (2021). *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering*. Springer Nature.
 29. Gelete, G., Gökçekus, H., Uzun, B., Ozsahin, D. U., & Gichamo, T. (2021). Evaluating Disinfection Techniques of Water Treatment Using Multi-criteria Decision-Making Method. *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering*, 101-111.
 30. Yahya, M. N., Usman, I. M. T., Gökçekus, H., Ozsahin, D. U., & Uzun, B. (2021). Comparative Analysis for Irrigation Water Application Methods Using TOPSIS. *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering*, 157-171.
 31. Almuhsen, M., Gökçekus, H., Uzun, B., & Ozsahin, D. U. (2021). Selecting the Best Public–Private Partnership Contract by Using the Fuzzy Method. *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering*, 141-155.

Publication in 2020

Publications in international refereed journals (in coverage of SCI and SCI-Expanded-)

1. 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
2. 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
3. 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
4. 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
5. 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
6. 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
7. Gökçekuş, H., Kıral, E., Kıral, G., Eini, N., & Uzun, B. (2020). Analysis and prediction of annual precipitation values in Cyprus. *Desalination And Water Treatment*, 177, 275-282. doi:10.5004/dwt.2020.25088

8. 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
9. 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
10. Gokcekus, H., Ozsahin, D. U., & Mustapha, M. T. (2020). Simulation and evaluation of water sterilization devices. *Desalination And Water Treatment*, 177, 431-436. doi:10.5004/dwt.2020.25115
11. 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
12. 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
13. 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
14. 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
15. 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

Publications in international refereed journals (in coverage of ESCI)

16. Kassem, Y., Gökçekuş, H., & Janbein, W. (2020). Predictive model and assessment of the potential for wind and solar power in Rayak region, Lebanon. *Modeling Earth Systems and Environment*. doi:10.1007/s40808-020-00866-y
17. Jafariroodsari, S., Nourani, V., & Gokçekuş, H. (2020). Investigating sea-level change on the coastal aquifer, case study: Jafakendeh aquifer. *Modeling Earth Systems and Environment*. doi:10.1007/s40808-020-01043-x
18. Yahya, M., Gökçekuş, H., & Ozsahin, D. U. (2020). Comparative Analysis of Wastewater Treatment Technologies. *Jurnal Kejuruteraan*, 32(2), 221-230.
19. Angın, M., Çubukçuoğlu, B., & Gökçekuş, H. (2020). Case Studies on the Impacts of Climate Change on Historical Buildings in Northern Cyprus. *International Journal of Built Environment and Sustainability*, 7(1), 57-65. doi:10.11113/ijbes.v7.n1.432

Publications in international refereed journals (in coverage of SCOPUS)

20. Gökçekuş, H., Kassem, Y., Alijl , N., & Tawalbeh, M. (2020). Flash Flood Risk Mitigation Plan: Zarqa Ma'in Basin, Along the Dead Sea in Jordan. *International Journal of Scientific & Technology Research*, 9(3), 4089–4095.
21. Gökçekuş, H., Kassem, Y., & Musa, M. K. (2020). Environmental Impact of Municipal Solid Waste Landfill in North of Iraq. *International Journal of Innovative Technology and Exploring Engineering*, 9(3), 756–763.
22. Kassem, Y., Gökçekuş, H., & Aljamal, J. (2020). Surface water resource and effect of

- weather parameters in estimating the annual rainfall: A case study in Lebanon. IOP Conference Series: Materials Science and Engineering, 800, 012028. doi: 10.1088/1757-899x/800/1/012028
23. Gökçekuş, H., Kassem, Y., Haider, A., & Ali, S. (2020). Mechanical Behavior of Concrete Reinforced With Waste Plastic Bottles Fibers. *International Journal of Civil Engineering and Technology*, 11(7), 66-80.
 24. Gökçekuş, H., Kassem, Y., Yunusa, N., Musa, M., John, S., Usman, S., ... Ahmad, S. (2020). Study on Pit Latrine Minimum Design Requirement and Considerations in Northern Nigeria. *International Journal of Innovative Technology and Exploring Engineering*, 9(4), 1802–1809.
 25. Gökçekuş, H., Kassem, Y., Saber, S., & Ahmed, A. (2020). Municipal Solid Waste Management System and Environmental Impacts In Iraq: A Review Paper. *International Journal of Civil Engineering and Technology*, 11(7), 106-113.
 26. Yahuza, M. S., Gökçekuş, H., Ahmad, S. & Yunusa, N. (2020). An Overview Study of *Jatropha Curcas* as a Sustainable Green Energy and its Economic Impacts to Local Farmers in Kano State, Nigeria. *Journal of Environmental Treatment Techniques*, 8(3), 1060-1068
 27. Kassem, Y., Gökçekuş, H., & Çamur, H. (2020). Prediction of Kinematic Viscosity and Density of Biodiesel Produced from Waste Sunflower and Canola Oils Using ANN and RSM: Comparative Study. *Advances in Intelligent Systems and Computing 10th International Conference on Theory and Application of Soft Computing, Computing with Words and Perceptions - ICSCCW-2019*, 880-887. doi:10.1007/978-3-030-35249-3_117
 28. Kassem, Y., Gökçekuş, H., & Çamur, H. (2020). Artificial Neural Networks for Predicting the Electrical Power of a New Configuration of Savonius Rotor. *Advances in Intelligent Systems and Computing 10th International Conference on Theory and Application of Soft Computing, Computing with Words and Perceptions - ICSCCW-2019*, 872-879. doi:10.1007/978-3-030-35249-3_116

Publications in international refereed journals (in coverage of INTERNATIONAL INDEX)

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- **Reviewer:**

Prof. Dr. Gökçekuş cooperated as a subject reviewer for different international scientific journals like Journal of Hydrology, Desalination and Water Treatment, Environmental Earth Sciences, International Journal of Green Energy and so on.

- **Editor:**

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- Disaster Science And Engineering
- Discover Water