

## **Prof. Hafzullah Aksoy**

### **Personal Information**

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### **International Researcher IDs**

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### **Education Information**

Doctorate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Hidrolik Ve Su Kaynakları Mühendisliği (Dr), Turkey  
1993 - 1998

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Hidrolik Ve Su Kaynakları Mühendisliği (YI), Turkey  
1990 - 1993

Undergraduate, İstanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1986 - 1990

### **Foreign Languages**

German

English

### **Research Areas**

Hydraulic

### **Academic Titles / Tasks**

Professor, İstanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2010 - Continues

Associate Professor, İstanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2003 - 2010

Assistant Professor, İstanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2002 - 2003

Research Assistant, İstanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 1991 - 2002

### **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Drought intensity-duration-frequency curves based on deficit in precipitation and streamflow for water resources management**

Cavus Y., Stahl K., Aksoy H.

Hydrology and Earth System Sciences, vol.27, no.18, pp.3427-3445, 2023 (SCI-Expanded)

- II. **Panta Rhei benchmark dataset: socio-hydrological data of paired events of floods and droughts**

Kreibich H., Schröter K., Di Baldassarre G., Van Loon A. F., Mazzoleni M., Abeshu G. W., Agafonova S., Aghakouchak

- A., Aksoy H., Alvarez-Garreton C., et al.  
EARTH SYSTEM SCIENCE DATA, vol.15, no.5, pp.2009-2023, 2023 (SCI-Expanded)
- III. Evaluation of pre- and post-fire flood risk by analytical hierarchy process method: a case study for the 2021 wildfires in Bodrum, Turkey**  
Yilmaz O. S., AKYÜZ D. E., Aksel M., Dikici M., Akgul M. A., Yağcı O., BALIK ŞANLI F., Aksoy H.  
Landscape and Ecological Engineering, vol.19, no.2, pp.271-288, 2023 (SCI-Expanded)
- IV. The challenge of unprecedented floods and droughts in risk management**  
Kreibich H., Van Loon A. F., Schroeter K., Ward P. J., Mazzoleni M., Sairam N., Abeshu G. W., Agafonova S., AghaKouchak A., Aksoy H., et al.  
NATURE, vol.608, pp.80-86, 2022 (SCI-Expanded)
- V. Revisiting Major Dry Periods by Rolling Time Series Analysis for Human-Water Relevance in Drought**  
Cavus Y., Stahl K., Aksoy H.  
WATER RESOURCES MANAGEMENT, vol.36, pp.2725-2739, 2022 (SCI-Expanded)
- VI. Intermittency as an indicator of drought in streamflow and groundwater**  
Yildirim I., Aksoy H.  
HYDROLOGICAL PROCESSES, vol.36, no.6, 2022 (SCI-Expanded)
- VII. Spatiotemporal analysis of drought by CHIRPS precipitation estimates**  
Aksu H., Cavus Y., Aksoy H., Akgul M. A., Turker S., ERİŞ E.  
THEORETICAL AND APPLIED CLIMATOLOGY, vol.148, no.1-2, pp.517-529, 2022 (SCI-Expanded)
- VIII. Spatial and temporal characterization of standard duration-maximum precipitation over Black Sea Region in Turkey**  
Aksu H., ÇETİN M., Aksoy H., YALDIZ S. G., Yildirim I., Keklik G.  
NATURAL HAZARDS, vol.111, no.3, pp.2379-2405, 2022 (SCI-Expanded)
- IX. Development of Low Flow Duration-Frequency Curves by Hybrid Frequency Analysis**  
Orta S., Aksoy H.  
WATER RESOURCES MANAGEMENT, vol.36, no.5, pp.1521-1534, 2022 (SCI-Expanded)
- X. Daily flow duration curve model for ungauged intermittent subbasins of gauged rivers**  
BURGAN H. İ., Aksoy H.  
JOURNAL OF HYDROLOGY, vol.604, 2022 (SCI-Expanded)
- XI. Discussion of "Drought assessment in a south Mediterranean transboundary catchment"**  
Aksoy H., Cavus Y.  
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.67, no.1, pp.150-156, 2022 (SCI-Expanded)
- XII. Experimental analysis for self-cleansing open channel design**  
Safari M. J. S., Aksoy H.  
JOURNAL OF HYDRAULIC RESEARCH, vol.59, no.3, pp.500-511, 2021 (SCI-Expanded)
- XIII. Regressive-stochastic models for predicting water level in Lake Urmia**  
Vahedoost B., Aksoy H.  
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.66, pp.1892-1906, 2021 (SCI-Expanded)
- XIV. Critical drought intensity-duration-frequency curves based on total probability theorem-coupled frequency analysis**  
Aksoy H., ÇETİN M., ERİŞ DUMAN E., BURGAN H. İ., Cavus Y., Yildirim I., Sivapalan M.  
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.66, pp.1337-1358, 2021 (SCI-Expanded)
- XV. Spatiotemporal analysis of meteorological drought over Kucuk Menderes River Basin in the Aegean Region of Turkey**  
ERİŞ DUMAN E., Cavus Y., Aksoy H., BURGAN H. İ., Aksu H., BOYACIOĞLU H.  
THEORETICAL AND APPLIED CLIMATOLOGY, vol.142, pp.1515-1530, 2020 (SCI-Expanded)
- XVI. Critical drought severity/intensity-duration-frequency curves based on precipitation deficit**  
Cavus Y., Aksoy H.

- JOURNAL OF HYDROLOGY, vol.584, 2020 (SCI-Expanded)
- XVII. **The rapid rise of groundwater after heavy rainfalls**  
Wittenberg H., Aksoy H., Miegel K.  
HYDROLOGIE UND WASSERBEWIRTSCHAFTUNG, vol.64, no.2, pp.66-74, 2020 (SCI-Expanded)
- XVIII. **Notes to the Title Page Rapid Rise in the Groundwater after Heavy Rain**  
Wittenberg H., Miegel K., Aksoy H.  
HYDROLOGIE UND WASSERBEWIRTSCHAFTUNG, vol.64, no.2, pp.104, 2020 (SCI-Expanded)
- XIX. **Stochastic and analytical approaches for sediment accumulation in river reservoirs**  
Akar T., Aksoy H.  
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.65, no.6, pp.984-994, 2020 (SCI-Expanded)
- XX. **Prediction of rainfall runoff-induced sediment load from bare land surfaces by generalized regression neural network and empirical model**  
TAYFUR G., Aksoy H., ERİŞ DUMAN E.  
WATER AND ENVIRONMENT JOURNAL, vol.34, no.1, pp.66-76, 2020 (SCI-Expanded)
- XXI. **Soil erosion model tested on experimental data of a laboratory flume with a pre-existing rill**  
Aksoy H., Gedikli A., Yilmaz M., Eriş Duman E., Ünal N. E., Yoon J., Kavvas M. L., Tayfur G.  
JOURNAL OF HYDROLOGY, vol.581, 2020 (SCI-Expanded)
- XXII. **Monthly Flow Duration Curve Model for Ungauged River Basins**  
Burgan H. İ., Aksoy H.  
WATER, vol.12, no.2, 2020 (SCI-Expanded)
- XXIII. **Reconstruction of Hydrometeorological Data in Lake Urmia Basin by Frequency Domain Analysis Using Additive Decomposition**  
Vaheddoost B., Aksoy H.  
WATER RESOURCES MANAGEMENT, vol.33, no.11, pp.3899-3911, 2019 (SCI-Expanded)
- XXIV. **Modeling and practice of erosion and sediment transport under change**  
Aksoy H., Mahe G., Meddi M.  
Water (Switzerland), vol.11, no.8, 2019 (SCI-Expanded)
- XXV. **Spatial Drought Characterization for Seyhan River Basin in the Mediterranean Region of Turkey**  
Cavus Y., Aksoy H.  
WATER, vol.11, no.7, 2019 (SCI-Expanded)
- XXVI. **Fast response of groundwater to heavy rainfall**  
Wittenberg H., Aksoy H., Miegel K.  
JOURNAL OF HYDROLOGY, vol.571, pp.837-842, 2019 (SCI-Expanded)
- XXVII. **FREQUENCY ANALYSIS OF LOW FLOWS IN INTERMITTENT AND NON-INTERMITTENT RIVERS FROM HYDROLOGICAL BASINS IN TURKEY**  
ERİŞ DUMAN E., AKSOY H., ÖNÖZ B., ÇETİN M., YÜCE M. İ., SELEK B., AKSU H., BURGAN H. İ., EŞİT M., YILDIRIM I., et al.  
Water Science and Technology-Water Supply, vol.19, pp.30-39, 2019 (SCI-Expanded)
- XXVIII. **Interaction of groundwater with Lake Urmia in Iran**  
VAHEDDOOST B., AKSOY H.  
Hydrological Processes, vol.32, pp.3283-3295, 2018 (SCI-Expanded)
- XXIX. **Annual flow duration curve model for ungauged basins**  
Burgan H. İ., Aksoy H.  
HYDROLOGY RESEARCH, vol.49, no.5, pp.1684-1695, 2018 (SCI-Expanded)
- XXX. **Markov chain-incorporated and synthetic data-supported conditional artificial neural network models for forecasting monthly precipitation in arid regions**  
Aksoy H., DAHAMSHEH A.  
JOURNAL OF HYDROLOGY, vol.562, pp.758-779, 2018 (SCI-Expanded)
- XXXI. **Experimental analysis of sediment incipient motion in rigid boundary open channels**  
SAFARI M. J. S., Aksoy H., Ünal N. E., MOHAMMADI M.

- ENVIRONMENTAL FLUID MECHANICS, vol.17, no.6, pp.1281-1298, 2017 (SCI-Expanded)
- XXXII. Velocity-based analysis of sediment incipient deposition in rigid boundary open channels**  
 Aksoy H., SAFARI M. J. S., Ünal N. E., MOHAMMADI M.  
 WATER SCIENCE AND TECHNOLOGY, vol.76, no.9, pp.2535-2543, 2017 (SCI-Expanded)
- XXXIII. Empirical Sediment Transport Models Based on Indoor Rainfall Simulator and Erosion Flume Experimental Data**  
 Aksoy H., Eris E., Tayfur G.  
 LAND DEGRADATION & DEVELOPMENT, vol.28, no.4, pp.1320-1328, 2017 (SCI-Expanded)
- XXXIV. Structural characteristics of annual precipitation in Lake Urmia basin**  
 VAHEDDOOST B., Aksoy H.  
 THEORETICAL AND APPLIED CLIMATOLOGY, vol.128, pp.919-932, 2017 (SCI-Expanded)
- XXXV. Non-deposition self-cleansing design criteria for drainage systems**  
 Safari M., Aksoy H., Ünal N. E., MOHAMMADI M.  
 JOURNAL OF HYDRO-ENVIRONMENT RESEARCH, vol.14, pp.76-84, 2017 (SCI-Expanded)
- XXXVI. Rainfall-Runoff Model Considering Microtopography Simulated in a Laboratory Erosion Flume**  
 Aksoy H., Gedikli A., Ünal N. E., Yilmaz M., Eris E., Yoon J., Tayfur G.  
 WATER RESOURCES MANAGEMENT, vol.30, no.15, pp.5609-5624, 2016 (SCI-Expanded)
- XXXVII. Prediction of Water Level using Monthly Lagged Data in Lake Urmia, Iran**  
 Vaheddoost B., Aksoy H., ABGHARI H.  
 WATER RESOURCES MANAGEMENT, vol.30, no.13, pp.4951-4967, 2016 (SCI-Expanded)
- XXXVIII. Artificial neural network and regression models for flow velocity at sediment incipient deposition**  
 Safari M., Aksoy H., MOHAMMADI M.  
 JOURNAL OF HYDROLOGY, vol.541, pp.1420-1429, 2016 (SCI-Expanded)
- XXXIX. Adaptation of water resources systems to changing society and environment: a statement by the International Association of Hydrological Sciences**  
 Ceola S., MONTANARI A., KRUEGER T., DYER F., KREIBICH H., Westerberg I., CARR G., CUDENNEC C., Elshorbagy A., SAVENIJE H., et al.  
 HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.61, no.16, pp.2803-2817, 2016 (SCI-Expanded)
- XL. Panta Rhei 2013-2015: global perspectives on hydrology, society and change**  
 McMillan H., MONTANARI A., CUDENNEC C., SAVENIJE H., KREIBICH H., KRUEGER T., LIU J., MEJIA A., Van Loon A., Aksoy H., et al.  
 HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.61, no.7, pp.1174-1191, 2016 (SCI-Expanded)
- XLI. Incipient deposition of sediment in rigid boundary open channels**  
 Safari M. J. S., Aksoy H., MOHAMMADI M.  
 ENVIRONMENTAL FLUID MECHANICS, vol.15, no.5, pp.1053-1068, 2015 (SCI-Expanded)
- XLII. Comparative analysis of two infiltration models for application in a physically based overland flow model**  
 Mallari K. J. B., Arguelles A. C. C., Kim H., Aksoy H., KAVVAS M. L., Yoon J.  
 ENVIRONMENTAL EARTH SCIENCES, vol.74, no.2, pp.1579-1587, 2015 (SCI-Expanded)
- XLIII. Baseflow Recession Analysis for Flood-Prone Black Sea Watersheds in Turkey**  
 Aksoy H., WITTENBERG H.  
 CLEAN-SOIL AIR WATER, vol.43, no.6, pp.857-866, 2015 (SCI-Expanded)
- XLIV. A comparison of two infiltration models applied to simulation of overland flow over a two-dimensional flume**  
 Mallari K. J. B., Kim H., Pak G., Aksoy H., Yoon J.  
 WATER SCIENCE AND TECHNOLOGY, vol.71, no.9, pp.1325-1332, 2015 (SCI-Expanded)
- XLV. Evaluation of an erosion-sediment transport model for a hillslope using laboratory flume data**  
 Arguelles A. C. C., Jung M., Mallari K. J. B., Pak G., Aksoy H., KAVVAS L. M., Eris E., Yoon J., LEE Y., HONG S.  
 JOURNAL OF ARID LAND, vol.6, no.6, pp.647-655, 2014 (SCI-Expanded)

- XLVI. **Markov Chain-Incorporated Artificial Neural Network Models for Forecasting Monthly Precipitation in Arid Regions**  
 Dahamsheh A., Aksoy H.  
 ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.39, no.4, pp.2513-2524, 2014 (SCI-Expanded)
- XLVII. **A field application of physically-based erosion and sediment transport model for hillslope response**  
 Yoon J., Aksoy H., KAVVAS L., Arguelles A. C. C., Mallari K. J. B.  
 HOUILLE BLANCHE-REVUE INTERNATIONALE DE L EAU, no.2, pp.81-87, 2014 (SCI-Expanded)
- XLVIII. **Laboratory experiments of sediment transport from bare soil with a rill**  
 Aksoy H., Ünal N. E., Çokgör Ş., Gedikli A., Yoon J., KOCA K., INCI S. B., Eris E., Pak G.  
 HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.58, no.7, pp.1505-1518, 2013 (SCI-Expanded)
- XLIX. **An experimental investigation of the effects of the ring baffles on liquid sloshing in a rigid cylindrical tank**  
 Akyıldız H., Ünal N. E., Aksoy H.  
 OCEAN ENGINEERING, vol.59, pp.190-197, 2013 (SCI-Expanded)
- L. **Stochastic modeling of Lake Van water level time series with jumps and multiple trends**  
 Aksoy H., Ünal N. E., Eris E., Yuce M. I.  
 HYDROLOGY AND EARTH SYSTEM SCIENCES, vol.17, no.6, pp.2297-2303, 2013 (SCI-Expanded)
- LI. **Evaluation of overland flow model for a hillslope using laboratory flume data**  
 Arguelles A. C. C., Jung M., Pak G., Aksoy H., KAVVAS M. L., Yoon J.  
 WATER SCIENCE AND TECHNOLOGY, vol.68, no.5, pp.1188-1194, 2013 (SCI-Expanded)
- LII. **A rainfall simulator for laboratory-scale assessment of rainfall-runoff-sediment transport processes over a two-dimensional flume**  
 Aksoy H., Ünal N. E., Çokgör Ş., Gedikli A., Yoon J., KOCA K., INCI S. B., Eris E.  
 CATENA, vol.98, pp.63-72, 2012 (SCI-Expanded)
- LIII. **Nonlinear baseflow recession analysis in watersheds with intermittent streamflow**  
 Aksoy H., WITTENBERG H.  
 HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.56, no.2, pp.226-237, 2011 (SCI-Expanded)
- LIV. **AUG-Segmenter: a user-friendly tool for segmentation of long time series**  
 Gedikli A., Aksoy H., Ünal N. E.  
 JOURNAL OF HYDROINFORMATICS, vol.12, no.3, pp.318-328, 2010 (SCI-Expanded)
- LV. **13th IWA International Specialized Conference on Diffuse Pollution and Integrated Watershed Management (IWA DIPCON 2009) 12-15 October 2009, Lotte Hotel World, Seoul, Korea**  
 Hong S. K., Stenstrom M. K., Yoon J., Li Y., Kim J. H., Kim L., Aksoy H., Park M. H., Tsai F., Cho S., et al.  
 DESALINATION AND WATER TREATMENT, vol.19, pp.1, 2010 (SCI-Expanded)
- LVI. **Modified dynamic programming approach for offline segmentation of long hydrometeorological time series**  
 Gedikli A., Aksoy H., Ünal N. E., Kehagias A.  
 STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.24, no.5, pp.547-557, 2010 (SCI-Expanded)
- LVII. **Groundwater intrusion into leaky sewer systems**  
 Wittenberg H., Aksoy H.  
 WATER SCIENCE AND TECHNOLOGY, vol.62, no.1, pp.92-98, 2010 (SCI-Expanded)
- LVIII. **Artificial neural network models for forecasting monthly precipitation in Jordan**  
 Aksoy H., DAHAMSHEH A.  
 STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.23, no.7, pp.917-931, 2009 (SCI-Expanded)
- LIX. **Artificial neural network models for forecasting intermittent monthly precipitation in arid regions**  
 Dahamsheh A., Aksoy H.  
 METEOROLOGICAL APPLICATIONS, vol.16, no.3, pp.325-337, 2009 (SCI-Expanded)

- LX. **Modeling Monthly Mean Flow in a Poorly Gauged Basin by Fuzzy Logic**  
Toprak Z. F., ERIS E., AGIRALIOGLU N., CIGIZOGLU H. K., YILMAZ L., Aksoy H., COSKUN H. G., ANDIC G., ALGANCI U.  
CLEAN-SOIL AIR WATER, vol.37, no.7, pp.555-564, 2009 (SCI-Expanded)
- LXI. **Filtered smoothed minima baseflow separation method**  
Aksoy H., KURT I., ERIS E.  
JOURNAL OF HYDROLOGY, vol.372, pp.94-101, 2009 (SCI-Expanded)
- LXII. **REPLY to Discussion of "An explicit neural network formulation for evapotranspiration"**  
Aytek A., Guven A., Yuce M. I., Aksoy H.  
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.54, no.2, pp.389-393, 2009  
(SCI-Expanded)
- LXIII. **Fast segmentation algorithms for long hydrometeorological time series**  
Aksoy H., Gedikli A., Ünal N. E., Kehagias A.  
HYDROLOGICAL PROCESSES, vol.22, no.23, pp.4600-4608, 2008 (SCI-Expanded)
- LXIV. **Genetic Programming-Based Empirical Model for Daily Reference Evapotranspiration Estimation**  
Guven A., Aytek A., Yuce M. I., Aksoy H.  
CLEAN-SOIL AIR WATER, vol.36, pp.905-912, 2008 (SCI-Expanded)
- LXV. **Smoothed minima baseflow separation tool for perennial and intermittent streams**  
Aksoy H., UNAL N. E., PEKTAS A. O.  
HYDROLOGICAL PROCESSES, vol.22, no.22, pp.4467-4476, 2008 (SCI-Expanded)
- LXVI. **An explicit neural network formulation for evapotranspiration**  
Aytek A., Guven A., Yuce M. I., Aksoy H.  
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.53, no.4, pp.893-904, 2008  
(SCI-Expanded)
- LXVII. **Comment on 'Kisi O. 2007. Evapotranspiration modelling from climatic data using a neural computing technique. Hydrological Processes 21 : 1925-1934'**  
Aksoy H., Guven A., Aytek A., Yuce M. I., Ünal N. E.  
HYDROLOGICAL PROCESSES, vol.22, no.14, pp.2715-2717, 2008 (SCI-Expanded)
- LXVIII. **Hydrometeorological analysis of northwestern Turkey with links to climate change**  
Aksoy H., Ünal N. E., ALEXANDROV V., DAKOVA S., Yoon J.  
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.28, no.8, pp.1047-1060, 2008 (SCI-Expanded)
- LXIX. **Comment on 'Wang W, Ding J. 2007. A multivariate non-parametric model for synthetic generation of daily streamflow. Hydrological Processes 21 : 1764-17711**  
Aksoy H.  
HYDROLOGICAL PROCESSES, vol.22, no.8, pp.1234-1235, 2008 (SCI-Expanded)
- LXX. **Segmentation algorithm for long time series analysis**  
Gedikli A., Aksoy H., Ünal N. E.  
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.22, no.3, pp.291-302, 2008 (SCI-Expanded)
- LXXI. **Discussion of "Comparison of two Nonparametric alternatives for Stochastic generation of monthly rainfall" by R. Srikanthan, A. Sharma, and T. A. McMahon**  
Aksoy H., Ünal N. E.  
JOURNAL OF HYDROLOGIC ENGINEERING, vol.12, no.6, pp.699-702, 2007 (SCI-Expanded)
- LXXII. **Discussion of "Generalized regression neural networks for evapotranspiration modelling"**  
Aksoy H., GÜVEN A., AYTEK A., Yuce M. I., Unal N. E.  
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.52, no.4, pp.825-828, 2007  
(SCI-Expanded)
- LXXIII. **Using SWMM as a tool for hydrologic impact assessment**  
Jang S., CHO M., YOON J., YOON Y., KIM S., KIM G., KIM L., Aksoy H.  
DESALINATION, vol.212, pp.344-356, 2007 (SCI-Expanded)
- LXXIV. **Untitled**  
Aksoy H., Unal N. E., Gedikli A.

- STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.21, no.4, pp.447-449, 2007 (SCI-Expanded)
- LXXV. **Hydrological variability of the european part of Turkey**  
Aksoy H.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION B-ENGINEERING, vol.31, no.2, pp.225-236, 2007 (SCI-Expanded)
- LXXVI. **Structural characteristics of annual precipitation data in Jordan**  
Dahamsheh A., Aksoy H.  
THEORETICAL AND APPLIED CLIMATOLOGY, vol.88, pp.201-212, 2007 (SCI-Expanded)
- LXXVII. **Comparison of two nonparametric alternatives for stochastic generation of monthly rainfall**  
Srikanthan R., Sharma A., McMahon T.  
Journal of Hydrologic Engineering, vol.11, no.3, pp.222-229, 2006 (SCI-Expanded)
- LXXVIII. **Watershed environmental hydrology model: Environmental module and its application to a California watershed**  
Kavvas M., YOON J., CHEN Z., LIANG L., DOGRUL E., OHARA N., Aksoy H., ANDERSON M., REUTER J., HACKLEY S.  
JOURNAL OF HYDROLOGIC ENGINEERING, vol.11, no.3, pp.261-272, 2006 (SCI-Expanded)
- LXXIX. **A review of hillslope and watershed scale erosion and sediment transport models**  
Aksoy H., KAVVAS M. L.  
CATENA, vol.64, no.2, pp.247-271, 2005 (SCI-Expanded)
- LXXX. **Stochastic generation of hourly mean wind speed data**  
Aksoy H., TOPRAK Z., AYTEK A., UNAL N. E.  
RENEWABLE ENERGY, vol.29, no.14, pp.2111-2131, 2004 (SCI-Expanded)
- LXXXI. **Watershed Environmental Hydrology (WEHY) model based on upscaled conservation equations: Hydrologic module**  
Kavvas M., CHEN Z., DOGRUL C., YOON J., OHARA N., LIANG L., Aksoy H., ANDERSON M., YOSHITANI J., FUKAMI K., et al.  
JOURNAL OF HYDROLOGIC ENGINEERING, vol.9, no.6, pp.450-464, 2004 (SCI-Expanded)
- LXXXII. **Using Markov chains for non-perennial daily streadflow data generation**  
Aksoy H.  
JOURNAL OF APPLIED STATISTICS, vol.31, no.9, pp.1083-1094, 2004 (SCI-Expanded)
- LXXXIII. **Annual and monthly rainfall data generation schemes**  
Unal N. E., Aksoy H., AKAR T.  
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.18, no.4, pp.245-257, 2004 (SCI-Expanded)
- LXXXIV. **Pulse generation models for daily intermittent streamflows**  
Aksoy H.  
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.49, no.3, pp.399-411, 2004 (SCI-Expanded)
- LXXXV. **Wavelet analysis for modeling suspended sediment discharge**  
Aksoy H., AKAR T., ÜNAL N. E.  
NORDIC HYDROLOGY, vol.35, no.2, pp.165-174, 2004 (SCI-Expanded)
- LXXXVI. **Markov chain-based modeling techniques for stochastic generation of daily intermittent streamflows**  
Aksoy H.  
ADVANCES IN WATER RESOURCES, vol.26, no.6, pp.663-671, 2003 (SCI-Expanded)
- LXXXVII. **Storage capacity for river reservoirs by wavelet-based generation of sequent-peak algorithm**  
Aksoy H.  
WATER RESOURCES MANAGEMENT, vol.15, no.6, pp.423-437, 2001 (SCI-Expanded)
- LXXXVIII. **Nonparametric streamflow simulation by wavelet or Fourier analysis**  
Bayazit M., ONOZ B., Aksoy H.  
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.46, no.4, pp.623-634, 2001 (SCI-Expanded)

- LXXXIX. **Probabilistic approach to modelling of recession curves**  
 Aksoy H., BAYAZIT M., WITTENBERG H.  
 HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.46, no.2, pp.269-285, 2001  
 (SCI-Expanded)
- XC. **Using wavelets for data generation**  
 BAYAZIT M., Aksoy H.  
 JOURNAL OF APPLIED STATISTICS, vol.28, no.2, pp.157-166, 2001 (SCI-Expanded)
- XCI. **A model for daily flows of intermittent streams**  
 AKSOY H., BAYAZIT M.  
 HYDROLOGICAL PROCESSES, vol.14, pp.1725-1744, 2000 (SCI-Expanded)

## Articles Published in Other Journals

- I. **SPI ve SPEI ile Samsun İli Kuraklık Analizi**  
 Yüce M. İ., Aksoy H., Aytek A., Eşit M., Uğur F., Yaşa İ., Şimşek A., Deger İ. H.  
 Kahramanamaraş Sütçü İmam Üniversitesi Mühendislik Bilimleri Dergisi, vol.25, no.3, pp.285-295, 2022 (Peer-Reviewed Journal)
- II. **Surface Water**  
 Aksoy H.  
 WATER RESOURCES OF TURKEY, vol.2, pp.127-158, 2020 (Peer-Reviewed Journal)
- III. **Düşük Akımların Frekans Analizi ve Çevresel Akış ile İlişkisi**  
 AKSOY H., ERİŞ DUMAN E., ÖNÖZ B., ÇETİN M., YÜCE M. İ., SELEK B., AKSU H., BURGAN H. İ., EŞİT M., YILDIRIM I., et al.  
 Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.9, pp.503-514, 2018 (Peer-Reviewed Journal)
- IV. **Regional Flow Duration Curves for Seyhan and Ceyhan Basins**  
 BURGAN H. İ., AKSOY H.  
 International Journal of Innovative Research in Science, Engineering and Technology, vol.5, pp.121-128, 2016  
 (Peer-Reviewed Journal)
- V. **Preface: HS01 - Changes in flood risk and perception in catchments and cities**  
 Rogger M., Aksoy H., KOY M., SCHUMANN A., TOTH E., CHEN Y., Borrell Estupina V., BLOSCHL G.  
 IAHS-AISH Proceedings and Reports, vol.370, pp.1-2, 2015 (Scopus)
- VI. **Statistical Hydrology**  
 GRIMALDI S., KAO S., CASTELLARIN A., Papalexiou S., VIGLIONE A., LAIO F., Aksoy H., Gedikli A.  
 TREATISE ON WATER SCIENCE, VOL 2: THE SCIENCE OF HYDROLOGY, pp.479-517, 2011 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Challenges in modelling sediment matters**  
 AKSOY H.  
 in: Sediment Matters, Peter Heininger, Johannes Cullmann, Editor, Springer International Publishing, pp.61-81,  
 2015
- II. **The Science of Hydrology**  
 GRIMALDI S., KAO S., CASTELLARIN A., PAPALEXIOU S. M., VİGLİONE A., LAİO F., AKSOY H., GEDİKLİ A.  
 in: Treatise on Water Science, Peter Wilderer, Peter Rogers, Stefan Uhlenbrook, Fritz Frimmel, Keisuke Hanaki, Tom Vereijken, Editor, Elsevier, pp.480-517, 2011

## Refereed Congress / Symposium Publications in Proceedings

- I. HYDROLOGY: A BASIC, APPLIED AND SOCIAL SCIENCE  
Aksoy H.  
XI. National Hydrology Congress, Gaziantep, Turkey, 13 - 15 October 2022, pp.1-3
- II. Impact of Climate Change on Extreme Precipitation and Flood Flows in the Eastern Black Sea Region-Turkey  
Aksu H., Aksoy H., ÇETİN M., Evrens M., YALDIZ S. G., Alsenjar O., Yıldırım I.  
1st International conference on Mediterranean Geosciences Union, MedGU 2021, İstanbul, Turkey, 25 - 28 November 2021, pp.257-259
- III. Evaluation of Base Flow Index in Lake Urmia Basin Using One Parameter Digital Filter Method  
VAHEDDOOST B., AKSOY H.  
The 1st International and 4th National Congress on Iranian Irrigation and Drainage, Urmia, Iran, 13 - 14 November 2019
- IV. Trend Analysis of Low Flows  
ÇAVUŞ Y., ORTA S., BURGAN H. İ., ERİŞ DUMAN E., AKSOY H.  
9th International Symposium on Atmospheric Sciences (ATMOS 2019), İstanbul, Turkey, 23 - 26 October 2019, pp.222-227
- V. İklim Değişikliğinin Yağışlar Üzerine Etkisi: Kahramanmaraş ve Osmaniye Örneği  
YÜCE M. İ., AKSOY H., ÖNÖZ B., YAĞCI A. E., ERİŞ DUMAN E., EŞİT M., BURGAN H. İ., Oğuz A., Kalaç V.  
10.Uluslararası Hidroloji Kongresi, Muğla, Turkey, 9 - 12 October 2019, vol.1, pp.375-388
- VI. Frekans Analizi ile Kritik Kuraklık Şiddet-Süre-Frekans Eğrilerinin Elde Edilmesi  
AKSOY H., ÇETİN M., ÖNÖZ B., YÜCE M. İ., ERİŞ DUMAN E., SELEK B., AKSU H., BURGAN H. İ., Çavuş Y., EŞİT M., et al.  
10. Ulusal Hidroloji Kongresi, Muğla, Turkey, 9 - 12 October 2019, vol.1, pp.641-649
- VII. Gediz Havzası Düşük Akımlarının Trend Analizi  
ERİŞ DUMAN E., AKSOY H.  
2nd International Congress on Engineering and Architecture, Marmaris, Turkey, 22 - 24 April 2019, pp.1192-1197
- VIII. Flood Discharge Estimation by Synthetic Methods  
BURGAN H. İ., AKSOY H.  
10th International Perspective on Water Resources and the Environment, Cartagena, Colombia, 3 - 07 December 2018, pp.1-7
- IX. Hareketin ve Çökelmenin Başlangıcı Esaslı Drenaj Sistemi Tasarımı  
AKSOY H., SAFARI M. J.  
International Symposium on Urban Water and Wastewater Management, 25 - 27 October 2018, pp.960-967
- X. Deriving accumulated precipitation deficits from drought severity-duration-frequency curves: A case study in Adana province, Turkey  
ÇETİN M., AKSOY H., ÖNÖZ B., ERİŞ DUMAN E., YÜCE M. İ., SELEK B., AKSU H., BURGAN H. İ., EŞİT M., ÇAVUŞ Y., et al.  
1st International Congress on Agricultural Structures and Irrigation, Antalya, Turkey, 26 - 28 September 2018, vol.1, pp.39-48
- XI. SPI-based drought severity-duration-frequency analysis  
AKSOY H., ÖNÖZ B., ÇETİN M., YÜCE M. İ., ERİŞ DUMAN E., SELEK B., AKSU H., BURGAN H. İ., EŞİT M., ÇAVUŞ Y., et al.  
13th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018
- XII. Edirne için kuraklık şiddet-süre-frekans eğrileri  
AKSOY H., ÖNÖZ B., ÇETİN M., YÜCE M. İ., ERİŞ DUMAN E., SELEK B., AKSU H., BURGAN H. İ., EŞİT M., ORTA S., et al.  
Uluslararası Hidrogeoloji ve Su Kaynakları Sempozyumu (HİDRO 2018), Ankara, Turkey, 27 September - 29 July 2018, pp.42-47
- XIII. Gediz Havzasında Kuraklık Analizi  
AKSOY H., ERİŞ DUMAN E., ÇETİN M., ÖNÖZ B., YÜCE M. İ., SELEK B., AKSU H., BURGAN H. İ., EŞİT M.  
Uluslararası Katılımlı Türkiye Ulusal Jeodezi ve Jeofizik Birliği Bilimsel Kongresi, TUJJB-BK, İzmir, Turkey, 30 May - 02 June 2018, vol.1, pp.28-31
- XIV. GEDİZ HAVZASINDA KURAKLIK ANALİZİ  
AKSOY H., ERİŞ DUMAN E., Cetin M., Bihrat O., YÜCE M. İ., SELEK B., AKSU H., Burgan H. İ., Esit M.  
Türkiye Ulusal Jeodezi ve Jeofizik Birliği Bilimsel Kongre, İzmir, Turkey, 30 May - 02 June 2018

- XV. **A Comparison of Flood Vulnerability using Different Resolution Digital Elevation Models**  
KIRCA V. Ş. Ö., AKSOY H., BURGAN H. İ.  
8th Atmospheric Sciences Symposium (ATMOS 2017), İstanbul, Turkey, 1 - 04 November 2017, pp.484-489
- XVI. **Self-Cleansing Design Criteria For Non-Deposition Of Sedimentın Drainage Systems**  
SAFARI M. J. S., AKSOY H., ÜNAL N. E., MOHAMMADI M.  
4. International Water Congress, 2 - 04 November 2017, pp.51
- XVII. **Self-Cleansing Design Criteria for Non-Deposotion of Sediment On Drainage Systems**  
Safari M. J. S., AKSOY H., ÜNAL N. E., Mohammadi M.  
4th International Water Congress, İzmir, Turkey, 2 - 04 November 2017, pp.627-636
- XVIII. **Kuruyan akarsularda düşük akımların frekans analizi**  
AKSOY H., ERİŞ DUMAN E., ÖNÖZ B., ÇETİN M., YÜCE M. İ., SELEK B., AKSU H., BURGAN H. İ., YILDIRIM I., EŞİT M., et al.  
9. Ulusal Hidroloji Kongresi, Diyarbakır, Turkey, 4 - 06 October 2017
- XIX. **Frequency Analysis of Monthly Runoff in Intermittent Rivers**  
BURGAN H. İ., VAHEDDOOST B., AKSOY H.  
World Environmental Water Resources Congress (EWRI 2017), Sacramento, United States Of America, 21 - 25 May 2017, pp.327-334
- XX. **Frequency Analysis of Low Flows**  
AKSOY H., ERİŞ DUMAN E., ÖNÖZ B., ÇETİN M., YÜCE M. İ., SELEK B., BURGAN H. İ., UÇAN M., EŞİT M., KAYAN G., et al.  
IWA 2nd Regional Symposium on Water, Wastewater and Environment (IWA-PPFW2017), İzmir, Turkey, 22 - 24 March 2017, pp.509-517
- XXI. **Experimental Analysis of Sediment Incipient Deposition in RigidBoundary Open Channels**  
AKSOY H., Safari M. J. S., ÜNAL N. E., Mohammadi M.  
IWA 2nd Regional Symposium on Water, Wastewater and Environment, İzmir, Turkey, 22 - 24 March 2017, pp.537-549
- XXII. **Flow Duration Curve Model for Ungauged Basins**  
BURGAN H. İ., AKSOY H.  
IWA 2nd Regional Symposium on Water, Wastewater and Environment (IWA-PPFW2017), İzmir, Turkey, 22 - 24 March 2017, pp.529-536
- XXIII. **Experimental analysis of sediemnt incipient deposition in rigid boundary open channels**  
AKSOY H., SAFARI M. J. S., ÜNAL N. E., Mohammadi M.  
2nd IWA Regional Symposium on Water, Wastewater and Environment, 22 - 24 March 2017, pp.537-549
- XXIV. **Joint scientific multidisciplinary research approach of large river basins an example of the international support to the studies of African basins**  
MAHE G., AKSOY H., AMANI A., CHAVOSHIAN A., CUDENNEC C., DEMUTH S., HABERSACK H., LARAQUE A., LOOSER U., MARTINEZ J., et al.  
International Conference on African Large River Basins Hydrology, Dakar, Senegal, 26 November - 03 December 2016
- XXV. **Deniz su seviyesinin taşkın alanlarına etkisi**  
BURGAN H. İ., KIRCA V. Ş. Ö., AKSOY H.  
4. Ulusal Taşkın Sempozyumu, Rize, Turkey, 23 - 25 November 2016, pp.749-755
- XXVI. **Harmonized Flood Hazard and Risk Assessment**  
PAPATHEODOROU K., TZANOU E., MAFTEİ C., KIRCA V. Ş. Ö., AKSOY H., KONSTANTÍNOS N.  
THE 3RD INTERNATIONAL CONFERENCE, Water Across Time in Engineering Research, Constanta, Romania, 23 - 25 June 2016
- XXVII. **Harmonized Flood Hazard Risk Assessment**  
Papatheodorou K., Tzanou E., Maftei C., KIRCA V. Ş. Ö., AKSOY H., Ntouros K.  
The 3rd International Conference on Water Across Time in Engineering Research, Köstence, Romania, 23 - 25 June 2016, pp.11-20
- XXVIII. **Self cleansing design of circular urban drainage channels**  
SAFARI M. J. S., AKSOY H., ÜNAL N. E., MOHAMMADI M.

- THE 3RD INTERNATIONAL CONFERENCE, Water Across Time in Engineering Research, Constanta, Romania, 23 - 25 June 2016
- XXIX. **Hydrological and hydraulic models for determination of flood-prone and flood inundation areas**  
Aksoy H., Kirca V. Ş. Ö., Burgan H. İ., KELLECİOĞLU D.  
7th International Water Resources Management Conference of ICWRS, Bochum, Germany, 18 - 20 May 2016, vol.373, pp.137-141
- XXX. **Regional flow duration curves for Seyhan Ceyhan basin**  
BURGAN H. İ., AKSOY H.  
1st International Conference on Engineering Technology and Applied Sciences, Afyon, Turkey, 21 - 22 April 2016
- XXXI. **Hydrology under change and its link to society**  
AKSOY H.  
3rd Regional Conference on Climate Change and Global Warming, Fars Province, Iran, 8 - 09 March 2016
- XXXII. **Linking hydrology to society**  
AKSOY H.  
International Summit of Water, Sustainable Development and Healthy Life, Tehran, Iran, 2 - 03 March 2016
- XXXIII. **Coğrafi Bilgi Sistemleri Destekli Taşkın Hidrolik Modeli**  
BURGAN H. İ., KELLECİOĞLU D., AKSOY H., KIRCA V. Ş. Ö.  
4. Su Yapıları Sempozyumu, Antalya, Turkey, 19 - 21 November 2015, pp.260-267
- XXXIV. **Hydrological description of Mediterranean watersheds in Turkey**  
AKSOY H., SANCAR D.  
International Conference on African Large River Basins Hydrology, Hammamet, Tunisia, 26 - 30 October 2015, pp.2
- XXXV. **Akarsu Havzalarında Taşkına Meyilli Alanların Zemin Nem İndeksi ile Belirlenmesi**  
AKSOY H., KIRCA V. Ş. Ö., BURGAN H. İ., DORUKHAN K., ERMİŞ I. S.  
8. Ulusal Hidroloji Kongresi, Şanlıurfa, Turkey, 8 - 10 October 2015, pp.424-429
- XXXVI. **A decision tree self cleansing model for stormwater drainage systems**  
MOHAMMADI M., SAFARI M. J. S., VAHEDDOOST B., AKSOY H.  
17th International Conference on Transport & Sedimentation of Solid Particles, Delft, Netherlands, 22 - 25 September 2015
- XXXVII. **Decision Tree for Measuring the Interaction of Hyper Saline Lake and Coastal Aquifer in Lake Urmia**  
VAHEDDOOST B., AKSOY H., ABGHARI H., ZARE S.  
EWRI Watershed Management Conference, Wenatchee, WA, United States Of America, 5 - 07 August 2015, pp.62-71
- XXXVIII. **Baseflow index regressed on hydrometeorological variables for ungauged hydrological subcatchments**  
AKSOY H., ZAİFOĞLU H., KAYAN G., ERİŞ E.  
26th General Assembly of the International Union of Geodesy and Geophysics (IUGG), Prague, 22 June - 02 July 2015
- XXXIX. **Nonlinear baseflow recession analysis for karst watersheds**  
ERİŞ E., WITTENBERG H., AKSOY H.  
26th General Assembly of the International Union of Geodesy and Geophysics (IUGG), Prague, Czech Republic, 22 June - 02 July 2015
- XL. **ANN Decision Tree and Regression Methods for Forecasting Monthly Lagged Lake Water Level**  
VAHEDDOOST B., AKSOY H., ABGHARI H., ZARE S.  
9th World Congress of EWRA: Water Resources Management in a Changing World: Challenges and Opportunities, İstanbul, Turkey, 10 - 13 June 2015
- XLI. **Legislative aspects of flood hazard prevention and resilience in non EU member European countries**  
KIRCA V. Ş. Ö., AKSOY H., PAPATHEODOROU K., STEPANOVA K.  
9th World Congress of EWRA: Water Resources Management in a Changing World: Challenges and Opportunities, İstanbul, Turkey, 10 - 13 June 2015, pp.383
- XLII. **Rainfall runoff model considering microtopography simulated in a laboratory erosion flume**

- AKSOY H., GEDİKLİ A., ÜNAL N. E., ERİŞ E., Yoon J., YILMAZ M., TAYFUR G.  
 9th World Congress of EWRA: Water Resources Management in a Changing World: Challenges and Opportunities,  
 İstanbul, Turkey, 10 - 12 June 2015
- XLIII. Earthquake Landslide and Flood disaster Prevention The SciNetNatHaz Project**  
 PAPATHEODOROU K., TZANOU E., MAFTEİ C., KIRCA V. Ş. Ö., AKSOY H.  
 Frontiers in Environmental and Water Management 2015, Kavala, Greece, 19 - 21 March 2015
- XLIV. Flood hazard assessment and modelling practices in Turkey**  
 AKSOY H., KIRCA V. Ş. Ö., Papatheodorou K.  
 MEDFRIEND Project Meeting "Monitoring, modelling and early warning of extreme events triggered by heavy  
 rainfalls". PON 01\_01503, Cosenza, Italy, 26 - 28 June 2014
- XLV. AKARSU HAVZALARINDA YAMAÇ ÖLÇEĞİNDE KATI MADDE TAŞINIMI İÇİN AMPİRİK DENKLEM  
 GELİŞTİRİLMESİ**  
 AKSOY H., ERİŞ DUMAN E., ÜNAL N. E.  
 7. ULUSAL HİDROLOJİ KONGRESİ, Isparta, Turkey, 26 - 27 September 2013, pp.91-98
- XLVI. AKARSU HAVZALARINDA EROZYON VE KATI MADDE HAREKETİ İÇİN YAĞIŞ SİMÜLATÖRÜ  
 GELİŞTİRİLMESİ**  
 KAAN K., AKSOY H., ÜNAL N. E., ÇOKGÖR Ş., GEDİKLİ A., YOON J.  
 6. ULUSAL HİDROLOJİ KONGRESİ, Denizli, Turkey, 22 - 24 September 2010, pp.651-662
- XLVII. A USER-FRIENDLY TOOL FOR CONSTANT MEAN-SEGMENTATION OF LONG TIME SERIES**  
 AKSOY H., GEDİKLİ A., ÜNAL N. E.  
 3. INTERNATIONAL WORKSHOP ON HYDROLOGICAL EXTREMS, COSENZA, Italy, 10 - 12 July 2008, pp.35-41
- XLVIII. VAN GÖLÜ SU SEVİYESİ STOKASTİK MODELLERİ**  
 TELTİK İ., AKSOY H., ÜNAL N. E.  
 5. DÜNYA SU FORUMU BÖLGESEL HAZIRLIK SÜRECİ, Van, Turkey, 21 - 22 August 2008, pp.84-89
- XLIX. Long time series segmentation with regression-by-constant**  
 Aksoy H., Ünal N. E., Gedikli A.  
 IUGG XXIV General Assembly, IAHS - International Association of Hydrological Sciences, Perugia, Italy, 2 - 13 July  
 2007, pp.1-46
- L. Segmentation algorithm for long time series**  
 Aksoy H., Ünal N. E., Gedikli A.  
 Proceedings of the AMHY-FRIEND International Workshop on Hydrological Extremes, Cosenza, Italy, 6 - 08 June  
 2007, pp.133-140
- LI. STRUCTURAL CHARACTERISTICS OF MAXIMUM FLOWS IN EASTERN BLACK SEA REGION, TURKEY**  
 AKSOY H., KAYNAR L., ÜNAL N. E.  
 1. INTERNATIONAL WORKSHOP ON HYDROLOGICAL EXTREMS AMHY-FRIEND GROUP, COSENZA, Italy, 3 - 04 May  
 2006, pp.91-99
- LII. DOĞUKARA DENİZ BÖLGESİ YILLIK EN BÜYÜK GÜNLÜK ORTALAMA AKIMLARIN YAPISAL  
 KARAKTERİSTİKLERİ**  
 KAYNAR L., İTİBAR M. D., AKSOY H., ÜNAL N. E.  
 1. ULUSAL TAŞKIN SEMPOZYUMU, Ankara, Turkey, 10 - 12 May 2006, pp.415-423
- LIII. Streamflow Characteristics Of European Part Of Turkey**  
 AKSOY H., ÜNAL N. E., İTİBAR M. D.  
 International Conference on Water Observation and Information System for Decision Support, Ohrid, Macedonia,  
 25 - 29 May 2004

## Supported Projects

- Aksoy H., Project Supported by Other Official Institutions, Hidrolojik Havzalarda Kuraklık ve Düşük Akım Analizi, 2015 -  
 Continues
- Aksoy H., Project Supported by Other Official Institutions, Hidrolojik Havzalarda Düşük Akımlar ve Kuraklık Analizi, 2015

- Continues

- Aksoy H., TUBITAK Project, Hareketin Ve Çökelmenin Başlangıcı Esashi Kendiliğinden Temizlenen Drenaj Sistemi Tasarım Modelleri, 2014 - Continues
- Aksoy H., Yıldırım I., Çavuş Y., Project Supported by Higher Education Institutions, Hidrolojik Değişim Altında Kuraklık İlerlemesinin Veri Tabanlı Analizi, 2019 - 2020
- Aksoy H., Çavuş Y., Burgan H. İ., TAŞ B., BEYLER Y. İ., ADA H., YİĞİT H. E., BİĞİŞ M., ŞENER F., Project Supported by Higher Education Institutions, Küçük Menderes Nehir Havzası Hidrometeorolojik Verilerinin İstatistik Analizi ve Kuraklık İndeksi Hesabı, 2019 - 2020
- Aksoy H., Çavuş Y., Project Supported by Higher Education Institutions, Yağış Açığı Cinsinden Kritik Kuraklık Şiddet-Süre-Frekans Eğrileri, 2019 - 2019
- Aksoy H., Burgan H. İ., Project Supported by Higher Education Institutions, AKIM ÖLÇÜMÜ OLMAYAN KURUYAN AKARSULAR İÇİN DEBİ SÜREKLİLİK ÇİZGİSİ MODELİ, 2015 - 2019
- Aksoy H., Project Supported by Higher Education Institutions, Taşkına Meyilli Alanların Belirlenmesi için Hidrolojik ve Hidrolik Modeller, 2016 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Ölçüm yapılmayan akarsu havzalarında hidrometeorolojik verilere dayanan taban akışı regresyon denklemi, 2015 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Hidrolojik Havzalarda Katı Madde Sorunu, 2014 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Sürec Tabanlı ve Laboratuvar Deney Verisi Destekli Yağış Akış Katı Madde Harekei Modeli, 2013 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Van Gölü Su Seviyesinin Anı Değişim ve Çoklu Eğilimli Zaman Serisinin Stokastik Modeli, 2012 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Basit İstatistiksel Hidroloji Yöntemleri ile Birleştirilmiş Yapay Sinir Ağları Modelleri, 2011 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Uzun Zaman Serileri İçin Geliştirilmiş Bir Bilgisayar Programı, 2008 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Uzun Zaman Serilerinin Homojen Parçalara Ayırılması, 2007 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Doğu Karadeniz Bölgesi Yıllık En Büyük Günlük Ortalama Akımlarının Yapısal Karakteristikleri, 2006 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Ürdün'ün yıllık yağış verilerinin incelenmesi, 2005 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Dalgacık Analizi ile Hidrometeorolojik Veri Simülasyonu, 2004 - 2018
- Aksoy H., Project Supported by Higher Education Institutions, Urmiye Gölü için istatistiksel yaklaşımalarla modelleme çalışmaları, 2015 - 2017
- Aksoy H., Project Supported by Higher Education Institutions, Rijit Cidarlı Kanallarda Katı Madde Taşınınının Laboratuvar Çalışmaları, 2014 - 2016
- Aksoy H., H2020 Project, A Scientific Network for Earthquake Flood and Landslide Hazard Prevention, 2013 - 2015
- Aksoy H., Project Supported by Higher Education Institutions, Fırat ve dicle Havzalarının Taban Akışı İndeksinin Hesaplanması, 2012 - 2013
- Aksoy H., TUBITAK Project, Akarsu Havzaları İçin Yamaç Ölçeğinde Katı Madde Taşının Modeli Geliştirilmesi, 2009 - 2011
- Aksoy H., TUBITAK Project, Akım Ölçümleri Olmayan Akarsu Havzalarında Teknik Hidroelektrik Potansiyelin Belirlenmesi, 2006 - 2009
- Aksoy H., Project Supported by Higher Education Institutions, Kurulan Akarsularda Taban Akışının Ayrılması, 2006 - 2007

## Metrics

Publication: 154

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H-Index (WoS): 25

H-Index (Scopus): 25

### **Non Academic Experience**

MSB İnşaat Emlak Dairesi Başkanlığı / Köy Hizmetleri Genel Müdürlüğü

Koşuyolu 100. Yıl Yapı Kooperatifİ