

NECATİ AĞIRALIOĞLU

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

Personality

data : Necati Ağırlioğlu, 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.
Apr. 1969 - Sept.1970 Military Service.
Oct. 1970 - July 1978 Graduate student and Research fellow.
July 1978 - July 1979 Post-doctoral fellow at Colorado State Univ.
July 1979 - July 1980 Post-doctoral fellow at Mississippi State Univ.
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 at Sakarya Univ.
Sept. 1993 - Feb. 1995 Professor at Tech. Univ. of Istanbul
Feb. 1995 - Feb. 1996 Professor, Eastern Mediterranean Univ., Cyprus.
Feb. 1996 - May 2003 Professor at Technical University of Istanbul.
May 2003 – Oct. 2009 Head of Hydraulic Div. at Tech. Univ. of Istanbul.
March 2009 – April 2014 Member of Board of Management at İSKİ
Jan. 2015 - June 2015 İstanbul Arel University
Feb. 2017 – Antalya International University

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

A.1 Expanded SCI, SSCI, AHCI (Results: 37)

1. 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



2. 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

3. 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

4. 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

5. 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

6. Investigation of flow properties in natural streams using the entropy concept

By: Ardicioglu, Mehmet; Genc, Onur; Kalin, Latif; et al.

WATER AND ENVIRONMENT JOURNAL Volume: 26 Issue: 2 Pages: 147-154 Published: JUN 2012

7. 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

8. 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

9. 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

10. [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.

Edited by: Maktav, D

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

11. [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

12. [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

13. [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

14. [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-ASCE Volume: 131 Issue: 5 Pages: 490-491 Published: SEP-OCT 2005

15. [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

16. [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-ASCE Volume: 131 Issue: 2 Pages: 220-224 Published: MAR-APR 2005

17. [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

18. [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-ASCE Volume: 130 Issue:
4 Pages: 344-346 Published: JUL-AUG 2004

19. [Comparative analysis of hydraulic calculation methods in design of microirrigation laterals](#)

By: Yildirim, G; Agiralioglu, N

JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING-ASCE Volume: 130 Issue:
3 Pages: 201-217 Published: MAY-JUN 2004

20. [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-ASCE Volume: 130 Issue:
3 Pages: 248-252 Published: MAY-JUN 2004

21. [Linear solution for hydraulic analysis of tapered microirrigation laterals](#)

By: Yildirim, G; Agiralioglu, N

JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING-ASCE Volume: 130 Issue:
1 Pages: 78-87 Published: JAN-FEB 2004

22. [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-ASCE Volume: 129 Issue:
5 Pages: 382-386 Published: SEP-OCT 2003

23. [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-ASCE Volume: 129 Issue:
2 Pages: 142-143 Published: MAR-APR 2003

24. [Tests of a siphon-shaft spillway with cylindrical hoods](#)

By: Agiralioglu, N; Sasal, M; Karpuz, S

Edited by: Abt, SR; YoungPezeshk, J; Watson, CC

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

25. [A simplified dynamic model for flood routing in rectangular channels](#)
By: Keskin, ME; Agiralioğlu, N
JOURNAL OF HYDROLOGY Volume: 202 Issue: 1-4 Pages: 302-314 Published: DEC 25 1997
26. [HOOD CHARACTERISTICS FOR SIPHON-SHAFT SPILLWAYS](#)
By: AGIRALIOĞLU, N; MUFTUOĞLU, RF
JOURNAL OF HYDRAULIC ENGINEERING-ASCE Volume: 115 Issue: 5 Pages: 636-649 Published: MAY 1989
27. [ESTIMATION OF THE TIME OF CONCENTRATION FOR DIVERGING SURFACES](#)
By: AGIRALIOĞLU, N
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES
HYDROLOGIQUES Volume: 33 Issue: 2 Pages: 173-179 Published: APR 1988
28. [A DIMENSIONLESS SOLUTION OF LAG TIME FOR DIVERGING SURFACE](#)
By: AGIRALIOĞLU, N
NORDIC HYDROLOGY Volume: 18 Issue: 1 Pages: 59-62 Published: 1987
29. [ANALYTICAL SOLUTION OF LEAF-SHAPED BASIN FLOW](#)
By: AGIRALIOĞLU, N
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES
HYDROLOGIQUES Volume: 30 Issue: 3 Pages: 407-424 Published: 1985
30. [A COMPARISON OF WATER LAG TIMES FOR CONVERGING AND PLANE SURFACES](#)
By: AGIRALIOĞLU, N
NORDIC HYDROLOGY Volume: 16 Issue: 3 Pages: 169-176 Published: 1985
31. [CORRECTION](#)
By: AGIRALIOĞLU, N
JOURNAL OF THE HYDRAULICS DIVISION-ASCE Volume: 108 Issue: 7 Pages: 883-884 Published: 1982
32. [LAG TIME FOR DIVERGING OVERLAND-FLOW](#)
By: SINGH, VP; AGIRALIOĞLU, N
NORDIC HYDROLOGY Volume: 13 Issue: 1 Pages: 39-48 Published: 1982
33. [Diverging overland flow](#)
By: Singh, Vijay P.; Agiralioğlu, Necati
ADVANCES IN WATER RESOURCES Volume: 4 Issue: 3 Pages: 117-124 Published: SEP 1981
34. [OVERLAND-FLOW ON A DIVERGING SURFACE](#)
By: AGIRALIOĞLU, N; SINGH, VP
HYDROLOGICAL SCIENCES BULLETIN-BULLETIN DES SCIENCES
HYDROLOGIQUES Volume: 26 Issue: 2 Pages: 137-147 Published: 1981

35. [WATER ROUTING ON DIVERGING-CONVERGING WATERSHEDS](#)

By: AGIRALIOGLU, N

JOURNAL OF THE HYDRAULICS DIVISION-ASCE Volume: 107 Issue: 8 Pages: 1003-1017 Published: 1981

36. [DIVERGING OVERLAND-FLOW .1. ANALYTICAL SOLUTIONS](#)

By: SINGH, VP; AGIRALIOGLU, N

NORDIC HYDROLOGY Volume: 12 Issue: 2 Pages: 81-98 Published: 1981

37. [DIVERGING OVERLAND-FLOW .2. APPLICATION TO NATURAL WATERSHEDS](#)

By: SINGH, VP; AGIRALIOGLU, N

NORDIC HYDROLOGY Volume: 12 Issue: 2 Pages: 99-110 Published: 1981

A.2 Other Publications

1. **Ağralioğlu**, 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. **Ağralioğlu**, 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. **Ağralioğlu**, N., “Estimation of the Time of Concentration for Diverging Surface”, ESCAP, Water Resources Journal, (reprint), pp. –27, December 1988.

B. International Papers

1. **Ağralioğlu**, 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. **Ağralioğlu**, 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. **Ağralioğlu**, N., “Effect of Catchment Geometry on Time of Concentration”, Proceedings of the Third International Conference on Urban Storm Drainage, Göteborg, Sweden, pp. 177 – 184, June 1984.

4. **Ağralioğlu, 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. **Ağralioğlu, 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. **Ağralioğlu, 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. **Ağralioğlu, 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. **Ağralioğlu, 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. **Ağralioğlu, 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. **Ağralioğlu, 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. **Ağralioğlu, 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 **Ağralioğlu, 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 **Ağralioğlu, 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. **Ağralioğlu, 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., **Ağralioğlu, 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 **Ağralioğlu, 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. **Ağralioğlu, 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 **Ağralioğlu, 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., **Ağralioğlu, 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., **Ağralioğlu, 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. 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.
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22. Eris, E., **Ağralıoğlu, 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.

D. National Papers

1. **Ağralıoğlu, N.**, “Submerged Flow on Sharp Crested Weirs”, Technical Bulletin of State Hydraulic Works, (in Turkish), Vol. 28, pp. 88 –99, May 1978.
2. İter, K., and **Ağralıoğlu, N.**, “Determination of Reservoir Sedimentation”, Technical Bulletin of State Hydraulic Works, (in Turkish), Vol. 61, pp. 3 -15, 1987.
3. Çataklı, O. N., **Ağralıoğlu, N.**, and Uyumaz, A., ”Principles of Water Power Development”, (in Turkish), Bulletin of the Electrical Works Administration, No: 124, pp. 1-7, 1986.
4. **Ağralıoğlu, 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., **Ağralıoğlu, N.**,”Yoğun dalmış hazne akımlarının matematik modelle incelenmesi”, itü dergisi/d, Mühendislik, Cilt 3, Sayı 6, Sayfa: 47 – 58, 2004.
6. Yıldırım G, **Ağralıoğlu, N.**, “Variation of Design Parameters in Micro-irrigation Laterals”, ARI, The Bulletin of the Istanbul Technical University, 54(1) 42-53, 2004.
7. Mohamed, H.G., **Ağralıoğlu, N.**,”Eğimli palplanş ve temel zemin özelliklerinin hidrolik yapı altındaki sızmaya etkisi, itü dergisi/d, Mühendislik, Cilt 4, Sayı 6, Sayfa: 82-92, 2005.
8. Aytek, A., **Ağralıoğlu, N.**,”Akarsu deltalarının oluşumunun matematik modellemesi, İTÜ dergisi/d, Mühendislik, Cilt 5, Sayı 5, Sayfa: 33-44, 2006.
9. Küçük, M., **Ağralıoğlu, N.**,” Dalgacık Dönüşüm Tekniği Kullanılarak Akım Serilerinin Modellenmesi”, itü dergisi/d, Mühendislik, Cilt 5, Sayı 2, Sayfa: 69-79, 2006.
10. Yıldırım, G., A., **Ağralıoğlu, N.**,”Mikrosulama sistemi lateral borularının tasarımında hesap metodlarının karşılaştırma analizi, itü dergisi/d, Mühendislik, Cilt 7, Sayı 3, Sayfa: 86-99, 2008.
11. Algancı, U., Coşkun, H. G., Eriş, E., **Ağralıoğlu, N.**, Cıgızoğlu, 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.THBTÖ Özel Sayı, 5-11, 2010.

E. National Papers

1. **Ağraliođlu**, 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. **Ağraliođlu**, N., “Comparison of Determination Methods for Time of Concentration”, (in Turkish), 4. Engineering Week, pp. 1-18, Isparta, 1988.
2. **Ağraliođlu**, 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. **Ağraliođlu**, 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 **Ağraliođlu**, N., “Flood Routing for Different Cross Sectional Channels ”, (in Turkish), 6. Engineering Week, Isparta, 1 June 1990.
5. Sandalcı, M., **Ağraliođlu**, 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 **Ağraliođlu**, 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 **Ağraliođlu**, 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., **Ağraliođlu**, N., “Investigation of Flood Waves Using Mathematical Models”, (in Turkish), 8. Engineering Week, Isparta, 26-28 May 1994.

9. **Ağralioğlu**, 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 **Ağralioğlu**, 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 **Ağralioğlu**, 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 **Ağralioğlu**, 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. **Ağralioğlu**, 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 **Ağralioğlu**, 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. **Ağralioğlu**, 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., **Ağralioğlu**, 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., **Ağralioğlu**, 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 **Ağralioğlu**, N., Eğimli Palplanş ve Temel Zemini Özelliklerinin Baraj Altındaki Sızmaya Etkisi, 1.Ulusal Barajlar ve Hidroelektrik Santraller Sempozyumu, Ankara, 203-213, 2004.

19. Üneş, F., and **Ağralıoğlu, N.**, Karacuha, G., Baraj Haznesindeki Yoğunluk Akımları ve Isı Transferi, 1.Ulusal Barajlar ve Hidroelektrik Santraller Sempozyumu, Ankara, 615-627, 2004.
20. Küçük, M., **Ağralıoğlu, 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., **Ağralıoğlu, N.**, Eriş, E., “*Dolgu Barajlarda Sızma Hattının Belirlenmesi ve Kullanılan Metotların Karşılaştırılması*”, *1.Ulusal Baraj Güvenliği Sempozyumu ve Sergisi, Ankara, 171–182, 2007.*
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