

Prof. ALPER ELÇİ

Personal Information

Office Phone: [+90 232 301 7112](tel:+902323017112)

Fax Phone: [+90 232 453 1143](tel:+902324531143)

Email: alper.elci@deu.edu.tr

Web: <https://avesis.deu.edu.tr/alper.elci>

International Researcher IDs

ScholarID: zDptv4EAAAAJ

ORCID: 0000-0002-8102-0438

Publons / Web Of Science ResearcherID: B-6664-2009

ScopusID: 6603631991

Yoksis Researcher ID: 26251

Biography

Dr. Elci has over 25 years of academic and professional experience in the field of Environmental Engineering and Science. His research topics range from process-based environmental modeling to applications in hydrogeology, with a recent focus on hydro-informatics. He is Editor-in-Chief for the journal Sustainable Water Resources Management, an Associate Editor for the Hydrogeology Journal and a member of the Editorial Board of the Italian Journal for Groundwater, Acque Sotterranee. Furthermore, he provides consultancy to the water resources sector on water quality modeling and watershed characterization studies. Dr. Elci also teaches various courses and supervises students at the undergraduate and graduate levels. His recent research interests are:

- + Mathematical modeling of contaminant fate and transport in surface and groundwater
- + Earth-observation data assimilation in groundwater flow modeling
- + Application of geographical information systems (GIS) in environmental science and hydrology
- + Simulation-optimization of environmental systems

Education Information

Doctorate, Clemson University, Environmental Engineering And Science, United States Of America 1997 - 2003

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Teknolojisi (YI) (Tezli), Turkey 1993 - 1996

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1989 - 1993

Foreign Languages

German, C2 Mastery

English, C2 Mastery

Dissertations

Doctorate, Experimental and Theoretical Study of Subsurface Flow and Transport in a Riparian Wetland, Clemson University, Environmental Engineering And Science, 2003

Postgraduate, Data and analysis requirements for WWTP design, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Teknolojisi (YI) (Tezli), 1996

Research Areas

Environmental Modeling, Soil and Groundwater Pollution and Control, Hydrogeology and Hidrology

Academic Titles / Tasks

Professor, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2018 - Continues
Researcher, University of California, Davis, Visiting Fulbright Researcher, Department of Civil and Environmental Engineering, 2020 - 2020

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2012 - 2018

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2005 - 2012

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 1994 - 2005

Research Assistant, Clemson University, Çevre Mühendisliği Ve Bilimleri, 1997 - 2002

Academic and Administrative Experience

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Dokuz Eylul University, 2013 - 2016

Courses

M.Sc. Research, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Ph.D. Research, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Çevre Mühendisleri için Sayısal Yöntemler, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017

M.Sc. Thesis, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Ph.D. Thesis, Doctorate, 2022 - 2023, 2021 - 2022, 2014 - 2015

Çevresel Modelleme, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Surface Water Quality Modeling, Doctorate, 2023 - 2024

CONTAMINANT FATE AND TRANSPORT IN THE SUBSURFACE, Postgraduate, 2021 - 2022, 2007 - 2008

Bitirme Projesi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2012 - 2013, 2011 - 2012, 2009 - 2010

NUMERICAL MODELING OF GROUND WATER, Postgraduate, 2022 - 2023, 2020 - 2021, 2013 - 2014, 2012 - 2013, 2008 - 2009, 2007 - 2008, 2006 - 2007

M.Sc. Research, Postgraduate, 2021 - 2022

Çevresel Taşınım Süreçleri, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

M.Sc. Seminar, Postgraduate, 2021 - 2022

M.Sc. Seminar, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Ph.D. Seminar, Doctorate, 2021 - 2022

SU KALİTESİ MODELLERİ, Undergraduate, 2018 - 2019, 2011 - 2012

ENVIRONMENTAL MODELLING, Postgraduate, 2018 - 2019, 2016 - 2017, 2005 - 2006

MÜHENDİSLİK MATEMATİĞİ, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

ÇEVRESEL DİSPERSİYON, Undergraduate, 2009 - 2010, 2008 - 2009

Advising Theses

Elçi A., Ören A. H., Integration of InSAR, groundwater level decline and geomechanical models: Insight into land subsidence in the Gediz River Basin, Doctorate, B.Çaylak(Student), Continues

Elçi A., Impact Assessment of Groundwater Overexploitation in the Azraq Wetland (Jordan) Using Groundwater Simulations, Postgraduate, M.Berker(Student), Continues

Elçi A., Earth Observation-Supported Groundwater Flow Modeling, Doctorate, E.Aysu(Student), Continues

Elçi A., Multi-Criteria Optimization for Water Resources Management in Water-Stressed Basins, Doctorate, N.Polat(Student), Continues

Elçi A., Somay Altaş A. M., IDENTIFICATION OF GROUNDWATER RECHARGE ZONES WITH THE SWAT HYDROLOGICAL MODEL, Postgraduate, F.Çakır(Student), 2024

Elçi A., Küçük Menderes Nehri için su kalitesi modelinin uygulanması, Postgraduate, N.Gevrekçioğlu(Student), 2021

ELÇİ A., Bir otoyol tüneline kullanarak emisyon faktörlerinin belirlenmesi ve türetilmesi, Postgraduate, N.KARA(Student), 2013

ELÇİ A., Tahtalı havzası için bölgesel bir yeraltı suyu akım modelinin geliştirilmesi, Postgraduate, D.KARADAŞ(Student), 2009

ELÇİ A., Nif dağı karstik akiferi yeraltı suyu kalitesinin mekansal ve zamansal değerlendirilmesi, Postgraduate, R.POLAT(Student), 2009

Jury Memberships

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, June, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2024

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, May, 2024

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, February, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2023

Academic Staff Examination, Academic Staff Examination, Turkish Fulbright Commission, December, 2023

Academic Staff Examination, Academic Staff Examination, Fulbright , December, 2023

Doctorate, Doctorate, Bolu Abant İzzet Baysal Üniversitesi, November, 2023

Post Graduate, Post Graduate, Boğaziçi Üniversitesi, September, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, August, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, July, 2023

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, June, 2023

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, February, 2023

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, July, 2022

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, June, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, March, 2022

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Hacettepe Üniversitesi, November, 2021

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, September, 2021

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül University, August, 2021

Associate Professor Exam, Associate Professor Exam, Dokuz Eylul University, July, 2021
Award, Fulbright Öğrenci Programı Mülakat Jürisi, Turkish Fulbright Commission, July, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, July, 2019
Post Graduate, Post Graduate, Pamukkale Üniversitesi, June, 2019
Doctorate, Doctorate, Dokuz Eylül Üniversitesi, January, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, October, 2018
Associate Professor Exam, Associate Professor Exam, Dokuz Eylul University, October, 2018
Associate Professor Exam, Associate Professor Exam, Dokuz Eylul University, April, 2018
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2018
Associate Professor Exam, Associate Professor Exam, Dokuz Eylul University, December, 2017
Associate Professor Exam, Associate Professor Exam, Dokuz Eylul University, December, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, July, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2015
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, September, 2014
Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, February, 2014
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, January, 2014
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, August, 2013
Doctorate, Doctorate, Dokuz Eylül Üniversitesi, July, 2013
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, June, 2013
Doctorate, Doctorate, Dokuz Eylül Üniversitesi, June, 2013
Doctorate, Doctorate, Dokuz Eylül Üniversitesi, May, 2012
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2011
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, October, 2010
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, October, 2009
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, April, 2009
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, February, 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The IAHS Science for Solutions decade, with Hydrology Engaging Local People IN a Global world (HELPING)**
Arheimer B., Cudennec C., Castellarin A., Grimaldi S., Heal K. V., Lupton C., Sarkar A., Tian F., Kileshye Onema J., Archfield S., et al.
HYDROLOGICAL SCIENCES JOURNAL, vol.69, no.7, pp.1-48, 2024 (SCI-Expanded)
- II. **Monitoring land subsidence induced by tectonic activity and groundwater extraction in the eastern Gediz River Basin (Türkiye) using Sentinel-1 observations**
Navarro-Hernández M. I., Tomás R., Valdes-Abellan J., Bru G., Ezquerro P., Guardiola-Albert C., Elçi A., Batkan E. A., Caylak B., Ören A. H., et al.
Engineering Geology, vol.327, 2023 (SCI-Expanded)
- III. **Fellowship of the Spring: An initiative to document and protect the world's oases**

Fensham R. J., Adinehvand R., Babidge S., Cantonati M., Currell M., Daniele L., Elçi A., Galassi D. M., De La Hera Portillo Á., Hamad S., et al.

Science of The Total Environment, vol.887, pp.1-49, 2023 (SCI-Expanded)

- IV. **Long-term spatial-temporal monitoring of eutrophication in Lake Burdur using remote sensing data**
Tuygun G., Salgut S., Elçi A.
WATER SCIENCE AND TECHNOLOGY, vol.2023113, pp.1-11, 2023 (SCI-Expanded)
- V. **Stakeholders' Perspective on Groundwater Management in Four Water-Stressed Mediterranean Areas: Priorities and Challenges**
Bonì R., Teatini P., Zoccarato C., Guardiola-Albert C., Ezquerro P., Bru G., Tomás R., Valdes-Abellan J., Pla C., Navarro-Hernández M. I., et al.
LAND, vol.11, no.5, pp.1-26, 2022 (SSCI)
- VI. **Allocation of unequally-weighted wastewater discharge loads using a simulation-optimization approach**
Sadak D., Ayvaz M. T., Elçi A.
JOURNAL OF HYDROLOGY, vol.589, 2020 (SCI-Expanded)
- VII. **Identification of the optimum groundwater quality monitoring network using a genetic algorithm based optimization approach**
AYVAZ M. T., ELÇİ A.
JOURNAL OF HYDROLOGY, vol.563, pp.1078-1091, 2018 (SCI-Expanded)
- VIII. **The Health Risk Associated with Chronic Diseases in Villages with High Arsenic Levels in Drinking Water Supplies**
Gunduz O., BAKAR C., ŞİMŞEK C., Baba A., ELÇİ A., Gurleyuk H., Mutlu M., Çakır M. A.
EXPOSURE AND HEALTH, vol.9, no.4, pp.261-273, 2017 (SCI-Expanded)
- IX. **Calibration of groundwater vulnerability mapping using the generalized reduced gradient method**
ELÇİ A.
JOURNAL OF CONTAMINANT HYDROLOGY, vol.207, pp.39-49, 2017 (SCI-Expanded)
- X. **Evaluation of nutrient retention in vegetated filter strips using the SWAT model**
ELÇİ A.
WATER SCIENCE AND TECHNOLOGY, vol.76, no.10, pp.2742-2752, 2017 (SCI-Expanded)
- XI. **Modeling of seawater intrusion in a coastal aquifer of Karaburun Peninsula, western Turkey**
Mansour A. Y. S., Baba A., Gunduz O., ŞİMŞEK C., ELÇİ A., Murathan A., SÖZBİLİR H.
ENVIRONMENTAL EARTH SCIENCES, vol.76, no.22, 2017 (SCI-Expanded)
- XII. **Statistical Analysis of Causes of Death (2005-2010) in Villages of Simav Plain, Turkey, With High Arsenic Levels in Drinking Water Supplies**
Gunduz O., BAKAR C., ŞİMŞEK C., Baba A., ELÇİ A., Gurleyuk H., Mutlu M., Çakır M. A.
ARCHIVES OF ENVIRONMENTAL & OCCUPATIONAL HEALTH, vol.70, no.1, pp.35-46, 2015 (SCI-Expanded)
- XIII. **An improved landfill site screening procedure under NIMBY syndrome constraints**
ŞİMŞEK C., ELÇİ A., Gunduz O., TAŞKIN N.
LANDSCAPE AND URBAN PLANNING, vol.132, pp.1-15, 2014 (SCI-Expanded)
- XIV. **Groundwater Recharge Rate and Zone Structure Estimation Using PSOLVER Algorithm**
AYVAZ M. T., ELÇİ A.
GROUNDWATER, vol.52, no.3, pp.434-447, 2014 (SCI-Expanded)
- XV. **Differential-Evolution algorithm based optimization for the site selection of groundwater production wells with the consideration of the vulnerability concept**
Elçi A., Ayvaz M. T.
JOURNAL OF HYDROLOGY, vol.511, pp.736-749, 2014 (SCI-Expanded)
- XVI. **Sample Collection into Sterile Vacuum Tubes to Preserve Arsenic Speciation in Natural Water Samples**
Gunduz O., Gurleyuk H., Çakır M. A., ELÇİ A., Baba A., ŞİMŞEK C.
JOURNAL OF ENVIRONMENTAL ENGINEERING, vol.139, no.8, pp.1080-1088, 2013 (SCI-Expanded)
- XVII. **A groundwater management tool for solving the pumping cost minimization problem for the Tahtali**

- watershed (Izmir-Turkey) using hybrid HS-Solver optimization algorithm**
AYVAZ M. T., ELÇİ A.
JOURNAL OF HYDROLOGY, vol.478, pp.63-76, 2013 (SCI-Expanded)
- XVIII. **Waste disposal on karstic terrain: a case study from the ancient marble quarries in Iznik (Nicaea), Turkey**
ŞİMŞEK C., YAVUZ A. B., ELÇİ H., ELÇİ A., Gunduz O.
GEOSCIENCES JOURNAL, vol.15, no.3, pp.339-348, 2011 (SCI-Expanded)
- XIX. **Assessment of the statistical significance of seasonal groundwater quality change in a karstic aquifer system near Izmir-Turkey**
ELÇİ A., Polat R.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.172, pp.445-462, 2011 (SCI-Expanded)
- XX. **The combined use of MODFLOW and precipitation-runoff modeling to simulate groundwater flow in a diffuse-pollution prone watershed**
ELÇİ A., Karadas D., Fistikoglu O.
WATER SCIENCE AND TECHNOLOGY, vol.62, no.1, pp.180-188, 2010 (SCI-Expanded)
- XXI. **Identification of Lateral Macropore Flow in a Forested Riparian Wetland through Numerical Simulation of a Subsurface Tracer Experiment**
ELÇİ A., Molz F. J.
WATER AIR AND SOIL POLLUTION, vol.197, pp.149-164, 2009 (SCI-Expanded)
- XXII. **Hydrogeological and hydrogeochemical characterization of a karstic mountain region**
ŞİMŞEK C., ELÇİ A., Gunduz O., Erdogan B.
ENVIRONMENTAL GEOLOGY, vol.54, no.2, pp.291-308, 2008 (SCI-Expanded)
- XXIII. **Implications of observed and simulated ambient flow in monitoring wells, by Alper Elci, Fred J. Molz III, and W. R. Waldrop, November-December 2001 issue, v. 39, no. 6: 853-862. - Reply**
Molz F., ELÇİ A.
GROUND WATER, vol.42, no.1, pp.138-139, 2004 (SCI-Expanded)
- XXIV. **Evaluation of a conceptual model for the subsurface transport of plutonium involving surface mediated reduction of Pu(V) to Pu(IV)**
Fjeld R., Serkiz S., McGinnis P., ELÇİ A., Kaplan D.
JOURNAL OF CONTAMINANT HYDROLOGY, vol.67, no.1-4, pp.79-94, 2003 (SCI-Expanded)
- XXV. **Detrimental effects of natural vertical head gradients on chemical and water level measurements in observation wells: identification and control**
ELÇİ A., Flach G., Molz F.
JOURNAL OF HYDROLOGY, vol.281, no.1-2, pp.70-81, 2003 (SCI-Expanded)
- XXVI. **Evaluation of a conceptual model for the subsurface transport of plutonium involving surface mediated reduction of PU(V) to PU(IV).**
Fjeld R., Serkiz S., McGinnis P., ELÇİ A., Kaplan D.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.223, 2002 (SCI-Expanded)
- XXVII. **Implications of observed and simulated ambient flow in monitoring wells**
ELÇİ A., Molz F., Waldrop W.
GROUND WATER, vol.39, no.6, pp.853-862, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Novel Wastewater Load Allocation Approach for River Basins Using Simulation-Optimization Models**
Sadak D., Ayvaz M. T., Elçi A., Dilaver M., Ayaz S.
Scientific Research Communications, vol.3, no.1, pp.1-10, 2023 (Peer-Reviewed Journal)
- II. **Karaburun Karımadasındaki Yeraltısularının Fiziksel ve İzotopik Özellikleri DSİ Teknik Bülteni**
BABA A., ŞİMŞEK C., Solak O., GÜNDÜZ O., ELÇİ A., Murathan A., SÖZBİLİR H.

- DSİ Teknik Bülteni, no.120, pp.14-25, 2016 (Peer-Reviewed Journal)
- III. **PHYSICAL AND ISOTOPIC PROPERTIES OF WATER RESOURCES IN THE KARABURUN PENINSULA**
BABA A., ŞİMŞEK C., SOLAK O., GÜNDÜZ O., ELÇİ A., MURATHAN A., SÖZBİLİR H.
DSİ Teknik Bülteni, vol.0, no.120, pp.14-25, 2016 (Peer-Reviewed Journal)
- IV. **Karaburun Yarımadası ndaki yeraltı sularının fiziksel ve izotopik özellikleri**
BABA A., ŞİMŞEK C., Solak O., GÜNDÜZ O., ELÇİ A., Murathan A., SÖZBİLİR H.
DSİ Teknik Bülten, no.120, pp.14-25, 2016 (Peer-Reviewed Journal)
- V. **Terkedilmiş Balya (BALIKESİR) Pb-Zn Maden Atıklarının Ağır Metal ve Doğal Radyoaktivite İçeriği ve Çevre Kalitesi Açısından Değerlendirilmesi**
Elçi A., Şimşek C.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.2, pp.43-55, 2012 (Peer-Reviewed Journal)
- VI. **Jeotermal Akışkan Deşarjının Yüzeysel Su Kalitesine Etkisi Örnek Saha Simav Ovası Kütahya**
GÜNDÜZ O., Mutlu M., ELÇİ A., ŞİMŞEK C., BABA A.
Çevre Bilim ve Teknoloji Teknik Dergi, vol.3, no.4, pp.231-246, 2012 (Peer-Reviewed Journal)
- VII. **The assessment of basin protection zones with respect to groundwater contaminant transport**
Elçi A.
Su Kaynakları, vol.2, pp.41-48, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Groundwater in Our Water Cycle – Getting to Know Earth’s Most Important Fresh Water Source**
Elçi A.
The Groundwater Project, Guelph, 2021
- II. **Basit Zaman-Değişkenli Çözümler**
ELÇİ A.
in: Yüzeysel Su Kalitesi Modelleme, Bakan Gülfem, Editor, Nobel Akademik Yayıncılık, pp.212-222, 2015
- III. **Mikrop/Substrat Modellemesi**
ELÇİ A.
in: Yüzeysel Su Kalitesi Modelleme, Bakan Gülfem, Editor, Nobel Akademik Yayıncılık, pp.590-602, 2015
- IV. **Isı Bütçeleri**
ELÇİ A.
in: Yüzeysel Su Kalitesi Modelleme, Bakan Gülfem, Editor, Nobel Akademik Yayıncılık, pp.560-576, 2015
- V. **Gelişmiş Zaman-Değişkenli Çözümler**
ELÇİ A.
in: Yüzeysel Su Kalitesi Modelleme, Bakan Gülfem, Editor, Nobel Akademik Yayıncılık, pp.223-232, 2015
- VI. **Application of Hybrid HS-Solver Algorithm to the Solution of Groundwater Management Problems**
Ayvaz M. T., Elçi A.
in: Metaheuristics in Water, Geotechnical and Transport Engineering, X.S. Yang,A. Hossein,A.H. Gandomi,S.Talatahari, Editor, Elsevier Science, Oxford/Amsterdam , Amsterdam, 2012
- VII. **Advances in GIS-Based Approaches to Groundwater Vulnerability Assessment: Overview and Applications**
Elçi A.
in: Clean Soil and Safe Water, Quercia F.,Vidojevic D., Editor, Springer-Verlag , Dordrecht, pp.97-114, 2011
- VIII. **Assessing the Impact of Climate Change on Groundwater Resources Using Groundwater Flow Models**
Elçi A.
in: Climate Change and its Effects on Water Resources, Alper Baba,Gökmen Tayfur,Orhan Gündüz,Ken W.F. Howard,Michael J. Friedel,Antonio Chambel, Editor, Springer-Verlag , Dordrecht, pp.63-75, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **Point source pollutant concentration discharge limits based on receiving stream water quality: an analytical modeling approach applied to the K c k Menderes River Basin**
Eryılmaz Saylan  ., Elçi A.
10. Uluslararası  evresel Hidrolik Sempozyumu, Aberdeen, England, 24 - 28 June 2024, pp.1
- II. **Inferring the storage of aquifer systems from InSAR measurements via flow and geomechanical modelling**
Li Y.,  aylak B., Elçi A.,  ren A. H., Zoccarato C., Batkan E. A., Teatini P., Meisina C.
EGU General Assembly 2024, Vienna, Austria, 14 - 19 April 2024, pp.1
- III. **A Groundwater Flow Modeling Study to Conserve the Azraq Wetland Reserve (Jordan) Ecosystem**
Bayırtepe M. B., Elçi A., Mohammad A. H., Shatanawi K., Al-Mimi Q., Khreisha H.
2nd International Conference Water Resources Management & Sustainability: Solutions for Arid Regions, Dubai, United Arab Emirates, 25 - 29 February 2024, pp.1
- IV. **Characterization and Assessment of Hydrogeological and Hydrogeochemical Processes in Torbalı-Fetrek Sub-basin, T rkiye**
K c ks mb l A., Somay Altaş A. M., Elçi A.
MedGU 23, İstanbul, Turkey, 27 - 30 November 2023, pp.1-14
- V. **Estimation of Groundwater Storage: Can Storage Change Derived from the Gravity Recovery & Climate Experiment (GRACE) be a Substitute for a Calibrated Numerical Flow Model?**
Batkan E. A., Elçi A.,  ren A. H.
5. Hidroloji i in Uzak  alıřtayı (Hydrospace 2023), Lisbon, Portugal, 27 November - 01 December 2023, pp.1
- VI. **CALCULATION OF LAND SUBSIDENCE DUE TO GROUNDWATER LEVEL CHANGE IN AQUIFER SYSTEM**
 aylak B.,  ren A. H., Batkan E. A., Bayırtepe M. B., Elçi A., Guardiola-Albert C., Bru G., Ezquerro P., Tomas R., Navarro-Hern ndez M. I.
9. Geoteknik Sempozyumu, İstanbul, Turkey, 22 - 24 November 2023, pp.85-90
- VII. **Groundwater Flow Modeling for Investigation of Exploitation Induced Land Subsidence**
Elçi A., Meisina C., Guardiola-Albert C., Tomas R., Teatini P., Valdes-Abellan J., Shatanawi K., Letterio T.,  ren A. H.
IAH 50th Worldwide Groundwater Congress, Cape-Town, South Africa, 18 - 22 September 2023, pp.1
- VIII. **Uncertainty Assessment of Percolation Groundwater Recharge Estimated with the SWAT Hydrological Model: A Case Study for the Fetrek Watershed (Izmir, T rkiye)**
Elçi A.,  akır F., Somay Altaş A. M.
2023 SWAT Conference, Aarhus, Denmark, 26 - 30 June 2023, pp.1
- IX. ** evresel Baskı Altındaki Fetrek  ayı (Izmir-Torbalı) Alt Havzası i in Bir Yeraltı Suyu Akım Modelleme  alıřması**
Eryılmaz Saylan  ., Elçi A., Somay Altaş A. M.,  akır F., K c ks mb l A.
Hidro 2023 - Ulusal Hidrojeoloji ve Su Kaynakları Sempozyumu, Trabzon, Turkey, 25 - 27 May 2023, pp.1-11
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 akır F., Elçi A., Somay Altaş A. M., Eryılmaz Saylan  ., K c ks mb l A.
Hidro 2023 - Ulusal Hidrojeoloji ve Su Kaynakları Sempozyumu, Trabzon, Turkey, 25 - 27 May 2023, pp.1-11
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Batkan E. A.,  aylak B., Bayırtepe M. B.,  ren A. H., Elçi A.
Hidro 2023 - Ulusal Hidrojeoloji ve Su Kaynakları Sempozyumu, Trabzon, Turkey, 25 - 27 May 2023, pp.1-8
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Bayırtepe M. B., Elçi A., Mohammad A. H., Shatanawi K., Al-Mimi Q.
HİDRO2023 ULUSAL HİDROJEOLOJİ VE SU KAYNAKLARI SEMPOZYUMU, Trabzon, Turkey, 25 - 27 May 2023, pp.1-8
- XIII. **Analysis of land subsidence caused by groundwater overexploitation in the Gediz River Basin based on Sentinel-1 observations**
Navarro-Hern ndez M., Tom s R., Valdes-Abellan ., Bru G., Ezquerro P., Guardiola-Albert C., Elçi A., Batkan E. A.,

Çaylak B., Ören A. H., et al.

European Geophysical Union General Assembly 2023, Vienna, Austria, 23 - 28 April 2023, pp.1

- XIV. **A Groundwater Flow Modeling Application for the Impact Assessment of Treated Wastewater Reuse by Managed Aquifer Recharge**
Eryılmaz Saylan Ç., Elçi A., Somay Altaş A. M.
European Geoscience Union (EGU) 2023, Vienna, Austria, 24 April 2023, pp.1
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Çakır F., Elçi A., Somay Altaş A. M.
European Geoscience Union (EGU) 2023, Vienna, Austria, 24 April 2023, pp.1
- XVI. **A-DInSAR analysis for the study of subsidence in water stressed Mediterranean areas**
Meisina C., Pedretti L., Rygus M., Boni R., Elçi A., Batkan E. A., Çaylak B., Ören A. H.
10th International Symposium on Land Subsidence, The Hague, Netherlands, 17 - 21 April 2023, pp.1-4
- XVII. **Multicriteria decision-making approach as a strategy to deal with land subsidence in affected areas**
Pla C., Valdes-Abellan., Navarro-Hernandez M. I., Guardiola-Albert C., Ezquerro P., Bru G., Elçi A., Meisina C., Tomas R.
EGU General Assembly 2023, Vienna, Austria, 23 - 28 April 2023, pp.1
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Batkan E. A., Çaylak B., Bayırtepe M. B., Ören A. H., Elçi A.
EGU General Assembly 2023, Vienna, Austria, 24 - 28 April 2023, pp.1
- XIX. **Management of Industrial Treated Wastewater Reuse in two Mediterranean Countries (Türkiye-Tunusia) as Mitigation Measures to Water scarcity in a Climate Change Context: The TRUST Project (Torbalı-Fetrek Sub-Basin, İzmir)**
SOMAY ALTAŞ A. M., ELÇİ A., KÜÇÜKSÜMBÜL A., Çakır F., Eryılmaz Ç.
Uluslararası Gediz ve Ege Nehir Havzaları Sempozyumu (GEDİZSEM2022), İzmir, Turkey, 28 November 2022
- XX. **Gediz Havzası Yeraltısuyu Kaynaklarının Miktar ve Kalite Açısından Değerlendirilmesi**
Baba A., Şimşek C., Gündüz O., Elçi A., Murathan A.
Uluslararası Gediz ve Ege Nehir Havzaları Sempozyumu, İzmir, Turkey, 28 - 29 November 2022, pp.77-78
- XXI. **İKLİM DEĞİŞİKLİĞİ SÜRECİNDE SU KİTLİĞİ ETKİLERİNİ AZALTMA ÖNLEMİ OLARAK İKİ AKDENİZ ÜLKESİNDE (TÜRKİYE-TUNUS) ARITILMIŞ SANAYİ ATIKSUYUNUN YENİDEN KULLANIMININ YÖNETİMİ: TRUST PROJESİ (TORBALI-FETREK HAVZASI, İZMİR)**
Somay Altaş A. M., Elçi A., Küçüksümbül A.
Uluslararası Gediz ve Ege Nehir Havzaları Sempozyumu (GEDİZSEM2022), İzmir, Turkey, 28 - 30 November 2022, pp.1-2
- XXII. **REMOTE SENSING DATA-SUPPORTED GROUNDWATER RECHARGE ESTIMATION FOR THE ALAŞEHİR-SARIGÖL SUB-BASIN ALLUVIAL AQUIFER**
Batkan E. A., Çaylak B., Ören A. H., Elçi A.
Uluslararası Gediz ve Ege Nehir Havzaları Sempozyumu (GEDİZSEM2022), İzmir, Turkey, 28 - 30 November 2022, pp.1-7
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Çaylak B., Ören A. H., Batkan E. A., Elçi A., Guardiola-Albert C., Bru G., Ezquerro P., Tomas R., Navarro-Hernandez M.
Uluslararası Gediz ve Ege Nehir Havzaları Sempozyumu (GEDİZSEM2022), İzmir, Turkey, 28 - 30 November 2022, pp.134-140
- XXIV. **LONG-TERM SPATIAL-TEMPORAL MONITORING OF EUTROPHICATION IN LAKE BURDUR USING REMOTE SENSING DATA**
Salgut S., Tuna Tuynun G., Elçi A.
IWA DIPCON 2022 4th Regional Conference on Diffuse Pollution & Eutrophication, İstanbul, Turkey, 24 - 28 October 2022, pp.324-332
- XXV. **Sustainable Management of Groundwater by Earth Observation Technologies**
Elçi A., Ören A. H.

Sustain Valencia 2022 - Achieving Sustainable Groundwater Management: Promising Directions and Unresolved Challenges, Valencia, Spain, 6 - 08 October 2022, pp.121-122

- XXVI. **Groundwater Recharge Time Series Estimation Supported by EarthObservation Data: A Case Study of the Gediz River Basin Alluvial Aquifer**
Batkan E. A., Çaylak B., Ören A. H., Elçi A.
Sustain-Coast MEDSAL Common International Conference - Integrated Groundwater Management of Mediterranean Coastal Aquifers, Hania, Greece, 27 - 30 September 2022, pp.1
- XXVII. **Sustainable Management of Groundwater by Earth Observation Technologies**
Meisina C., Elçi A., Ören A. H.
39th IAHR World Congress, Granada, Spain, 19 - 24 June 2022, pp.3170-3177
- XXVIII. **A SIMULATION-OPTIMIZATION APPROACH FOR SOLVING THEWASTEWATER LOAD ALLOCATION PROBLEMS IN RIVER BASIN SYSTEMS**
Sadak D., Ayvaz M. T., Elçi A., Dilaver M., Ayaz S.
14 INTERNATIONAL CONFERENCE ON HYDROSCIENCE AND ENGINEERING, İzmir, Turkey, 26 - 28 May 2022, pp.133-142
- XXIX. **Exploring land subsidence with A-DINSAR Thematic Apps of the Geohazards Platform**
Bru G., Guardiola-Albert C., Bejar-Pizarro M., Herrera G., Tomas R., Navarro-Hernandez M., Lopez-Sanchez J. M., Ören A. H., Çaylak B., Elçi A., et al.
Living Planet Symposium, Bonn, Germany, 23 - 27 May 2022, pp.1
- XXX. **Küçük Menderes Nehir Havzasındaki Yayılı Kirlilik Yüklerinin SWAT Modeli ile Tahmin Edilmesi**
Temel D., Elçi A., Ayaz S.
14. ULUSAL 2. ULUSLARARASI ÇEVRE MÜHENDİSLİĞİ KONGRESİ 2021, 9 - 11 December 2021, pp.1-10
- XXXI. **Metodología para la evaluación semicuantitativa de la gobernanza de las aguas subterráneas y su relación con el estado de las masas de agua**
Sánchez García D., Nieto López J. M., Muñoz García A., Argamasilla Ruiz M., Hoteit H., Al-Hadidi L., Meisina C., Guardiola-Albert C., Letterio T., Elçi A., et al.
Iberian Groundwater Congress 2021, Valencia, Spain, 17 - 19 November 2021, pp.153-154
- XXXII. **LAND SUBSIDENCE ANALYSIS CAUSED BY AQUIFER OVEREXPLOITATION USING GEP TOOLS: A-DINSAR ON THE CLOUD**
Bru G., Ören A. H., Çaylak B., Elçi A.
3rd Congress in Geomatics Engineering, Valencia, Spain, 7 - 08 July 2021, pp.127-136
- XXXIII. **Stakeholder Perspective Analysis to Improve the Sustainable Groundwater Management in four Water-Stressed Mediterranean Areas**
Boni R., Elçi A., Ören A. H., Meisina C.
48th IAH Congress, Brussels, Belgium, 6 - 10 September 2021, pp.1
- XXXIV. **Receiving Water Quality Models for Estimation of Total Maximum Daily Pollutant Loads: Case Study of the Küçük Menderes River Basin (Turkey)**
Gevrekçioğlu N., Elçi A.
IWRA 2021 Online Conference One Water One Health: Water, Food and Public Health in a Changing World, 07 June 2021
- XXXV. **KÜÇÜK MENDERES HAVZASI NOKTASAL ATIKSU DEŞARJLARINDA ÖNCELİKLİ MADDELER VE BELİRLİ KİRLETİCİLER İÇİN ALICI ORTAM BAZLI DEŞARJ LİMİTİ BELİRLENMESİ**
Ayaz S., Dilaver M., Erdoğan N., Sarıkaya Ö., Elçi A., Ayvaz M. T.
1.Uluslararası Çevre Mühendisliği Kongresi, Kocaeli, Turkey, 10 - 12 October 2019, pp.257-261
- XXXVI. **Simulation-Optimization of Pollutant Source Allocation in the Kucuk Menderes River Basin**
Elçi A., Ayvaz M. T., Dilaver M., Ayaz S.
38. IAHR Dünya Kongresi, Panama, Panama, 1 - 06 September 2019, pp.2498-2503
- XXXVII. **Analysis of Satellite Imagery to Determine Spatial-Temporal Changes of Surface Water Bodies: A Case Study of Burdur River Basin, Turkey**
Elçi A.
38. IAHR Dünya Kongresi, Panama, Panama, 1 - 06 September 2019

- XXXVIII. **Optimum Allocation of the Pollutant Load Distributions based on a Linked Simulation-Optimization Approach**
Ayvaz M. T., Sadak D., Elçi A., Dilaver M., Ayaz S.
11. EWRA Dünya Kongresi, Madrid, Spain, 25 - 29 July 2019
- XXXIX. **Simulating the impact of water quality improvement measures for nutrient-sensitive river basins with the Aquatox model**
Elçi A., Ayaz S., Aynur Ş.
13.Uluslararası Hidrobilişim Konferansı, Palermo, Italy, 1 - 06 July 2018
- XL. **Problems with Conventional Groundwater Vulnerability Assessment Methods**
ELÇİ A.
Uluslararası Su ve Çevre Kongresi, Bursa, Turkey, 22 - 24 March 2018
- XLI. **Seeking the Optimum Groundwater Monitoring Network using a Genetic Algorithm Approach**
Ayvaz M. T., Elçi A.
37th IAHR World Congress, Kuala-Lumpur, Malaysia, 13 - 18 August 2017, pp.4860-4867
- XLII. **Predicting Diffuse Source Pollution For a Nutrient-Sensitive River Basin with the SWAT Model**
ELÇİ A., Ayaz S.
37th IAHR World Congress, 13 - 18 August 2017
- XLIII. **Investigation of Sea Water Intrusion in the Ildırı Region (Çeşme-Turkey) Coastal Aquifer**
BABA A., GÜNDÜZ O., ŞİMŞEK C., ELÇİ A., MURATHAN A., SÖZBİLİR H.
2nd International Conference on Civil and Environmental Engineering (ICOCEE), 8 - 10 May 2017
- XLIV. **Evaluation of Nutrient Retention in Vegetated Filter Strips Using the SWAT Model**
ELÇİ A.
2nd IWA Regional Symposium on World's Water Resources: Past, Present and Future, 22 - 24 March 2017
- XLV. **Evidence for Sea Water Intrusion in Karstic Aquifer of Karaburun Peninsula, NW Turkey**
Baba A., Şimşek C., Gündüz O., Elçi A., Sözbilir H.
2.IWA Bölgesel Su, Atıksu ve Çevre Sempozyumu, İzmir, Turkey, 22 - 24 March 2017, pp.133
- XLVI. **Assessment and designing of groundwater quality monitoring networks by using a gridding based genetic algorithm optimization approach**
AYVAZ M. T., ELÇİ A.
9.IAHS Yeraltı Suyu Kalitesi Konferansı, 24 - 28 July 2016
- XLVII. **Sampling Bias in Groundwater Quality Monitoring The Importance of Well Configuration and Local Flow Conditions**
Elçi A., Ayvaz M. T.
9.IAHS Yeraltı Suyu Kalitesi Konferansı, Shenzhen, China, 24 - 28 July 2016
- XLVIII. **Site Selection of Water Supply Wells Based on Differential Evolution Optimization**
Ayvaz M. T., Elçi A.
3rd International Conference Water Across Time in Engineering Research - WATER 2016, Constanta, Romania, 23 - 25 June 2016
- XLIX. **High Arsenic Levels in Water Resources Resulting from Geogenic Resources in Gediz Graben Western Turkey**
BABA A., GÜNDÜZ O., ŞİMŞEK C., ELÇİ A., Murathan A., SÖZBİLİR H.
Çevrede Arsenik Üzerine 6. Uluslararası Konferans (As2016), 19 - 23 June 2016
- L. **Tracing the relative distribution of arsenic species in groundwater and its association with soil arsenic levels in the Simav Graben Western Turkey**
Gündüz O., Baba A., Şimşek C., Elçi A., Gürleyük H.
Çevrede Arsenik Üzerine 6. Uluslararası Konferans (As2016), Stockholm, Sweden, 19 - 23 June 2016
- LI. **High arsenic levels in groundwater resources of Gediz Graben, Western Turkey**
Baba A., Gündüz O., Şimşek C., Elçi A., Murathan A., Sözbilir H.
6th International Congress on Arsenic in the Environment, AS 2016, Stockholm, Sweden, 19 - 23 June 2016, pp.35-36
- LII. **Karaburun Yarımadası ndaki Yeraltı Sularının Fiziksel ve İzotopik Özellikleri**

- Baba A., Şimşek C., Solak O., Gündüz O., Elçi A., Murathan A., Sözbilir H.
4. Ulusal Hidrojeolojide İzotop Teknikleri Sempozyumu, İstanbul, Turkey, 5 - 09 October 2015
- LIII. **Hydrogeochemical properties of water resources of Karaburun Peninsula Izmir Western Turkey**
Baba A., Şimşek C., Gündüz O., Elçi A., Solak O., Murathan A., Sözbilir H.
42.Uluslararası Hidrojeologlar Birliği Kongresi, Rome, Italy, 13 - 18 September 2015
- LIV. **The Investigation of Sea Water Intrusion of the Coastal Aquifers**
BABA A., ŞİMŞEK C., GÜNDÜZ O., ELÇİ A., Alim M., SÖZBİLİR H.
36.IAHR Dünya Kongresi, Lahey, Netherlands, 28 June - 03 July 2015
- LV. **Investigation of Sea Water Intrusion in Coastal Aquifers A Case Study from Karaburun Peninsula Turkey**
Baba A., Şimşek C., Gündüz O., Elçi A., Murathan A., Sözbilir H.
E-Proceedings of the 36th IAHR World Congress, The Hague, Netherlands, 28 - 30 June 2015, pp.1-5
- LVI. **Simulation of Groundwater Flow in the Gediz River Basin**
Elçi A., Şimşek C., Gündüz O., Baba A., Acınan S., Yıldız N., Murathan A.
9.EWRA Dünya Kongresi, İstanbul, Turkey, 10 - 13 June 2015
- LVII. **Hydrogeochemical Properties of Geothermal Fluid and Its Effect on the Environment in Gediz Graben Western Turkey**
Baba A., Şimşek C., Gündüz O., Elçi A., Murathan A.
2015 Dünya Jeotermal Kongresi, Melbourne, Australia, 19 - 25 April 2015
- LVIII. **Su kuyularında gözlenen kuyu başı ve lokasyon problemleri**
Şimşek C., Baba A., Gündüz O., Elçi A., Yilmazer N.
68. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 6 - 10 April 2015, pp.590-591
- LIX. **Karaburun Yarımadası Güneybatısındaki Su Kaynaklarının Hidrojeokimyasal Özellikleri**
Baba A., Şimşek C., Gündüz O., Elçi A., Murathan A., Sözbilir H.
68. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 6 - 10 April 2015
- LX. **Cooling Water Discharge Impacts to an Ephemeral Stream a Heat Transport Modeling Study**
Elçi A., Elçi Ş., Boyacıoğlu H.
11th International Conference on Hydroscience & Engineering, Hamburg, Germany, 28 September - 02 October 2014, pp.881-888
- LXI. **Gediz Havzasında Yeraltısuyu Üzerindeki Çevresel Baskı Unsurlarının Değerlendirilmesi**
Şimşek C., Baba A., Gündüz O., Elçi A., Murathan A., Yıldız N.
67. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 14 - 18 April 2014, pp.136-137
- LXII. **Trafik kaynaklı gaz kirleticilerin İzmir Karşıyaka tünellerinde ölçülmesi ve emisyon faktörlerinin oluşturulması**
Seyfioğlu R., Elçi A., Kara N., Demircioğlu H., Azbar Ş., Kınay H., Ertaş H., Aftafa C.
10. Ulusal Çevre Mühendisliği Kongresi, Ankara, Turkey, 12 - 14 September 2013, pp.1-10
- LXIII. **Multi-objective optimization using differential-evolution for the site selection of groundwater production wells**
Elçi A., Ayvaz M. T.
IAHR 5. International Groundwater Symposium: Groundwater Modeling and Management Under Uncertainty, Al-Kuwait, Kuwait, 19 - 21 November 2012, pp.1-5
- LXIV. **Solution of a pumping cost minimization problem for the Tahtalı watershed (Izmir-Turkey) using linked simulation-optimization models**
Ayvaz M. T., Elçi A.
Nordic Water 2012, XXVII Nordic Hydrological Conference, Oulu, Finland, 13 - 15 August 2012
- LXV. **The ANALYSIS of Death Causes DURING 2005-2010 PERIOD In FIVE Villages with High ARSENIC LEVELS In Drinking WATER Supplies, Simav PLAIN, Turkey**
Gündüz O., Bakar Ç., Şimşek C., Baba A., Elçi A.
13th World Congress on Public Health, Addis Ababa, Ethiopia, 23 - 27 April 2012, pp.1
- LXVI. **İçme Suyu Sağlayan Kuyular İnsan Sağlığı Açısından Emniyetli mi?**
Şimşek C., Baba A., Gündüz O., Elçi A., Yıldız N.

2. Tıbbi Jeoloji Çalıştayı, Antalya, Turkey, 4 - 06 April 2012, pp.1-2
- LXXVII. **İzmir metropol alanı için çoklu parametre tekniği kullanılarak CBS destekli katı atık depolama alanı yer seçimi**
Şimşek C., Elçi A., Gündüz O., Taşkın Şen N., Akdağ C. T., Elçi H.
65. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 2 - 06 April 2012
- LXXVIII. **İZMİR METROPOL ALANI İÇİNÇOKLU PARAMETRE TEKNİĞİ KULLANILARAK CBS DESTEKLİ KATI ATIK DEPOLAMA ALANI YER SEÇİMİ**
Şimşek C., Elçi A., Gündüz O., Taşkın Şen N., Akdağ C. T., Elçi H.
65.Türkiye Jeoloji Kurultayı, Ankara, Turkey, 2 - 06 April 2012
- LXXIX. **The use of cokriging algorithm for arsenic mapping in groundwater systems**
Gündüz O., Elçi A., Şimşek C., Baba A.
5th International Perspective on Water Resources & the Environment, Marrakush, Morocco, 10 - 15 January 2012, pp.1-11
- LXX. **Simultaneous estimation of groundwater recharge rates, associated zone structures, and hydraulic conductivity values using fuzzy c-means clustering and harmony search optimisation algorithm: a case study of the Tahtali watershed**
Ayvaz M. T., Elçi A.
ModelCARE 2011 Conference, Leipzig, Germany, 18 - 22 September 2011, vol.355, pp.3-5
- LXXI. **SİMAV OVASI YERALTISULARINDAKİ ARSENİK KİRLİLİĞİNİN ARAŞTIRILMASINDA KULLANILAN GÖZLEM KUYULARI VE İZLEME TEKNİKLERİ**
Gündüz O., Şimşek C., Baba A., Elçi A.
Sondaj Sempozyumu, Ankara, Turkey, 21 - 23 December 2011, pp.1-2
- LXXII. **Assessing the Impact of Climate Change on Groundwater Resources Using Groundwater Flow Models**
ELÇİ A.
NATO Advanced Research Workshop on Effect of Climate Change on Water Resources - Issues of National and Global Security, İzmir, Turkey, 1 - 04 September 2010, pp.63-75
- LXXIII. **Yeraltı Suyu Kalite Verisi ile Optimize Edilmiş Yeraltı Suyu Kirlenebilirlik Haritaların Oluşturulması**
Tahtalı Havzası Örneği
Elçi A.
TMMOB Coğrafi Bilgi Sistemleri Kongresi 2009, İzmir, Turkey, 2 - 06 November 2009, pp.39-47
- LXXIV. **İzmir çevresindeki antik mermer ocaklarına boşaltılan sıvı atıkların yeraltı suyu kalitesine etkisi**
Şimşek C., Yavuz A. B., Elçi H., Elçi A., Gündüz O.
62. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 13 - 17 April 2009
- LXXV. **İzmir Nif dağı çevresindeki yeraltı suyu nitrat kirliliği boyutunun mevsimsel değerlendirilmesi**
Polat R., Elçi A., Şimşek C., Gündüz O.
7.Ulusal Çevre Mühendisliği Kongresi, İzmir, Turkey, 24 - 27 October 2007, pp.482-489
- LXXVI. **Tahtalı havzası yeraltı suyu kalitesinin Coğrafi Bilgi Sistemi destekli değerlendirilmesi**
İleri B., Gündüz O., Elçi A., Şimşek C., Alpaslan M. N.
7.Ulusal Çevre Mühendisliği Kongresi, İzmir, Turkey, 24 - 27 October 2007, pp.880-888
- LXXVII. **Torbalı Ovası yüzeysel akiferindeki yeraltı suyu akımının matematiksel modelleme ile tespiti**
Elçi A., Şimşek C., Gündüz O.
5. Ulusal Hidroloji KONGresi, Ankara, Turkey, 5 - 07 July 2007, pp.12-18
- LXXVIII. **Düşey Hidrolik Yük Gradyanların Yeraltı Suyu Gözlem Kuyularında Ölçülen Su Seviyelerine Etkisi**
Elçi A.
60.Türkiye Jeoloji Kurultayı, Ankara, Turkey, 16 - 22 April 2007, pp.1-2
- LXXIX. **Doğal Sulak Alanlarda Yeraltı Suyu Akımı Ve Kirletici Taşınımının İrdelenmesi İzleyici Taşınımı Ve Sayısal Simülasyonu**
Elçi A., Molz F. J., Casey R. E.
6. Ulusal Çevre Mühendisliği Kongresi, İstanbul, Turkey, 24 - 26 November 2005, pp.41-49

Episodes in the Encyclopedia

- I. **TÜBA Mühendislik Terimleri Sözlüğü**
AZBAR N., FİLİBELİ A., İlgi K., BAYCAN PARILTI N., ELÇİ A., Ebru Ç. ç., ÖZMIHÇI S., Remzi S.
TÜBA, pp., 2019

Other Publications

- I. **A catalogue of European intermittent rivers and ephemeral streams**
Elçi A.
Other, pp.1-100, 2020
- II. **NEHİR HASSAS ALANLARINDA SU KALİTESİ DURUMU VE HEDEFLERİNİN BELİRLENMESİNE YÖNELİK MODELLEME – NİF ÇAYI ve MUDURNU ÇAYI**
Elçi A.
Other, pp.1-138, 2016
- III. **GEDİZ HAVZASI HİDROJEOLJİK ETÜT - ANA RAPOR**
Baba A., Elçi A., Şimşek C., Sözbilir H., Gündüz O.
Technical Report, pp.1-552, 2014
- IV. **AKSA ENERJİ ÜRETİM A.Ş. MANİSA DOĞALGAZ KOMBİNE ÇEVİRİM SANTRALİ SOĞUTMA SUYU DEŞARJI TERMAL ETKİLERİNİN SAYISAL MODELLEME İLE ARAŞTIRILMASI**
Elçi A., Elçi Ş., Boyacıoğlu H.
Other, pp.1-47, 2011

Expert Reports

- I. **2015/529 nolu dosya**
Onargan T., Gemici Ü., Elçi A.
1.İdare Mahkemesi, pp.23, İzmir, 2015
- II. **İzmir Efemçukuru Bilirkişi Raporu**
Elçi A., Akıncı G., Şimşek C.
İzmir 1.İdare Mahkemesi, pp.107, İzmir, 2015

Supported Projects

Somay Altaş A. M., Elçi A., Küçüksümbül A., H2020 Project, Management of industrial Treated wastewater ReUse as mitigation measures to water Scarcity in climaTe change context in two Mediterranean regions- TRUST, 2021 - 2024

Meissina C., Elçi A., Ören A. H., Teatini P., Tomas R., Shatanawi K., Guardiola-Albert C., Letterio T., Kreisha H., H2020 Project, SUSTAINABLE GROUNDWATER RESOURCES MANAGEMENT BY INTEGRATING EARTH OBSERVATION DERIVED MONITORING AND FLOW MODELING RESULTS, 2020 - 2024

Elçi A., TUBİTAK Project, ALICI ORTAM BAZLI DEŞARJ LİMİTİ BELİRLENMESİ - KÜÇÜK MENDERES HAVZASI ÖRNEĞİ, 2018 - 2022

ELÇİ A., Project Supported by Other Official Institutions, Burdur Havzası Nehir Havza Yönetim Planının Hazırlanması Projesi, 2018 - 2020

Elçi A., Datry T., TÜBİTAK - AB COST Project, Science and Management of Intermittent Rivers and Ephemeral Streams (SMIRES), 2016 - 2020

Harmancıoğlu H. N., Çetinkaya C. P., Gül A., Barbaros F., Günaçtı M. C., Elçi A., Osann Johum A., H2020 Project, Farming Tools for external nutrient Inputs and water MAnagement (FATIMA), 2015 - 2018

Baba A., Dondurur D., Sözbilir H., Şimşek C., Elçi A., Gündüz O., Murathan A., TUBİTAK Project, Karaburun

Yarımadasındaki Deniz Suyu Girişimi ve Denize Boşalmanın Hidrojeolojik Çalışmalar ve Matematiksel Modelleme ile Araştırılması, 2013 - 2018

Elçi A., Project Supported by Other Official Institutions, Nehir Hassas Alanlarında Su Kalitesi Durumu ve Hedeflerinin Belirlenmesine Yönelik Modelleme, 2015 - 2017

Filibeli A., Büyükkamacı N., Ayol A., Elçi A., Seyfioğlu R., Totur Pamık D., Tezer Ö., Project Supported by Other Official Institutions, Gediz Havzası Arıtma Çamuru Yönetim Planının Hazırlanması, 2016 - 2016

Güler E., Elçi A., Özuysal A., Aksoy C. O., Güven E. D., Akıncı G., Küçük K., Onargan T., Yılmaz Z., Şimşek C., et al., Project Supported by Other Official Institutions, Eti Maden İşletmeleri Emet Bor İşletme Müdürlüğü Açık İşletme ve Tesislerinde Kontrollü Drenaj Koşullarının Oluşturulması ve Su Yönetimine Dayalı Planlama, 2014 - 2016

Elçi A., Murathan A., Project Supported by Other Private Institutions, Gediz Havzası Hidrojeolojik Etüt Raporunun Hazırlanması, 2012 - 2014

Elçi A., Seyfioğlu R., TUBITAK Project, Trafik Kaynaklı Hava Kirliliğinin Belirlenmesi İçin Bir Tünel Çalışması, 2011 - 2013

Elçi A., Şimşek C., TUBITAK Project, Simav Ovası Kütahya Yeraltı Suyunda Arsenik Kirliliğinin Araştırılması ve İnsan Sağlığına Olan Risklerinin Değerlendirilmesi, 2009 - 2012

Elçi A., Elçi Ş., Boyacıoğlu H., Project Supported by Other Private Institutions, AKSA enerji üretim A Ş Manisa doğalgaz çevrim santrali soğutma suyu deşarjı termal modelleme, 2011 - 2011

Elçi A., Fıstıkoğlu O., TUBITAK Project, İklim Değişikliğinin Baraj Haznelerinin Arz Güvenilirliklerine Olan Etkilerinin Belirlenmesi, 2009 - 2011

Elçi A., FP7 Project, Transport and Attenuation of Non-Point Source Pollutants in Karstic Aquifers, 2006 - 2008

Elçi A., Alpaslan M. N., Project Supported by Other Official Institutions, Katı Atık Depolama Alanları Yer Seçimi için Coğrafi Bilgi Sistemleri Tabanlı Karar Destek Sistemi (KAKDES) Geliştirilmesi, 2006 - 2008

Şimşek C., Elçi A., Project Supported by Higher Education Institutions, Torbalı Ovası Serbest Akiferinin Akım ve Kirlenici Taşınım Karakteristiklerinin Nümerik Modelleme Yoluyla Tesbiti, 2005 - 2007

Elçi A., Şimşek C., TUBITAK Project, Nif Dağı karstik akiferinin hidrojeoloji ve çevre jeolojisi açısından incelenmesi, 2005 - 2007

Activities in Scientific Journals

Sustainable Water Resources Management, First Editor, 2024 - Continues

HYDROGEOLOGY JOURNAL, Committee Member, 2024 - Continues

Acque Sotteranee, Committee Member, 2012 - Continues

ADVANCES IN GEOSCIENCES, Special Issue Editor, 2024 - 2024

Water Utility Journal, Special Issue Editor, 2016 - 2016

WATER QUALITY EXPOSURE AND HEALTH, Committee Member, 2012 - 2012

Memberships / Tasks in Scientific Organizations

European Geosciences Union (EGU), Member, 2024 - Continues, Germany

International Association of Hydrogeologists (IAH), Member, 2023 - Continues, England

HİDRODER, Member, 2019 - Continues, Turkey

International Water Resources Association, Member, 2018 - Continues, France

INTERNATIONAL ASSOCIATION OF HYDROLOGICAL SCIENCES (IAHS), Member, 2010 - Continues, United Kingdom

Çevre Mühendisleri Odası, Member, 1993 - 2023, Turkey

International Association for Hydro-Environment Engineering and Research (IAHR), Member, 2017 - 2022, Spain

European Geophysical Union (EGU), Member, 2007 - 2007, Austria

Scientific Refereeing

TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, June 2024
ACQUE SOTTERRANEE-ITALIAN JOURNAL OF GROUNDWATER, Journal Indexed in ESCI, May 2024
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, Journal Indexed in SCI-E, May 2024
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, SCI Journal, April 2024
Sustainable Water Resources Management, Journal Indexed in ESCI, March 2024
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, March 2024
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, SCI Journal, February 2024
WATER (SWITZERLAND), SCI Journal, October 2023
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, October 2023
Freshwater Researches: Fundamentals, Trends and Perspectives, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, September 2023
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, September 2023
JOURNAL OF HYDROLOGY, SCI Journal, August 2023
JOURNAL OF HYDROLOGY, SCI Journal, August 2023
TUBITAK Project, TUBITAK Horizon Coordination Support Program, Dokuz Eylul University, Turkey, August 2023
JOURNAL OF HYDROLOGY, SCI Journal, July 2023
Project Supported by Higher Education Institutions, BAP Research Project, Hacettepe University, Turkey, July 2023
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, July 2023
JOURNAL OF HYDROLOGY, SCI Journal, June 2023
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, June 2023
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, June 2023
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, June 2023
AQUA-WATER INFRASTRUCTURE ECOSYSTEMS AND SOCIETY, Journal Indexed in SCI-E, May 2023
JOURNAL OF CONTAMINANT HYDROLOGY, Journal Indexed in SCI-E, May 2023
HYDROLOGY RESEARCH, Journal Indexed in SCI-E, May 2023
AQUA-WATER INFRASTRUCTURE ECOSYSTEMS AND SOCIETY, Journal Indexed in SCI-E, April 2023
Project Supported by Higher Education Institutions, BAP Research Project, Istanbul University, Turkey, December 2022
GROUNDWATER FOR SUSTAINABLE DEVELOPMENT, Journal Indexed in ESCI, November 2022
WATER (SWITZERLAND), Journal Indexed in SCI-E, October 2022
WATER (SWITZERLAND), Journal Indexed in SCI-E, October 2022
WATER PRACTICE AND TECHNOLOGY, Journal Indexed in ESCI, September 2022
HYDROLOGY AND EARTH SYSTEM SCIENCES, SCI Journal, July 2022
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, June 2022
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, June 2022
HYDROLOGY AND EARTH SYSTEM SCIENCES, SCI Journal, May 2022
APPLIED WATER SCIENCE, SCI Journal, May 2022
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, April 2022
WATER RESOURCES RESEARCH, SCI Journal, February 2022
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, February 2022
TUBITAK Project, 3501 - National Young Researcher Career Development Program, Dokuz Eylul University, Turkey, February 2022
TUBITAK Project, 2236 - Program for Supporting International Researchers, Dokuz Eylul University, Turkey, February 2022
ESA Living Planet Symposium, Conference Paper (Abstract), January 2022
FRONTIERS IN ENVIRONMENTAL SCIENCE, SCI Journal, January 2022
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, January 2022

Environmental Quality Management, Other Indexed Journal, December 2021
Acque Sotterranee, Journal Indexed in ESCI, September 2021
SUSTAINABILITY, Journal Indexed in SCI-E, August 2021
JOURNAL OF WATER AND CLIMATE CHANGE, SCI Journal, August 2021
Acque Sotterranee, Journal Indexed in ESCI, July 2021
Acque Sotterranee, Journal Indexed in ESCI, June 2021
WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, Journal Indexed in SCI-E, June 2021
Sigma Journal of Engineering and Natural Sciences, Journal Indexed in ESCI, May 2021
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, May 2021
Acque Sotterranee, Journal Indexed in ESCI, April 2021
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, April 2021
JOURNAL OF HYDROLOGY, SCI Journal, March 2021
JOURNAL OF HYDROLOGY, SCI Journal, January 2021
JOURNAL OF WATER SUPPLY RESEARCH AND TECHNOLOGY-AQUA, SCI Journal, December 2020
EXPOSURE AND HEALTH, SCI Journal, November 2020
Fırat Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, November 2020
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH, SCI Journal, September 2020
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, September 2020
TUBITAK Project, 2247 - A National Leading Researchers Program, Dokuz Eylul University, Turkey, September 2020
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH, SCI Journal, August 2020
TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Dokuz Eylul University, Turkey, August 2020
TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Dokuz Eylul University, Turkey, August 2020
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, August 2020
ECOLOGICAL ENGINEERING, SCI Journal, July 2020
Turkish Journal of Water Science and Management, National Scientific Refreed Journal, July 2020
Fırat Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, June 2020
WATER RESOURCES MANAGEMENT, SCI Journal, April 2020
SCIENTIFIC REPORTS, SCI Journal, April 2020
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, April 2020
Universities of Other Countries Supported Project, Aarhus Universitet (University of Aarhus), Denmark, April 2020
JOURNAL OF WATER AND CLIMATE CHANGE, SCI Journal, November 2019
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, November 2019
JOURNAL OF CONTAMINANT HYDROLOGY, SCI Journal, October 2019
GROUND WATER, SCI Journal, September 2019
TEKNİK DERGI/TECHNICAL JOURNAL OF TURKISH CHAMBER OF CIVIL ENGINEERS, Journal Indexed in SCI-E, September 2019
TEKNİK DERGI/TECHNICAL JOURNAL OF TURKISH CHAMBER OF CIVIL ENGINEERS, Journal Indexed in SCI-E, July 2019
JOURNAL OF CONTAMINANT HYDROLOGY, SCI Journal, May 2019
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, May 2019
TEKNİK DERGI/TECHNICAL JOURNAL OF TURKISH CHAMBER OF CIVIL ENGINEERS, Journal Indexed in SCI-E, April 2019
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, National Scientific Refreed Journal, March 2019
HYDROGEOLOGY JOURNAL, SCI Journal, March 2019
JOURNAL OF CONTAMINANT HYDROLOGY, SCI Journal, March 2019
ENVIRONMENTAL TECHNOLOGY, Journal Indexed in SCI-E, January 2019
JOURNAL OF HYDROLOGY, SCI Journal, January 2019
JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal, January 2019

ECOLOGICAL ENGINEERING THE JOURNAL OF ECOTECHNOLOGY, SCI Journal, January 2019
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Journal Indexed in SCI-E, January 2019
JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal, November 2018
WATER RESOURCES MANAGEMENT, SCI Journal, September 2018
WATER, SCI Journal, September 2018
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, SCI Journal, September 2018
ADVANCES IN ENGINEERING SOFTWARE, Journal Indexed in SCI-E, August 2018
JOURNAL OF HYDROLOGY, SCI Journal, August 2018
WATER (SWITZERLAND), Journal Indexed in SCI-E, August 2018
WATER (SWITZERLAND), Journal Indexed in SCI-E, August 2018
Hydrology, Journal Indexed in SCI-E, June 2018
WATER SUPPLY, Journal Indexed in SCI-E, May 2018
GROUND WATER, Journal Indexed in SCI-E, May 2018
HYDROLOGICAL PROCESSES AN INTERNATIONAL JOURNAL, SCI Journal, April 2018
ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, Journal Indexed in SCI-E, March 2018
HYDROLOGICAL SCIENCES JOURNAL, SCI Journal, February 2018
WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, February 2018
JOURNAL OF HYDROLOGY, SCI Journal, January 2018
JOURNAL OF HYDROLOGY, SCI Journal, January 2018
GROUNDWATER FOR SUSTAINABLE DEVELOPMENT, Journal Indexed in ESCI, January 2018
JOURNAL OF HYDROLOGY, SCI Journal, January 2018
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, January 2018
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Journal Indexed in SCI-E, December 2017
JOURNAL OF HYDROLOGY, SCI Journal, December 2017
WATER SUPPLY, Journal Indexed in SCI-E, December 2017
WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, December 2017
TUBITAK Project, 1011 - International Scientific Research Projects Participation Program (UBAP), Dokuz Eylül University, Turkey, December 2017
HYDROLOGICAL PROCESSES AN INTERNATIONAL JOURNAL, SCI Journal, November 2017
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Journal Indexed in SCI-E, November 2017
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, November 2017
JOURNAL OF HYDROLOGY, SCI Journal, October 2017
JOURNAL OF HYDROLOGY, SCI Journal, October 2017
TUBITAK Project, 1011 - International Scientific Research Projects Participation Program (UBAP), Dokuz Eylül University, Turkey, October 2017
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, September 2017
ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, Journal Indexed in SCI-E, September 2017
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Journal Indexed in SCI-E, September 2017
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, September 2017
WATER SUPPLY, Journal Indexed in SCI-E, September 2017
JOURNAL OF HYDROLOGY, SCI Journal, August 2017
WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, July 2017
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, June 2017
ENVIRONMENTAL PROCESSES, SCI Journal, June 2017
JOURNAL OF HYDROLOGY, SCI Journal, June 2017
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Journal Indexed in SCI-E, May 2017
JOURNAL OF HYDROLOGY, SCI Journal, April 2017
JOURNAL OF HYDROLOGY, SCI Journal, March 2017
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, March 2017
Geofisica International, Other Indexed Journal, February 2017

JOURNAL OF HYDROLOGY, SCI Journal, January 2017
TUBITAK Project, 2223 - Domestic Scientific Activities Support Program, Dokuz Eylul University, Turkey, December 2016
JOURNAL OF HYDROLOGY, Journal Indexed in SCI-E, November 2016
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Journal Indexed in SCI-E, November 2016
JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING, Journal Indexed in SCI-E, October 2016
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, September 2016
JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING, Journal Indexed in SCI-E, June 2016
EU Supported Other Project, ERA-NET COFUND WATERWORKS 2015, Belgium, June 2016
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, March 2016
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Dokuz Eylul University, Turkey, February 2016
JOURNAL OF HYDROLOGY, Journal Indexed in SCI-E, January 2016
ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, SCI Journal, December 2015
JOURNAL OF HYDROLOGY, SCI Journal, July 2015
JOURNAL OF HYDROLOGY, SCI Journal, June 2015
JOURNAL OF HYDROLOGY, SCI Journal, May 2015
CHEMICAL ENGINEERING SCIENCES, SCI Journal, March 2015
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, July 2014
JOURNAL OF ENVIRONMENTAL QUALITY, Journal Indexed in SCI-E, April 2014
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, February 2014
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Journal Indexed in SCI-E, December 2013
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, October 2012
JOURNAL OF HYDROLOGY, SCI Journal, June 2012
WATER SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, March 2012
Exposure and Health, Journal Indexed in SCI-E, January 2012
GROUND WATER MONITORING & REMEDIATION, Journal Indexed in SCI-E, March 2004

Tasks In Event Organizations

Copty N., Kazezyılmaz Alhan C. M., Boyraz U., Gülbaz S., Elçi A., Sustain Istanbul 2024: Towards Sustainable Groundwater Use under Changing Climate, Scientific Congress, İstanbul, Turkey, Ekim 2024
Elçi A., IAH World Groundwater Congress, Scientific Congress, Switzerland, Eylül 2024
Elçi A., Avrupa Yerbilimleri Birliği Genel Kurulu, Scientific Congress, Vienna, Austria, Nisan 2024
Elçi A., DSİ 2. Bölge Müdürlüğü Havza Kirliliği Konferansı, Workshop Organization, İzmir, Turkey, Mayıs 2023
Elçi A., IWA 4th Regional Conference on Diffuse Pollution & Eutrophication (DIPCON 2022), Scientific Congress, İstanbul, Turkey, Ekim 2022
Elçi A., Ören A. H., RESERVOIR Project Annual Consortium Meeting, Workshop Organization, İzmir, Turkey, Temmuz 2022
Elçi A., 14 INTERNATIONAL CONFERENCE ON HYDROSCIENCE AND ENGINEERING, Scientific Congress, İzmir, Turkey, Mayıs 2022
Elçi A., 2022 Living Planet Symposium, Scientific Congress, Bonn, Germany, Mayıs 2022
Elçi A., 14. Ulusal ve 2. Uluslararası Çevre Mühendisliği Kongresi, Scientific Congress, Turkey, Aralık 2021
Elçi A., 13. Ulusal ve 1. Uluslararası Çevre Mühendisliği Kongresi, Scientific Congress, Kocaeli, Turkey, Ekim 2019
Elçi A., 38th IAHR World Congress, Scientific Congress, Panama, Eylül 2019
Elçi A., GRECPIMA 2019 - International Groundwater Resilience to Climate Change and High Pressure Conference, Scientific Congress, Muğla, Turkey, Mayıs 2019
Elçi A., UKSAY International Symposium on Urban Water and Wastewater Management, Scientific Congress, Denizli, Turkey, Ekim 2018
Elçi A., HİDRO 2018 Ulusal Hidrojeoloji ve Su Kaynakları Sempozyumu, Scientific Congress, Ankara, Turkey, Eylül 2018
Elçi A., IV. Uluslararası Su Kongresi: Akıllı Şehirlerde Su Yönetimi, Scientific Congress, İzmir, Turkey, Kasım 2017

Elçi A., 12. Ulusal Çevre Mühendisliği Kongresi, Scientific Congress, Ankara, Turkey, Ekim 2017

Elçi A., IWA 2nd Regional Symposium on Water, Wastewater and Environment, Scientific Congress, İzmir, Turkey, Mart 2017

Elçi A., Çetinkaya C. P., Barbaros F., Gül A., 9th WORLD CONGRESS OF EWRA "Water Resources Management in a Changing World: Challenges and Opportunities", Scientific Congress, İstanbul, Turkey, Haziran 2015

Metrics

Publication: 128

Citation (WoS): 414

Citation (Scopus): 322

H-Index (WoS): 14

H-Index (Scopus): 12

Congress and Symposium Activities

10. Uluslararası Çevresel Hidrolik Sempozyumu, Attendee, Aberdeen, England, 2024

WORKSHOP Sustainable groundwater RESources managEmEnt by integrating eaRth observation deriVed monitoring and flOw modelIng Results (RESERVOIR), Invited Speaker, Ferrara, Italy, 2024

WORKSHOP Sustainable groundwater RESources managEmEnt by integrating eaRth observation deriVed monitoring and flOw modelIng Results (RESERVOIR), Invited Speaker, Ferrara, Italy, 2024

European Geophysical Union General Assembly 2024, Session Moderator, Vienna, Austria, 2024

European Geophysical Union General Assembly 2024, Attendee, Vienna, Austria, 2024

2nd International Conference Water Resources Management & Sustainability: Solutions for Arid Regions, Attendee, Dubai, United Arab Emirates, 2024

5. Hidroloji için Uzay Çalıştayı (Hydrospace 2023) , Attendee, Lisbon, Portugal, 2023

IAH 50th Worldwide Groundwater Congress, Attendee, Cape-Town, South Africa, 2023

2023 SWAT Conference, Attendee, Aarhus, Denmark, 2023

Uluslararası Gediz ve Ege Nehir Havzaları Sempozyumu (GEDIZSEM2022), Attendee, İzmir, Turkey, 2022

DIPCON 2022 4th Regional Conference on Diffuse Pollution & Eutrophication, Session Moderator, İstanbul, Turkey, 2022

Integrated Groundwater Management of Mediterranean Coastal Aquifers, Attendee, Hania, Greece, 2022

38th IAHR World Congress, Session Moderator, Panama, Panama, 2019

HİDRO'2018-ULUSAL HİDROJEOLJİ VE SU KAYNAKLARI SEMPOZYUMU, Session Moderator, Ankara, Turkey, 2018

13th International Hydroinformatics Conference HIC 2018, Attendee, Palermo, Italy, 2018

12. Ulusal Çevre Mühendisliği Kongresi, Attendee, Ankara, Turkey, 2017

2.IWA Bölgesel Su, Atıksu ve Çevre Sempozyumu, Session Moderator, İzmir, Turkey, 2017

IAHR International Groundwater Symposium 2012, Attendee, Al-Kuwayt, Kuwait, 2012

6. Hidroloji kongresi, Attendee, Denizli, Turkey, 2010

T.C. Çevre ve Orman Bakanlığı, Eğiticilerin Eğitimi Projesi Kapsamında Başlangıç Toplantısı, Attendee, Ankara, Turkey, 2010

IWA Dipcon2009, 13th Specialized Conference on Diffused Pollution and Integrated Watershed Management, Session Moderator, Seoul, South Korea, 2009

5. Dünya Su Forumu, Audience, İstanbul, Turkey, 2009

Scholarships

Visiting scholar program, Fulbright Program, 2020 - 2020

YÖK yurtdışı misafir öğretim üyesi bursu, YOK, 2012 - 2012

YÖK yurtdışı doktora bursu, YÖK, 1997 - 2002

Awards

Elçi A., Publons Peer Review Award 2018 - Top 1% of reviewers in Environment and Ecology, Publons.Com, September 2018

Elçi A., AB Ufuk 2020 Eşik Üstü Ödülü, Tübitak Uidb, July 2016

Elçi A., AB Ufuk 2020 Eşik Üstü Ödülü, Tübitak Uidb, July 2015

Elçi A., South Carolina Environmental Scholar Award, Clemson University, January 2002

Elçi A., Outstanding Student Paper Award, American Geophysical Union (Agu), December 2000