NECATİ AĞIRALİOĞLU

Dip. Ing. and Ph. D.
Professor of Civil Engineering
Antalya Bilim University,
07190, DÖŞEMEALTI- ANTALYA.

Personality data:
Necati Ağıralioğlu, 1947, Trabzon/Turkey, Married, 2 children.

Degrees:

Dip. Ing., in Civil Engineering, Technical University of Istanbul, in 1968.

Ph. D., in Civil Engineering, Technical University of Istanbul, in 1977.

Experiences:

Aug. 1968 - Apr. 1969	Engineer at State Water Supply Department, Trabzon.
Apr. 1969 - Sept. 1970	Military Service, Ankara.
Oct. 1970 - July 1978	Graduate student and research fellow, İstanbul.
July 1978 - July 1979	Post-doctoral fellow at Colorado State Univ., USA.
July 1979 - July 1980	Post-doctoral fellow at Mississippi State Univ., USA.
July 1980 - Apr. 1982	Assistant Professor at Tech. Univ. of Istanbul.
Apr. 1982 - Nov. 1988	Associate Professor at Tech. Univ. of Istanbul.
Nov. 1988 - Jan. 1993	Professor at Technical Univ. of Istanbul.
Jan. 1993 - Sept. 1993	Dean of Engineering Faculty at Sakarya Univ. Sakarya.
Sept. 1993 - Feb. 1995	Professor at Tech. Univ. of Istanbul, İstanbul.
Feb. 1995 - Feb. 1996	Professor, Eastern Mediterranean Univ., Cyprus.
Feb. 1996 – May 2003	Professor at Technical University of Istanbul; Istanbul.
May 2003 – Oct. 2009	Head of Hydraulic Div. at Tech. Univ. of Istanbul; İstanbul.
Mar. 2009 – Apr. 2014	Member of Board of Management at İSKİ, İstanbul
Jan. 2015 – June 2015	Professor at İstanbul Arel University.
Feb. 2017 – Now	Dean of Engineering Faculty, Antalya Bilim University, Antalya.

Supervised theses and dissertations:

13 Ph.D.'s and more than 35 M. Sc.'s.

Taught courses:

a) Undergraduate level:
Fluid Mechanics, Hydrology, Hydraulics, Water Resources Engineering, Dams.

b) Graduate level:
Computational Hydraulics, Irrigation Engineering, Planning and Design of Dams.

LIST OF PUBLICATIONS:

PAPERS, EXPANDED SCI, SSCI, AHCI (RESULTS: 40)

1. GENETIC PROGRAMMING FOR TURBIDITY PREDICTION: HOURLY AND MONTHLY SCENARIOS, By *Bahrudin Hrnija, Ali Danandeh Mehr, Behrem Sefik,* ***Necati Ağıralioğlu***, Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, 25(8), 992-997, 2019

2 **Streamflow map of the Eastern Black Sea Region, Turkey**
By: Eris, E.; **Agiralioglu, N.** SCIENTIA IRANICA Volume: 25 Issue: 3 Pages: 1048-1056 Published: MAY-JUN 2018

3. **PRACTICAL METHODS FOR THE ESTIMATION OF HYDROELECTRIC POWER POTENTIAL OF POORLY GAUGED BASINS,** By: **Agiralioglu, Necati;** Eris, Ebru; Andic, Gokhan; et al., SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI Volume: 35 Issue: 2 Pages: 347-358 Published: 2017

4. **Determination of Spatial Distribution of Precipitation on Poorly Gauged Coastal Regions: Eastern Black Sea Region,** By: Eris, Ebru; **Agiralioglu, Necati,** TEKNIK DERGI Volume: 28 Issue: 1 Pages: 7685-7702 Published: JAN 2017

5. **Numerical Investigation of Temporal Variation of Density Flow and Parameters**
By: Unes, F.; **Agiralioglu, N.**, JOURNAL OF APPLIED FLUID MECHANICS Volume: 10 Issue: 1 Pages: 81-94 Part: 1 Published: JAN 2017

6. **Wave power potential assessment of Aegean Sea with an integrated 15-year data**
By: Jadidoleslam, Navid; Ozger, Mehmet; **Agiralioglu, Necati,** RENEWABLE ENERGY Volume: 86 Pages: 1045-1059 Published: FEB 2016

7. **Calculation of mean velocity and discharge using water surface velocity in small streams,** By: Genc, Onur; Ardiciloglu, Mehmet; **Agiralioglu, Necati,** FLOW MEASUREMENT AND INSTRUMENTATION Volume: 41 Pages: 115-120 Published: MAR 2015

8.**The analysis of 2004 flood on Kozdere Stream in Istanbul,** By: Celik, Huseyin E.; Coskun, Gonca; Cigizoglu, H. Kerem**; et al.,** NATURAL HAZARDS Volume: 63 Issue: 2 Pages: 461-477 Published: SEP 2012

9. **Investigation of flow properties in natural streams using the entropy concept**
By: Ardiclioglu, Mehmet; Genc, Onur; Kalin, Latif; **et al.,** WATER AND ENVIRONMENT JOURNAL Volume: 26 Issue: 2 Pages: 147-154 Published: JUN 2012

10. **Remote Sensing and GIS Innovation with Hydrologic Modelling for Hydroelectric Power Plant (HPP) in Poorly Gauged Basins,** By: Coskun, H. Gonca; Alganci, Ugur; Eris,

Ebru; **et al,** WATER RESOURCES MANAGEMENT Volume: 24 Issue: 14 Pages: 3757-3772 Published: NOV 2010

11. **Effect of coastline configuration on precipitation distribution in coastal zones** By: Eris, Ebru; **Agiralioglu, Necati,** HYDROLOGICAL PROCESSES Volume: 23 Issue: 25 Pages: 3610-3618 Published: DEC 15 2009

12. **Modeling Monthly Mean Flow in a Poorly Gauged Basin by Fuzzy Logic** By: Toprak, Zeynel Fuat; Eris, Ebru; **Agiralioglu, Necati;** et al., CLEAN-SOIL AIR WATER Volume: 37 Issue: 7 Pages: 555-564 Published: JUL 2009

13. **Hydrological modeling of ungauged basins using Remote Sensing and GIS: a case study of Solakl Watershed in Turkey,** By: Alganci, U.; Coskun, H. G.; Usta, G.; **et al.** Conference: 28th European-Association-of-Remote-Sensing-Laboratories (EARSeL) Symposium and Workshops on Remote Sensing for a Changing Europe Location: Istanbul Tech Univ, Remote Sensing Div, ITU Maslak Campus, Istanbul, TURKEY Date: JUN 02-05, 2008 Sponsor(s): European Assoc Remote Sensing Labs, REMOTE SENSING FOR A CHANGING EUROPE Pages: 305-312 Published: 2009

14. **Effects of anthropogenic activities on the Lower Sakarya River,** By: Isik, Sabahattin; Dogan, Emrah; Kalin, Latif; **et al**., CATENA Volume: 75 Issue: 2 Pages: 172-181 Published: OCT 15 2008

15. **Wavelet regression technique for streamflow prediction,** By: Kuecuek, Murat; **Agiralioglu, Necati,** JOURNAL OF APPLIED STATISTICS Volume: 33 Issue: 9 Pages: 943-960 Published: NOV 2006

16. **Closure to "Comparative analysis of hydraulic calculation methods in design of microirrigation laterals" by Gurol Yildirim and Necati Agiralioglu,** By: Yildirim, G; Agiralioglu, N. JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING Volume: 132 Issue: 1 Pages: 85-88 Published: JAN-FEB 2006

17. **Closure to "Linear solution for hydraulic analysis of tapered microirrigation laterals" by Gurol Yildirim and Necati Agiralioglu,** By: Yildirim, G; **Agiralioglu, N.** JOURNAL OF IRRIGATION AND DRAINAGE, ENGINEERING Volume: 131 Issue: 5 Pages: 490-491 Published: SEP-OCT 2005

18. **Discussion of "Explicit hydraulic design of microirrigation submain units with tapered manifold and laterals" by John D. Valiantzas,** By: Yildirim, G; **Agiralioglu, N.** JOURNAL OF IRRIGATION AND DRAINAGE,, ENGINEERING Volume: 131 Issue: 3 Pages: 299-299 Published: MAY-JUN 2005

19. **Discussion of "Inlet pressure, energy cost, and economic design of tapered irrigation submains" by John D. Valiantzas,** By: Yildirim, G; **Agiralioglu, N**., JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING Volume: 131 Issue: 2 Pages: 220-224 Published: MAR-APR 2005

20. **Discussion of "Equivalent friction factor method for hydraulic calculation in irrigation laterals" by Pedro Vallesquino and Pedro L. Luque-Escamilla,** By: Yildirim, G; **Agiralioglu**, N. JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING Volume: 130 Issue: 4 Pages: 335-339 Published: JUL-AUG 2004

21. **Discussion of "Determining minor head losses in drip irrigation laterals. II: Experimental study and validation" by Luis Juana, Leonor Rodriguez-Sinobas, and Alberto Losada,** By: Yildirim, G; **Agiralioglu, N**. JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING Volume: 130 Issue: 4 Pages: 344-346 Published: JUL-AUG 2004

22. **Comparative analysis of hydraulic calculation methods in design of microirrigation laterals,** By: Yildirim, G; **Agiralioglu, N.** JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING Volume: 130 Issue: 3 Pages: 201-217 Published: MAY-JUN 2004

23. **Discussion of "Determining minor head losses in drip irrigation laterals. 1: Methodology" by Luis Juana, Leonor Rodriguez-Sinobas, and Alberto Losada** By: Yildirim, G; **Agiralioglu, N.** JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING Volume: 130 Issue: 3 Pages: 248-252 Published: MAY-JUN 2004

24. **Linear solution for hydraulic analysis of tapered microirrigation laterals** By: Yildirim, G; Agiralioglu, N. JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING Volume: 130 Issue: 1 Pages: 78-87 Published: JAN-FEB 2004

25. **Discussion of "Continuous outflow variation along irrigation laterals: Effect of the number of outlets" by John D. Valiantzas,** By: Yildirim, G; **Agiralioglu, N.** JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING Volume: 129 Issue: 5 Pages: 382-386 Published: SEP-OCT 2003

26. **Discussion of "New algorithm for hydraulic calculation in irrigation laterals" by Pedro Vallesquino and Pedro L. Luque-Escamilla,** By: Yildirim, G; **Agiralioglu, N.** JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING Volume: 129 Issue: 2 Pages: 142-143 Published: MAR-APR 2003

27. **Tests of a siphon-shaft spillway with cylindrical hoods,** By: **Agiralioglu, N**; Sasal, M; Karpuz, S, Conference: International Water Resources Engineering Conference Location: MEMPHIS, TN Date: AUG 03-07, 1998, Sponsor(s): Amer Soc Civil Engineers, Water Resources Engn; US Geol Survey; US EPA, Wetlands Div WATER RESOURCES ENGINEERING 98, VOLS 1 AND 2 Pages: 1440-1445 Published: 1998

28. **A simplified dynamic model for flood routing in rectangular channels** By: Keskin, ME; **Agiralioglu, N.,** JOURNAL OF HYDROLOGY Volume: 202 Issue: 1-4 Pages: 302-314 Published: DEC 25 1997

29. **HOOD CHARACTERISTICS FOR SIPHON-SHAFT SPILLWAYS**

By: **AGIRALIOGLU, N;** MUFTUOGLU, RF, JOURNAL OF HYDRAULIC ENGINEERING-ASCE Volume: 115 Issue: 5 Pages: 636-649 Published: MAY 1989

30. **ESTIMATION OF THE TIME OF CONCENTRATION FOR DIVERGING SURFACES,** By: **AGIRALIOGLU, N.** HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES Volume: 33 Issue: 2 Pages: 173-179 Published: APR 1988

31. **A DIMENSIONLESS SOLUTION OF LAG TIME FOR DIVERGING SURFACE** By: **AGIRALIOGLU, N.** NORDIC HYDROLOGY Volume: 18 Issue: 1 Pages: 59-62 Published: 1987

32. **ANALYTICAL SOLUTION OF LEAF-SHAPED BASIN FLOW** By: **AGIRALIOGLU, N.** HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES Volume: 30 Issue: 3 Pages: 407-424 Published: 1985

33. **A COMPARISON OF WATER LAG TIMES FOR CONVERGING AND PLANE SURFACES,** By: **AGIRALIOGLU, N.** NORDIC HYDROLOGY Volume: 16 Issue: 3 Pages: 169-176 Published: 1985

34. **CORRECTION,** By: **AGIRALIOGLU, N.** JOURNAL OF THE HYDRAULICS DIVISION-ASCE Volume: 108 Issue: 7 Pages: 883-884 Published: 1982

35. **LAG TIME FOR DIVERGING OVERLAND-FLOW,** By: SINGH, VP; **AGIRALIOGLU, N**. NORDIC HYDROLOGY Volume: 13 Issue: 1 Pages: 39-48 Published: 1982

36. **Diverging overland flow,** By: Singh, Vijay P.; **Agiralioglu, Necati**, ADVANCES IN WATER RESOURCES Volume: 4 Issue: 3 Pages: 117-124 Published: SEP 1981

37 .**OVERLAND-FLOW ON A DIVERGING SURFACE,** By: **AGIRALIOGLU, N**; SINGH, VP, HYDROLOGICAL SCIENCES BULLETIN-BULLETIN DES SCIENCES HYDROLOGIQUES Volume: 26 Issue: 2 Pages: 137-147 Published: 1981

38. **WATER ROUTING ON DIVERGING-CONVERGING WATERSHEDS** By: **AGIRALIOGLU, N.**, JOURNAL OF THE HYDRAULICS DIVISION-ASCE Volume: 107 Issue: 8 Pages: 1003-1017 Published: 1981

39. **DIVERGING OVERLAND-FLOW: 1. ANALYTICAL SOLUTIONS** By: SINGH, VP; **AGIRALIOGLU, N.** NORDIC HYDROLOGY Volume: 12 Issue: 2 Pages: 81-98 Published: 1981

40. **DIVERGING OVERLAND-FLOW: 2. APPLICATION TO NATURAL WATERSHEDS,** By: SINGH, VP; **AGIRALIOGLU, N.** NORDIC HYDROLOGY Volume: 12 Issue: 2 Pages: 99-110 Published: 1981

OTHER INTERNATIONAL JOURNAL PPAPERS

1. **Ağıralioğlu,** N., and Singh, V. P., "Time of Concentration for Diverging Overland Flow", Journal of the Indian Association of Hydrologists, Vol. IV, No: 3 and 4, pp.1-7, December 1980.
2. **Ağıralioğlu**, N., and Singh, V. P., "Kinematic Wave Nomographs for Time of Concentration and Lag Time, "Irrigation and Power Journal, India. Vol. 38, No. 4, pp. 351-358, October 1981.
3. **Ağıralioğlu**, N., "Estimation of the Time of Concentration for Diverging Surface", ESCAP, Water Resources Journal, (reprint), pp. –27, December 1988.
4. Ebru, E, **Ağıralioğlu**, N. Homogeneity and trend analysis of hydrometeorological data of the Eastern Black Sea Region, Turkey, Journal of Water Resource and Protection, 4, 99-105, 2012.
5. Taş, Erkin**; Ağıralioğlu, Necati;** Mehr, Ali Danandeh; Tur, Rifat, Energy Loss Investigation in Submarine Pipelines: Case Study of Cyprus Water Supply Project, Advance Researches in Civil Engineering, ISSN: 2645-7229, Vol. 2, Issue 2, Pages 31-44, 2020.

INTERNATIONAL CONFERENCE PAPERS

1. **Ağıralioğlu,** N., and Singh, V. P., "A Kinematic Model for Diverging Overland Flow", Proceedings of the International Conference on Water Resources Development, Taipei, Taiwan, pp. 587-597, May 1980.
2. **Ağıralioğlu**, N., and Singh, V. P., "Radial Flows in Hydrology", International Symposium on Water Resources Systems, University of Rookee, India, pp. 11/6/29-34, October 1980.
3. **Ağıralioğlu,** N., "Effect of Catchment Geometry on Time of Concentration", Proceedings of the Third International Conference on Urban Storm Drainage, Göteburg, Sweden, pp. 177 – 184, June 1984.
4. **Ağıralioğlu,** N., Saltabaş, L., and Sümer, B., "Time of Concentration for Small Surface"**,** Proceedings of The International Symposium on Highway Pollution, pp. 257 –264, Madrid, 18-22 May, 1992.
5. **Ağıralioğlu,** N., Yanmaz, A. M., and Numan, T., "Cliff Boundary in Shoreline Model: A Case Study", The Second International Conference on The Mediterranean Coastal Environment, Spain, pp. 1161-1171, 1995.

6. **Ağıralioğlu,** N., Karpuz, S., Şaşal, M., and Saltabaş, L**.,** "Navigation Improvement for Lower Sakarya River", Proceedings of International Conference on European River Development, pp. 17 – 24, Budapest, Hungary, 16-18 April, 1998.
7. **Ağıralioğlu,** N., Şaşal, M., and Karpuz, S., "Tests of Siphon-Shaft Spillway with Cylindrical Hoods", 1998 ASCE International Water Resources Engineering Conference, Memphis USA, 3-7 August 1998.
8. **Ağıralioğlu,** N., Şaşal, M., Karpuz, S., and Saltabaş, L**.,** "Navigation Capability of the Lower Sakarya River"**,** 1999 ASCE Conference on International Water Resources Engineering, 1999, Seattle, August 1999.
9. **Ağıralioğlu,** N., "Engineering and Technology Degrees in Turkey and USA", 28. International Symposium on Engineering Education in the Third Millennium, Vol. 2, pp. 1097-1102, Istanbul, 1999.

10. Ağıralioğlu, N., Aytek, A., and Üneş, F., "Determination of Seepage under a Dam with an Upstream Blanket", International Symposium on Dam Foundations, Problems and Solutions, Antalya, pp. 469-481, 23 September 1999.

11. Ağıralioğlu, N., Yılmaz, L., and Saltabaş, L., "The Determination of the Water Use capacity of the Sapanca Lake in Turkey", Proceedings of the International Conference on Water, Environment, Ecology, Socio-economics and Health Engineering, Seoul, Korea, pp. 162-166, October 18-21, 1999.

12. Yıldırım, G. and **Ağıralioğlu**, N., "Computer Aided Design of Lateral Pipes in Drip Irrigation", Proceedings of International Symposium on Water Resources and Environmental Impact Assessment, Istanbul, pp.267-279, 11 –13 July 2001.

13. Küçük, M., and **Ağıralioğlu**, N., "Comparison of API and British Standards for Environmental Loads on Piled Marine Structures", Proceedings of International Symposium on Water Resources and Environmental Impact Assessment, Istanbul, pp.281-294, 11-13 July 2001.

14. **Ağıralioğlu,** N., Işık, S., Şaşal, M, and Saltabaş, L., "Downstream Effects of Dams: The Lower Sakarya River", Proceedings of the International Conference on Water Resources Management in Arid Regions, Volume 1, pp. 611-620, March 23-27, Kuwait, 2002.

15. Küçük, M., **Ağıralioğlu,** N., "Evaluation of Environmental Loads on Marine Structures at the Marmara Sea", Proceedings of the International Conference on Water Resources Management in Arid Regions, Volume 1, pp. 673-686, March 23-27, Kuwait, 2002.

16. Mohamed, H.G., and **Ağıralioğlu,** N., "Steady-State Seepage under Hydraulic Structures", Proceedings of the International Conference on Water Resources Management in Arid Regions, Volume 2, pp. 131-140, March 23-27, Kuwait, 2002.

17. **Ağıralioğlu,** N., and Yıldırım, G., "Determining Water Requirements for Landscape Irrigation in Istanbul Region", Proceedings of the International Conference on Water Resources Management in Arid Regions, Volume IV, pp. 359-368, March 23-27, Kuwait, 2002.

18. Yıldırım, G., and **Ağıralioğlu,** N., "Variation of Total Friction Head Losses and Uniformity Coefficients Based on Inlet Pressure Head in Trickle Irrigation Laterals", Proceedings of the International Conference on Water Resources Management in Arid Regions, Volume IV, pp. 435-444, March 23-27, Kuwait, 2002.

19. Küçük, M., Tiğli, E., **Ağıralioğlu, N.,** Wavelet Transform Analysis for Nonstationary Rainfall-Runoff-Temperature Processes. Conference on Water Observation and Information System for Decision Support, 25-29 May, Ohrid, FY Republic of Macedonia, **2004.**

20. Küçük, M., **Ağıralioğlu, N.,** The Comparison of Generated Daily Stream Flow Data Using Wavelet and Markov Models. *BHS International Conference Hydrology: Science & Practice for the 21st Century, July, London, UK*. **2004**.

21. MS Günel, MC Demirel, M Küçük, **N Agiralioglu**, Determination of Rainfall Time Distributions of Turkey by Using Cluster Analysis, Conference: Fifth Annual Meeting of the European Meteorological Society, At: Utrecht – NL, 12-16 Sept. 2005.

22. Üneş, F., **Ağıralioğlu N**., Demirci M.; Simulation of Density Flow in Dam Reservoirs Using Two Dimensional Mathematical Models; Internatıonal Balkans Conference on Challenges of Cıvıl Engıneerıng, 2005.

23. Ağıralioğlu N., Aytek, A., Üneş, F.; Determination of Seepage Under a Dam with an Upstream Blanket; ICOLD (International Commission on Large Dams) Dam Foundations Problems and Solutions, 2006.

24. Alganci, U., Coskun, H.G., **Agiralioglu, N.,** Usta, G., Cigizoglu, H. K., Aksoy, H., Yilmaz, L., Eris, E., and Dagci, M. ,2008, *"Hydrological modeling of ungauged basins using Remote*

Sensing and GIS: a case study of Solaklı Watershed in Turkey" ,28th EARSeL Symposium and Workshops, Remote Sensing for a Changing Europe, 2-7 June, Istanbul, Turkey, Abstract, 2008.

25. Eris, E., **Agiralioglu,** N., "*Determination of Relationship Between Precipitation and Geographical/Topographical Variables*", The 4th International Student Conference on Advanced Science and Technology (ICAST2010), Ege University, 305-306, *Poster,* 2010.

26. M Ardiclioglu, H Bilgin, O Genc, **N Agiralioglu**, Determination of discharge by entropy concept in natural river, - Fourth International Conference on Water Observation and Information System for Decision Support, BALWOIS, Ohrid, Macedonia, 2010.

27. MG Ekren, **N Ağıralioğlu**, HG Coşkun, Case Studies III: Secure Fish Passage Design for Sustainable Fish Populations: A Case Study in Vereinigte Weißeritz River, University of Massachusetts - AmherstScholarWorks@UMass AmherstInternational Conference on Engineering and Ecohydrology for Fish PassageInternational Conference on Engineering andEcohydrology for Fish Passage 2016.

28. E Taş, **N Ağıralioğlu**, Comparison of Friction Losses in Long Polyethylene Pipe Systems Using Different Formulas, International Symposium on Urban Water and Wastewater Management Proceedings, Denizli, 2018.

29. N Ağıralioğlu, A Danandeh Mehr, Ö Akdeğirmen, E Taş, Cyprus water supply project: features and outcomes, 13th International Congress on Advances in Civil Engineering, 12-14 September 2018, Izmir/TURKEY, 2018.

30. Necati Ağıralioğlu, Ali Danandeh Mehr, Principals Of Planning And Realization Of Greater Melen Water Supply Project, Turkey, Conference: 4. International Conference on Civil , Environmental, Geology and Mining Engineering (ICOCEM - Trabzon 2019)At: Trabzon, Turkey, April 2019.

31. Taş E., **Ağıralioğlu N.** Danandeh Mehr A., Tür R., "A Brief Review of Experimental Friction Loss Studies for Polyetylene Pipes", Development and Modernization of Production, Sarajevo, BOSNA HERSEK, 18-20 Eylül 2019, pp.52-52, 2019.

32. Ozturk, Izzet; **Agiralioglu, Necati**; Ozdemir, Omer; Akinci, Nasir, Water Supply from Turkey to Cyprus Island with Suspended Marine Pipeline, International Conference on Civil Infrastructure and Construction (CIC, 2020), 818-827, February 2020, Doha-Qatar.

NATIONAL JOURNAL PAPERS

1. **Ağıralioğlu**, N., "Submerged Flow on Sharp Crested Weirs", Technical Bulletin of State Hydraulic Works, (in Turkish), Vol. 28, pp. 88 –99, May 1978.
2. Ilter, K., and **Ağıralioğlu**, N., "Determination of Reservoir Sedimentation", Technical Bulletin of State Hydraulic Works, (in Turkish), Vol. 61, pp. 3 -15, 1987.
3. Çataklı, O. N., **Ağıralioğlu**, N., and Uyumaz, A. "Principles of Water Power Development"**,** (in Turkish), Bulletin of the Electrical Works Administration, No: 124, pp. 1-7, 1986.
4. **Ağıralioğlu,** N., Kapdaşlı S., and Savcı, M.E**.,** "Mathematical Modeling for Environmental Effects on Marine Structures"**,** (in Turkish), Environmental Bulletin of the Bosphorus University, No: 2, pp.10-14, 1992.
5. Üneş, F., **Ağiralioğlu**, N.,"Yoğun dalmış hazne akımlarının matematik modelle incelenmesi"**, İTÜ** Dergisi/d, Mühendislik**,** Cilt 3, Sayı 6, Sayfa: 47 – 58, 2004.
6. Yildirim G, **Agiralioglu,** N., "Variataion of Design Parameters in Micro-irrigation Laterals", ARI, The Bullettin of the Istanbul Technical University, 54(1) 42-53, 2004.
7. Mohamed, H.G., **Ağiralioğlu**, N., "Eğimli palplanş ve temel zemin özelliklerinin hidrolik yapı altındaki sızmaya etkisi, **İTÜ** dergisi/d, Mühendislik**,** Cilt 4, Sayı 6, Sayfa: 82-92, 2005.
8. Aytek, A., **Ağiralioğlu**, N., "Akarsu deltalarının oluşumunun matematik modellemesi, İTÜ dergisi/d, Mühendislik**,** Cilt 5, Sayı 5, Sayfa: 33-44, 2006.
9. Küçük, M., **Ağiralioğlu**, N.," Dalgacık Dönüşüm Tekniği Kullanılarak Akım Serilerinin Modellenmesi**", İTÜ** dergisi/d, Mühendislik**,** Cilt 5, Sayı 2, Sayfa: 69-79, 2006.
10. Yıldırım, G., A., **Ağiralioğlu**, N.,"Mikrosulama sistemi lateral borularının tasarımında hesap metotlarının karşılaştırma analizi, itü dergisi/d, Mühendislik**,** Cilt 7, Sayı 3, Sayfa: 86-99, 2008.
11. Algancı, U., Coşkun, H. G., Eriş, E., **Ağıralioğlu,** N., Cığızoğlu**,** K., Yılmaz, L. Toprak, Z. F., *"Akım Ölçümleri Olmayan Akarsu Havzalarında Hidroelektrik Potansiyelin Belirlenmesine Yönelik Uzaktan Algılama ve CBS ile Hidrolojik Modelleme",* TBMMOB Harita ve Kadastro Mühendisleri Odası, Jeodezi, Jeoinformasyon ve Arazi Yönetimi Dergisi, Sayı 101-12.THBTK Özel Sayı, 5-11, 2010.
12. **Ağıralioğlu, N**., An approach to determine the quality of universities in Turkey Journal of Higher Education and Science, Vol.2, No,3, p.147-165. 2012

13. **Ağıralioğlu, N.**, Postgraduate education in Turkey, Journal of Higher Education and Science, Vol..3, No. 1, pp 1-19, 2013.

14. Eriş, E., Ağıralioğlu, N., Ölçümleri Az Olan Kıyı Bölgelerinde Yağışın Yerel Dağılımının Belirlenmesi: Doğu Karadeniz Bölgesi, İMO Teknik Dergi, p. 7685-7702, 2017.

15. F Mahnamfar, Y Abdollahzadehmoradi, **N Ağıralioğlu**, Flood risk analysis of residential areas at downstream side of Elmali dam, Academic Platform Journal of Natural Hazards and Disaster Management 1(1), 49 – 58, 2020.

NATIONAL CONCERENCE PAPERS

1. **Ağıralioğlu**, N., "Effects of Velocity Distribution on Submerged Flow in Sharp Crested Weirs", (in Turkish), 6th Science Congress of the Scientific and Technical Research Council of Turkey, pp. 37- 48, Izmir, 1977.
1. **Ağıralioğlu,** N., "Comparison of Determination Methods for Time of Concentration", (in Turkish), 4. Engineering Week, pp. 1-18, Isparta, 1988.
2. **Ağıralioğlu**, N., "Determination of the Potential Landslide," (in Turkish), Symposium on The Catastrophic Flood at Trabzon and Surrounding Area in 20 June 1990, Trabzon, 22-24 November 1990.
3. **Ağıralioğlu**, N.," Determination of Infiltration and Surface Runoff Hydrographs Using A Mathematical Model", (in Turkish), Seminar on Computer Application in Water Resources, pp. 8.1-8.32, Urfa, 1991.
4. Keskin, M.E., and **Ağıralioğlu**, N., "Flood Routing for Different Cross Sectional Channels", (in Turkish), 6. Engineering Week, Isparta, 1 June 1990.
5. Sandalcı, M., **Ağıralioğlu**, N., and Savcı, M.E., "Long Shore Sediment Transport and Interaction between Structures and Shore", (in Turkish), 3. Symposium on Computer Application in Civil Engineering, pp. 404 –418, Istanbul, 15-18 June 1992.
6. Keskin, M.E., and **Ağıralioğlu**, N. "Flood Routing in Storm Water Canals Using Kinematic Model", (in Turkish), 1. Conference on the Scientific Cooperation between Turkish States, pp. 296 –305, Nicosia, Cyprus, 22-24 June 1992.

7. Güldal, V., and **Ağıralioğlu**, N.,” Effects on the Keban Reservoir on Micro Climate”, (in Turkish), Conference on Development of Water and Land Resources for 40. Installation Year of State Hydraulic Works, Vol.1, pp. 417 –435, 1994.

8. Keskin, M.E., **Ağıralioğlu**, N., “Investigation of Flood Waves Using Mathematical Models”, (in Turkish), 8. Engineering Week, Isparta, 26-28 May 1994.

9. **Ağıralioğlu**, N., “Demirpençe H., “Modeling of Breach Occurrence in Earth Fill Dams”, (in Turkish), IV. Symposium on Computer Application in Civil Engineering, 14-16 June 1994.

10. Numan, T., and **Ağıralioğlu**, N., “Long Term Prediction of Water Demand and Suggestions for Solution in Northern Cyprus”, (in Turkish), II. Technical Congress on the Developments in Civil Engineering, pp. 287 –296, Bosphoros University, Istanbul, 1995.

11. Keskin, M. E., and **Ağıralioğlu,** N., “A Mathematical Model for Flood Routing”, (in Turkish), III. Technical Congress on the Developments in Civil Engineering, pp. 347- 351, Ankara Middle East Technical University, 15-16 September 1997.

12. Birpınar M. E., and **Ağıraloğlu,** N., “Discharge-Drown Relationship for Steady Flow in Eccentric Wells in an Island”**,** (in Turkish), III. Technical Congress on the Developments in Civil Engineering, pp. 347- 351, Ankara Middle East Technical University, 15-16 September 1997.

13. **Ağıralioğlu,** N., and Yılmaz, L., “Determination of Using Capacity for Sapanca Lake under Winter Condition”, (in Turkish), II. National snow Congress, pp.1-6, 21-23 February Erzurum, Turkey, 2000.

14. Şaşal, M., and **Ağıralioğlu**, N., “Evaluation of the Long Shore Sediment Transport Models”, (in Turkish), 3. National Conference on the Coastal and Marine Areas in Turkey, pp. 653-660, Istanbul, 26-29 June 2001.

15. **Ağıralioğlu**, N., “Need of a Central Library in Istanbul”, (in Turkish), 2001 Symposium on Golden Horn, Istanbul, pp. 318-328., 3-4 May 2001.

16. Küçük, M., **Ağıralioğlu, N.,** Stationary and Non-stationary Time Series Analysis by using Short Time Fourier Transform. *Third National Atmosphere Symposium, 19-21 March, Istanbul,* **2003.**

17. Küçük, M., **Ağıralioğlu, N., 2003.** Comparison Earthquake and Wave Dynamic Effects on the Marine Structures in The Marmara Sea. *Fifth National Conference on Earthquake Engineering, 26-30 May, Istanbul, Turkey, 2003.*

18. Mohamed, H.G., and **Ağıralioğlu,** N., Eğimli Palplanş ve Temel Zemini Özelliklerinin Baraj Altındaki Sızmaya Etkisi, 1. Ulusal Barajlar ve Hidrolelektrik Santrallar Sempozyumu, Ankara, 203-213, 2004.

19. Üneş, F., and **Ağıralioğlu,** N., Karacuha, G., Baraj Haznesindeki Yoğunluk Akımları ve Isı Transferi, 1. Ulusal Barajlar ve Hidrolelektrik Santrallar Sempozyumu, Ankara, 615-627, 2004.

20. Küçük, M., **Ağıralioğlu, N.,** Daily Streamflow Analysis using Short Time Fourier Transform and Continuous Wavelet Transform. *IV National Congress on Hydrology and Seminar on New methods in Hydrology. 21-25 June, Istanbul, Turkey,* **2004.**

21. Mesci, S. B., **Ağıralioğlu**, N., Eriş, E., *"Dolgu Barajlarda Sızma Hattının Belirlenmesi ve Kullanılan Metotların Karşılaştırılması", 1.Ulusal Baraj Güvenliği Sempozyumu ve Sergisi, Ankara, 171–182, 2007.*

22. Algancı, U., Coşkun, G., **Ağıralioğlu**, N., Aksoy, H., Yılmaz, L., Cığızoğlu K. H., Toprak, Z. F., Eriş, E., Andiç, G., Kaya, D., Usta, G., *"Solaklı Havzasının Uzaktan Algılama ve Coğrafi Bilgi Sistemi ile Hidrolojik Amaçlı İrdelenmesi", III. Ulusal Su Mühendisliği Sempozyumu, Gümüldür, 433-443, 2007.*

23. Şahin, M., Cığızoğlu, K. H., **Ağıralioğlu**, N., Aksoy, H., Yılmaz, L., Coşkun, G., Toprak, Z. F., Eriş, E., Andiç, G., Algancı, U., Kaya, D., *2007:* "*Doğu Karadeniz Havzasında Yağış-Akış İlişkisinin Yapay Sinir Ağları ile Belirlenmesi*", *III. Ulusal Su Mühendisliği Sempozyumu, Gümüldür, 533-544, 2007.*

24. Andiç, G., **Ağıralioğlu**, N., Yılmaz, L., Aksoy, H., Cığızoğlu, K. H., Coşkun, G., Toprak, Z. F., Eriş, E., Şahin, M., Algancı, U., Kaya, D., "*Akım Ölçümleri Yetersiz Havzalarda Aylık Akımların ve Hidroelektrik Potansiyelin Belirlenmesi*", *III. Ulusal Su Mühendisliği Sempozyumu, Gümüldür, 587-59, 2007.*

25. **Ağıralioğlu**, N., Eriş, E., Algancı, U., Toprak, Z. F., Yılmaz, L., Cığızoğlu, K. H., Coşkun, G. H., Andiç, G., "*Akım Ölçümü Az Olan Havzalarda Hidroelektrik Potansiyelin Belirlenmesi: Doğu Karadeniz Bölgesi*", 5. Dünya Su Forumu Bölgesel Hazırlık Süreci, Türkiye Bölgesel Su Toplantısı, Su ve Enerji Konferansı, Artvin, Bildiriler Kitabı II: 1-32 (Çağrılı Bildiri), 2008.

26. Algancı, U., Coşkun, H. G., Eriş, E., **Ağıralioğlu**, N., Cığızoğlu, K., Yılmaz, L., Toprak, Z. F., *"Akım Ölçümleri Olmayan Akarsu Havzalarında Hidroelektrik Potansiyelin*

Belirlenmesine Yönelik Uzaktan Algılama ve CBS ile Hidrolojik Modelleme, 12. Türkiye Bilimsel Harita ve Teknik Kurultayı, Ankara, Özet Kitabı, 144-145, 2009.

27. **Ağıralioğlu**, N., Eriş, E., "*Akarsu Düzenlemesinde Gelişmeler*", Su Yapıları Sempozyumu, Samsun, 1-19, 2009.

28. Eriş, E, **Ağıralioğlu**, N., Kıyı Alanlarında Kıyı Şeklinin Yağış Dağılımına Etkisi, VI. Ulusal Hidroloji Kongresi, Bildiriler Kitabı, S. 428-438, 22-24 Eylül 2010.

29. O Genç, M Ardiçlioğlu, **N Ağıralioğlu**, M Vapur, Taşkınlarda Akım Özelliklerinin Derinliğe Bağlı Belirlenmesi, Taşkın ve Heyelan Sempozyumu, 453-461, Trabzon, 24-26 Ekim 2013.

30. Kesgin, E., & Ağıralioğlu, N. (2014). 'Numerical Investigation of Seepage Flow Net in Tailings Earthen Dam'. International Civil Engineering & Architecture Symposium for Academicians 2014, Hydraulic and Hydrological Engineering. ICESA 2014.

31. Üneş Fatih, **Ağiralioğlu Necati**, Demirci Mustafa; Simulation of Density Flow and Velocity Variation in Dam Reservoirs; SimHydro 2014/ Modelling of rapid transitory flows, 2014.

32. **N Ağıralioğlu**, MN Balov, A Altunkaynak, M Özger, Su Yapılarında Balık Elekleri Tasarımı, **4. Su Yapıları Sempozyumu, 268-277.** Antalya, 19-20 Kasım 2015.

33. **N Ağıralioğlu,** M Özger, Y Abdollahzadehmoradi, Çanakkale-Bigalı Kalesi Kıyı Koruması, 468-480, 9. Kıyı Mühendisliği Sempozyumu, Adanan, 1-3 Kasım 2018.

34. **Necati Ağıralioğlu,** Yasin Abdollahzadehmorad, Kumsal Korumasında Batmış Jeotüplerin Kullanılması: İncekum Kumsal Koruması, Antalya, 95-106, 9. Kıyı Mühendisliği Sempozyumu, Adanan, 1-3 Kasım 2018.

BOOKS

1. N Ağıralioğlu, Sifonlu şaft savaklarda akım durumunun etüdü ve başlık şeklinin geliştirilmesi, PhD Dissertation, (Investigation of flow in siphon-shaft spillway and improving of its hood shape), İTÜ Fen Bilimleri Enstitüsü, 1976.

2. Erkek, C., and **Ağıralioğlu**, N., Water Resources Engineering, (in Turkish), Beta Publishing Company, 358 p, 7. Edition, Beta Publication Company, Istanbul, 2013.

3. Erkek, C., and **Ağıralioğlu**, N., Solved Problems of Water Resources Engineering, (in Turkish), The Istanbul Technical University Press, 7. Edition, 210 p., Beta Publication Company, Istanbul, 2019.

4.Ağıralioğlu, N., Determination of Design Runoff and Parametric Models**,** in the Course of Hydrologic Analysis and Design, (in Turkish), (Lecture Notes), pp.148-204, 1991.

6. Ağıralioğlu, N., Using Time Wisely, (translation, in Turkish), Press of the Cultural Ministry, 318 p., Ankara, 1993.

6. Ağıralioğlu, N., Planning and Design of Dams, Volume 1, Second Edition, (in Turkish), Turkish Water Foundation, Istanbul, 262 p., 2006.

7. Ağıralioğlu, N., Planning and Design of Dams, Volume 2, (in Turkish), Turkish Water Foundation, Istanbul, 296 p., 2005.

8. Ağıralioğlu, N., Planning and Design of Dams, Volume 3, (in Turkish), Turkish Water Foundation, Istanbul, 322 p., 2007.

9. Ağıralioğlu, N., Dam Safety, (in Turkish), Beta Publishing Company, Istanbul, 275 p., 2011.

10. Ağıralioğlu, N., Atatürk Dam and Effects of it on Turkey, (in Turkish), Scala Publisher, Istanbul, 474 p., 2014.

11. Ağıralioğlu, N., Computational Hydraulics, (in English), (Lecture Notes), 100 p., 2014.

12. Ağıralioğlu, N., Cyprus Water Project and its Effects on the Region, Kalyon Pub., 478 p., 2016.

SCIENTIFIC REPORTS

1. **Ağıralioğlu**, N., Waste Water Treatment for Adana City, (in Turkish), Dip. Ing. Thesis, İstanbul Technical University, 48 p., 1968.

2. Erkek, C., Müftüoğlu, F., **Ağıralioğlu,** N., and Saltabaş, L., Feasibility report on the Navigation Possibilities of Sakarya River, (in Turkish), Technical Report, Istanbul Technical University, Istanbul, 114 p., 1976.

3. Ağıralioğlu, N., Investigation of Flow in Siphon-Shaft Spillways and Development of their Hood Shapes, (in Turkish), Ph.D. Dissertation, Istanbul technical University, 206 p., 1977.

7. Singh, V. P., and **Ağıralioğlu,** N., A Mathematical Investigation of Diverging Flow: Analytical Solutions, Technical Report, MSSU-EIRS-80-3, Engineering and Industrial Research Station, Mississippi State University, 175 p., 1980.

8. **Ağıralioğlu**, N., and Singh, V. P., A Mathematical Investigation of Diverging Flow: 2. Numerical Solutions and Applications, Technical Report, MSSU-EIRS-80-4, Engineering and Industrial Research Station, Mississippi State University, 95 p. 1980.
9. **Ağıralioğlu,** N., A Combined Runoff Model for Watersheds, (in Turkish), Thesis submitted for associate Professorship at Istanbul Technical University, 126 p., 1981.
10. **Ağıralioğlu,** N., and others, Storm Drainage and Waste Water Treatment Project at the Area of İzmıt Regional Authority of State Petroleum Company, (in Turkish), Technical Reports, Istanbul Technical University, 3 Volumes, Investigation report, 79 p., Preliminary design, 114 p., and Application Design, 53 p, 1983.
11. **Ağıralioğlu,** N., and others, (in Turkish), Preliminary Report, Istanbul Technical University, 90 p., 1986.
12. **Ağıralioğlu,** N., Erkek, C., Kapdaşlı, S., and Uyumaz, A., "Increasing the Capacity of Reservoir and Protecting the Shore of Terkos Lake, (in Turkish), Technical report, Istanbul Water Authority, 128 p., 1987.
13. **Ağıralioğlu,** N., Erkek, C., Savcı, M.E., Improvement of Land for Housing at Iğneada, (in Turkish), Final report, Istanbul technical University, 68 p., 1990.
14. Erkek, C., **Ağıralioğlu,** N., Kapdaşlı, S., and Savcı, M. E., Investigation of Improvement of Marine Structures at Beymelek Lagoon, (in Turkish), Final Report, Istanbul technical University, 1990.
15. Kapdaşlı, S., Erkek, C., and **Ağıralioğlu**, N., Improvement of Silivri Yacht Harbor and Shore Protection, (in Turkish), Final report, Istanbul technical University, 1991.
16. **Ağıralioğlu**, N., Erkek, C., Karahan, M. E., Kapdaşlı S., and Savcı, M.E., Investigation of Improvement of River Mouth in Manavgat River", (in Turkish)," Final Report, Istanbul Technical University, 1991. Ünsal, İ., Karahan, E., **Ağıralioğlu,** N., and others, Physical Model Studies for Erenler Hydroelectric Plant, (in Turkish), Final report, Istanbul Technical University, 1992.
17. **Ağıralioğlu,** N., Savcı, M.E., and others, Physical Model Studies for Fishery Harbor at Efirli-Ordu, (in Turkish), Final Report, Istanbul Technical University, 1992.
18. Savcı, M.E., Erkek, C., **Ağıralioğlu,** N., and Aksoy, H., Physical Model Studies for Yacht Harbor at Kumburgaz - Güzelce in Istanbul, (in Turkish), Final Report, Istanbul Technical University, 110 p., 1993.

19. Ağıralioğlu, N., and others, Environmental Impact Assessment for Toprak Drug Facilities at Sakarya, (in Turkish), Technical Report, Sakarya University, 78 p., 1993.

20. Ağıralioğlu, N., Principles of River regulations and Shore Protection, (in Turkish), Seminar Notes for Educational Center of Local Authorities", 70 p., 1994.

21. Ağıralioğlu, N., Storm Water and River Regulation Projects at Gaziosmanpaşa in Istanbul, (in Turkish), Final report, Istanbul Technical University, 1994.

22. Savcı, M.E., and **Ağıralioğlu,** N., Investigation of Sedimentation and Dredging in Fishery Harbor at Karaburun in Istanbul, (in Turkish), Final report, Istanbul Technical University, 32 p., 1995.

23. Ağıralioğlu, N. and Karahan, M. E., Technical Report on River Mouth of Ayamama Creek, (in Turkish), Final report, Istanbul Technical University, 1997.

24. Ağıralioğlu, N., Regulation design for River Mouth of Ayamama Creek, (in Turkish), Final report, Istanbul Technical University, 1997.

25. Ağıralioğlu, N., Design of Storm Water Drainage for Çırpıcı Area in Istanbul, (in Turkish), Final report, Istanbul Technical University, 1997.

26. Ağıralioğlu, N., Productivity of Universities in Turkey", Engineering Foundation, 23 p., 1997.

27. Ağıralioğlu, N. and others, Feasibility Study of Inland Navigation on Lower Sakarya Rive", Sakarya University, 192 s., 1998.

28. Ağıralioğlu, N., "Design of Storm Water Drainage for Çobançeşme Creek in Istanbul", (in Turkish), Final report, Istanbul Technical University, 1998.

29. Ağıralioğlu, N., Regulation of River and Improvement of River Mouth for Kemiklidere Creek-Pendik in Istanbul (in Turkish), Final report, Istanbul Technical University, 1998.

30. Ağıralioğlu, N., and others, Navigation Feasibility Study of Connecting the Sakarya River with İzmit Bay, (in Turkish), Final report, Istanbul Technical University, Sakarya University, 280 p., 1999.

31. Ağıralioğlu, N., River Mouth Regulation on Dedeoğlu Creek at Beykoz-Çubuklu, Istanbul, (in Turkish), Technical Report, Istanbul Technical University, 1999.

32. Ağıralioğlu, N., Eren, R.H., and Yıldırım, G., Investigation of Water Resources for Landscape Irrigation in Istanbul Region, (in Turkish), Technical Report, Istanbul Technical University, 116 p., 2000.

33. Ağıralioğlu, N., Estimation of Water Yield of the Small Dam Reservoirs in the İstanbul-Maltepe Region for Landscape Irrigation, Technical Report, Istanbul Technical University, 2000.

34. Ağıralioğlu, N., (group Study), Izmit Bycrosssing Effects on the Hydrological Characteristics of the Marmara Sea, Gebze Higher Education Technology Institute, Final Rep0rt, 2002.

35. Ağıralioğlu, N., "River Mouth Regulation on Ayvalı Creek at Zeytinburnu, Istanbul", (in Turkish), Technical Report, Istanbul Technical University, 2002.

36. Ağıralioğlu, N., River Mouth Regulation on Sarıyer Creek at Istanbul, (in Turkish), Technical Report, Istanbul Technical University, 2003.

37. Ağıralioğlu, N., River Mouth Regulation on Kadıköy- Maltepe Region Creeks at Istanbul, (in Turkish), Technical Report, Istanbul Technical University, 2003.

38. Ağıralioğlu, N., Water Resources for Tekirdağ - Saray City Demand, (in Turkish), Technical Report, Istanbul Technical University, 2004.

39. Ağıralioğlu, N., River Mouth Regulation on Silivri-Çantaderesi Creek at Istanbul, (in Turkish), Technical Report, Istanbul Technical University, 2005.

40. Ağıralioğlu, N., Cığızoğlu, K., Yılmaz, L., Gonca Coşkun, Aksoy, H., Toprak F. Z., Eriş, E., Algancı, U., Andiç, G., Usta G., Beşiktaş, M., Ülken, İ., Akım Ölçümleri Olmayan Havzalarda Teknik Hidroelektrik Potansiyelin Belirlenmesi: TÜBİTAK Projesi Raporu, 187 s. 2009.

41. Ağıralioğlu, N., Eriş, E: *Akarsu Düzenlemesinde Disiplinler Arası Planlama*, Yapı Dünyası, Eylül 162, 11-14, 2009.

42. Ağıralioğlu, N., Eriş, E.,: *Akarsu Düzenlemesinde Gelişmeler*, TMMOB İnşaat Mühendisleri Odası İstanbul Şubesi, İstanbul Bülten, Sayı 106 (Şubat), 19-25, 2010.

43. Uyumaz, A, **Ağıralioğlu**, N, Savcı, M.E., Erdik Tarkan, Eriş E., İstanbul İli, Garanti Bankasının Doğu Mahallesi Tuzla Geçidi Mevkii Parsellerinin Taşkın Riski Hakkınd Rapor, İTÜ İnşaat Fakültesi, 2009.

44. Savcı, M. E., **Ağıralioğlu,** N., İstanbul'da sonlanan Uluslaararası Fber Optik Deniz Kablosunun İstanbul Karaya Çıkışında Deniz Tabaanına Döşenmesi Hakkında Teknik Rapor, İTÜ İnşaat Fakültesi, 2010.

SUPERVISION FOR THE FOLLOWING MASTER THESES

27 MS theses have been completed.

1. **Coşkunmeriç**, E. S., "Kinematik Modelin Nümerik Çözümü", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 1984.
2. **Erkesim**, H. "Kinematik Akım Modelinin Özel Hallerinin Karşılaştırılması", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 1984.
3. **İlter,** K. "Rezervuar Sedimantasyonu ve Seyhan ile Çubuk I Rezervuarlarının Sedimantasyon Durumunun İncelenmesi", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 1985.
4. **Okay,** F. "Baraj Rezervuarlarında Sedimantasyonun Matematik Modelle İncelenmesi", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 1987.
5. **Birol**, H. "Küçük Akarsular İçin Debi Ölçüm Tesisleri", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 1988.
6. **Özkan**, Z. "Batardoların Projelendirilmesi İçin Taşkın Hesap Metotları", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 1988.
7. **Keskin**, M. E. "Farklı En kesitli Akarsularda Kinematik Modelle Taşkın Ötelemesi", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 1989.
8. **Türker**, S. "Orta Karadeniz'de Kıyı-Yapı Etkileşimi", 1992.
9. **Ulukaya**, O. "Aktif Hazne Hacmi Hesap Metotları ve Bozkır ile Sultansuyu Barajlarında Uygulamaları, İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 1998.
10. **Küçük**, M. "Kazıklı Su Yapılarında Etki Eden Kuvvetler ve Bilgisayar Destekli Tasarım Kriterleri", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2000.
11. **Doğan**, U. "Sakarya Havzasında Aylık Akış Miktarlarının Yağış-Akış Modelleriyle Hesaplanması, İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2001.
12. **Yıldırım**, G. "Damla Sulamasında Lateral Boruların Bilgisayar Destekli Projelendirilmesi", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2001.
13. **Sürmeli**, A.S. "Silindirle Sıkıştırılmış Ağırlık Beton Barajlar ve Bunların Ağırlık Beton Barajlarla Karşılaştırılması", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2002.
14. **Genç**, O. "Baraj Planlaması, Ekonomik Analiz, Mali Analiz ve Maliyet Ayrımı", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2003.

15. **Sarıgöl**, M. "Akarsu Taşımacılığının Dünyadaki Durumu ve Karasu Nehrinde Taşımacılık Potansiyelinin İncelenmesi", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2003.

16. **Eynur**, Z. "Baraj Altındaki Sızmaların Analiz ve Kontrolü: Sazlıdere Barajı Uygulaması", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2004.

17. **Köksal**, F. D. "Liman İçi Dalga Çalkantısında Kullanılan Nümerik Modelleme MIKE 21 BW", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2004.

18. **Sinan**, M. "Türkiye'de Yağışın Zamanla Dağılımının Belirlenmesi", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2005.

19. **Mesci**, S. B. "Dolgu Baraj Gövdelerindeki Sızmaların ve Freatik Hattın İncelenmesi: Seferhisar Barajı Uygulaması" , İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2005.

20. **Özkök**, V. "Hidroelektrik Potansiyel Belirleme Metotları ve Uygulamaları", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2006.

21. **Çilingir**, H. "Toprak Dolgu Barajların Gövdelerindeki Sızmaların Sonlu Elemanlar Yöntemi ile İncelenmesi: Küçükçekmece Barajı Uygulaması", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2007.

22. **Andiç**, G. Akım Ölçümü Olmayan Havzalarda Aylık Ortalama Akımın Belirlenmesi", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2007.

23. **Kaya,** D. "Biriktirmeli ve Biriktirmesiz Hidroelektrik Santraların Teknik Açıdan Karşılaştırılması", İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2007.

24. **Tekin**, A.M. Su Deşarj Sistemlerinde Su Darbesinin Matematik Modelle İncelenmesi, İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2008.

25. **Ayaz**, E. Solaklı Havzasında Aylık ve Yıllık Debi Süreklilik Eğrilerinin Normalleştirme Yöntemiyle İncelenmesi, İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2009.

26. **Beşiktaş** M. Doğu Karadeniz'de Debi Süreklilik Eğrilerinin Regresyon Analizi ile Belirlenmesi ve Akım Tahmini, İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2009.

27. **Kadıoğlu**, C. Balık Geçitlerinin Sayısal Analiz ile Modellenmesi, İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2010.

28. **Usta, G.** Doğu Karadeniz Bölgesinde Yağışın Akım Verileri ile Belirlenmesi, İTÜ Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2011 (Eş Danışman: Prof. Dr. Gonca Coşkun).

29. **Gündoğdu, F.** Çeşitli Ülkelerde Uygulanan Baraj Tasarım Taşkınlarının İncelenmesi, İTÜ, Fen Bilimleri Enstitüsü, Yüksek Lisans Tezi, 2011.

SUPERVISON FOR THE FOLLOWING PHD THESES

1. **Demirpençe**, H. "Toprak Dolgu Barajların Yıkılması ve Oluşan Taşkının Dinamik Öteleme Metodu ile İncelenmesi", İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 1994.
2. **Keskin**, M. E. "Taşkın Dalgasının Bağımlı Değişken Parametreli Bir Modelle İncelenmesi", İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 1994.
3. **Sandalcı**, M. "Akarsuların Denizlerdeki Kıyı Çizgisine ve Yapılarına Etkisinin Bir Matematik Modelle İncelenmesi", İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 1995.
4. **Şaşal**, M, "Kıyıboyu Katı Madde Taşınım Modelleriyle Doğu Karadeniz Bölgesindeki Kıyı Çizgisi Değişimlerinin İncelenmesi", İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 2001.
5. **Üneş**, F. "Coriolis İvmesinin ve Hazne Çıkış Seviyesinin Haznelerdeki Dalmış Akıma Etkilerinin Matematik Modelle İncelenmesi", İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 2003.
6. **Küçük**, M. "Dalgacık Dönüşüm Tekniği Kullanılarak Akım Serilerinin Modellenmesi", İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 2004.
7. **Mohamed**, H. G. "Effects of Inclined Cut-Offs and Foundation Soil on Seepage Flows Beneath a Hydraulic Structure", İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 2004.
8. **Aytek**, A. "Akarsu Deltaları Oluşumunun Matematik Modellenmesi", İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 2005.
9. **Yıldırım**, G. "Mikro Sulama Lateral Borularında Hidrolik Hesap Metotlarının Karşılaştırmalı Analizi ve Çok Çaplı Borular İçin Lineer Çözüm Metodu", İTÜ, Fen Bilimleri Enstitüsü, Doktora Tezi, 2006.
10. **Eriş, E.** Determination of Spatial Distribution of Precipitation on Poorly Gauged Coastal Regions, İTÜ, Institute of Science and Technology, PhD. Thesis, 2011.
11. **Ulukaya, O.** Yağış-Akış Bağıntıları ve Yapay Zekâ teknikleri ile Modellenmesi, İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 2011.
12. **Genç, O.** Akarsularda Akım Özelliklerinin Entropi Yöntemi ile İncelenmesi, İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 2013.
13. **Andiç, G.** Sifonik Sistem Çatı Drenajına Etkiyen Parametrelerin Değerlendirilmesi**,** İTÜ Fen Bilimleri Enstitüsü, Doktora Tezi, 2013.