

Curriculum Vitae

Levent Tezcan, Ph.D, Asist. Prof.

Education

Ph.D., Hydrogeological Engineering, Hacettepe University, 1993

M.Sc., Hydrogeological Engineering, Hacettepe University, 1989

B.Sc., Hydrogeological Engineering, Hacettepe University, 1986

Professional Experience

1/94 – Present: **Asist. Prof** – Hacettepe University, Hydrogeological Eng., Turkey

1/1987 – 1/94 **Research Assistant** – Hacettepe University, Hydrogeological Eng., Turkey

Professional Registration

Geological Engineer, Chamber of Geological Engineers, 1987

Fields of Expertise

Dr. Levent Tezcan serves as faculty staff member at Hydrogeological Engineering department of Hacettepe University, Ankara, Turkey, and vice director of the International Research and Application Center for Karst Water Resources (UKAM) . He teaches on hydrologic and hydrogeological modeling, transport processes, isotope hydrology, aquifer test, groundwater engineering, water resources planning and management, GIS & remote sensing applications in hydrology, statistics and geostatistics at graduate and undergraduate levels. Additionally, he carries out research and application projects on water resources planning and management, groundwater engineering, karst water resources, isotope hydrology, nuclear plant site evaluation, environmental problems, and modeling the dynamics of the water resources under long term exploitation and climate change. He serves as consultant to state water authorization and environmental ministry of Turkey in water management, monitoring and evaluation topics.

Dr. Tezcan has more than 30 years of professional and academic experience in:

- Water Resources and Environmental Planning & Engineering
- Strategic Planning, Feasibility Studies
- Groundwater Modeling
- Hydrologic Modeling
- Isotope Hydrology
- Mine Hydrogeology

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- Aquifer Tests
- Karst Water Resources
- Geothermal Water Resources and Reservoir Modeling
- Litigation Support

Representative Experience

As the representative of the International Research and Application Center of Karst Water Resources, he carried several international collaborations focused on karst water resources, isotope hydrology and groundwater modeling.

He served as Member of the Executive Committee and Scientific Committee of Chambers of Geological Engineering (2003-2004), and Vice Director of the Geological Engineering Department of Hacettepe University (2006-2009).

He was the Head of the Executive Committee of the Turkish Hydrogeological Engineers Association (2002-2010).

He has been the member of the Executive Committee of the IAH International Association of Hydrogeologists National Chapter IAH (2019-).

Academic Experience

- Hacettepe University – Hydrogeological Engineering Program, Ankara 1994-Present
 - Hydrology
 - Hydrogeologic Modeling
 - Transport Processes
 - Statistical Hydrology
 - Advanced Hydrologic Modeling
 - Introduction to the GIS
 - GIS & Remote Sensing Applications in Hydrology
 - Aquifer Tests
 - Salt Water Intrusion
 - Groundwater Engineering
 - Water Resources Planning and Management
- IAEA – Vienna, Isotope Hydrology Section (1991)
- Visiting Scientist, Karlsruhe University, Applied Geology and Groundwater Dept, (1993)
- Japan Research Institute for Humanity and Nature, Kyoto (2006)

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- Lead Scientific Coordinator of the Training Activities of IAEA – European Region on Isotope Methods for Management of Drinking Water Resources (2006 – 2008)
 - Instructor and Organizer
 - Regional Training Course on Basic Isotope Hydrology, 5-14 November, 2007, Budva Montenegro
 - Regional Training Course on Modeling the Isotope Transport in Hydrogeological Systems, 20-31 October, 2008, Budapest Hungary
 - Regional Training Course on Isotope Hydrology and GIS Applications, November-December, 2012, Rabat, Morocco
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Research Expertise

- Mathematical Modeling of Environmental Isotopes
- Groundwater Flow and Transport Modeling
- Contaminant Transport in Unsaturated Zone
- Mathematical Modeling of the Environmental Impacts of the Nuclear & Thermal Power Plants, and Gold Mining Activities
- Impact of Climate Change on Water Resources and Food Security
- Geothermal Reservoir Evaluation and Modeling
- Radon Transport in Groundwater due to seismic activities
- Karst Hydrology and Water Management
- Geostatistics and Stochastic Evaluation of the Heterogeneity

Professional Affiliation

- Chamber of the Geological Engineers, Turkey
- Turkish Association of the Hydrogeological Engineers
- American Geophysical Union
- IAHS

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Technical Expertise

Dr. Tezcan has experience in planning, development and management of research and application projects on hydrogeological problems, and modeling studies. He led various national and international projects and took part as researcher and/or engineer in other projects carried out in the department. He serves as consultant to state organizations and private sector in the fields of water resources, geothermal resources, GIS and modeling studies. He has in-depth knowledge on groundwater hydraulics and transport processes, saturated-unsaturated groundwater flow and transport models, reservoir modeling and statistical and numerical analysis techniques. He has advanced skills on the utilization of the numerical and graphical computer software and computer programming.

He managed many water resources development projects in many parts of the Turkey. He also developed several international research projects to enhance the new techniques where the background information is limited. The AVICENNE Initiative (1995) project is such an example for the applying new techniques for the management of karst water resources. The CFC and noble gases have been first used in Turkey to identify and separate various flow component in a large scale karstic system (average discharge is over 80 m³/sec). The project was supported by EU and carried out by the collaboration of the HU-UKAM, Karlsruhe University, and Hebrew University. He uses environmental and artificial tracers frequently in characterizing and conceptualization of hydrogeologic systems.

He developed a comprehensive groundwater model based on the mixing cell transport in 1996 under an IAEA Research Program by using several tracers, including environmental isotopes and conservative chemicals to simulate the flow and transport processes in karst terrains, where hydrologic, hydraulic, structural, and morphological components of the karst systems are taken in to account in the model setting.

He has, later integrated the mixing cell approach to the groundwater flow modeling program to MODFLOW (1999) as an alternative and numerical dispersion and oscillation free transport simulation in porous medium. His mixing cell approach is published in several languages in an UNESCO – IAEA guide as one of the modeling approaches to evaluate the environmental isotope distribution in groundwater systems.

He took part in another EU-FP6 funded international project on the development and demonstration of the methods and devices to localize and development of the submarine springs.

He developed tools for the estimation of the spatial variability of the groundwater recharge by using environmental isotopes and GIS techniques.

His modeling experience covers a large spectrum, and not only concentrated on saturated groundwater flow. He has managed and performed modeling studies on groundwater flow and transport, unsaturated flow and transport, coupled surface and groundwater flow, river water quality, hydrochemical evolution, and geothermal reservoir evaluation. Being familiar with many modeling programs, not only with USGS-MODFLOW, transport add-ins (MOC3D, MT3D, SEAWAT, PHAST) and its GUI's (Argus-ONE, GMS, Groundwater Vistas, and Visual Modflow), but also HYDRUS-3D (finite element numerical program for

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simulating water, heat, and solute movement in two- and three-dimensional variably saturated media, Pc-Progress), TOUGH2 (finite difference numerical simulation program for multi-phase fluid and heat flow in porous and fractured media), SUTRA (finite element model for 2D or 3D saturated-unsaturated, variable-density ground-water flow with solute or energy transport), HST3D (finite difference code for simulation of heat and solute transport in three-dimensional ground-water flow systems), HYDROTHERM (multi-phase ground-water flow and associated thermal energy transport in three dimensions), MIKE-SHE (integrated catchment model for groundwater and surface water dynamics, DHI), FEFLOW (DHI), WASP (Water Quality Analysis Simulation Program, US EPA), PHREEQEC (for geochemical calculations). Additionally, he has developed his own codes for simulating karst groundwater flow, and estimation of isotope ages. In addition to field data, he uses remotely produced/derived data, climate model outputs and geostatistical and monte-carlo simulation results with hydrogeological models to simulate various impacts on water resources.

He conducted and supervised many hydraulic and tracer tests and their combinations in porous, fractured and karstic environments. He has advanced knowledge and experience on parameter estimation by analytical and numerical techniques in these environments.

He carried out several application projects for the sustainable development and water management by using groundwater modeling techniques. Below a list of the projects carried out as a Chief Researcher / Engineer by Levent Tezcan is given.

Selected Projects

Liwa Abu Dhabi Strategic Water Reserve and Storage Project: Hydrogeological Study and Groundwater Modeling Simulation with ELARD –UAE (2011-2020). Snr. Hydrogeologist & Groundwater Modeler

Mine Hydrogeology and Dewatering Project of Lapseki Gold Mine, NW Turkey, 2019

Mine Hydrogeology and Groundwater Modeling at Ivrandi Gold Mine, Western Turkey, 2019

Assessment of Oil Pollution and Remediation Activities at Erzurum Wetland, East Turkey 2019

Hydrogeology and Numerical Simulation of Dewatering Plans of Elbistan Coal Field, SE Turkey, 2015-2017

Integrated Hydrological Modeling of Golpazari Plain, Bilecik –Western Turkey, 2017

Site Parameterization, Hydrogeological Investigation and Numerical Flow and Transport Modeling of Akkuyu Nuclear Power Plant Site, Southern Turkey 2015-2017

Hydrogeological Investigation and Numerical Flow and Transport Modeling of Sinop Nuclear Power Plant (Northern Turkey) for Site Selection Process, 2014-2016

3D Mixing Cell Transport Model Integrated to MODFLOW, IAEA Project, 1999-2000

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Comparative Morpho-Hydrological Investigation of Selected Karst Regions of Turkey and Slovenia, TÜBİTAK ÇAYDAG 104Y051

Conceptual model development and simulation tests of the Gümüşköy Geothermal System, SW Turkey, 2010, BM

Determination of the water budget of Beypazarı basin by MIKE-SHE hydrological model, Central Turkey

Estimation of the heterogeneity of the hydraulic properties by indicator geostatistics and inverse modeling techniques in Afyon Plain, Central Turkey, State Hydraulic Works

Groundwater Flow and Transport Modeling of the Milas Plain Aquifer, SW Turkey, State Hydraulic Works

Groundwater flow model of the Alpu Plain – Eskişehir, Central Turkey, State Hydraulic Works

Groundwater flow model of the Ezine aquifer, Northern Turkey, State Hydraulic Works

Groundwater flow model of the Gümüşhacıköy – Amasya aquifer, Northern Turkey, State Hydraulic Works

Groundwater flow modeling of Sadgeri region, Georgia

Groundwater pollution model of the hydraulic system between Eymir and Mogan lakes, Central Turkey

Hydrochemical Evolution of the karstic travertine deposits in Lower Zamanti Basin (Aladağlar, Turkey), 1995, National Science Council of Turkey

Hydrogeological Appraisal of the Çöpler-Erzincan Mining Site – East Turkey, Anatolian Mining Company

Hydrogeological investigation of Çavdarhisar plane and Esatlar spring (Kütahya), State Hydraulic Works

Hydrogeological Model of the Kutahya- Gediz Geothermal System, Western Turkey, TUBITAK

Hydrogeological Modeling of the Afyon Ömer-Gecek Thermal Aquifer, Central Turkey – State Hydraulic Works

Hydrogeological modeling of the arsenic pollution in of Shyamnagar, Satkhira District, Bangladesh, IAEA

Impact of Climate Changes on Agricultural Production System in the Arid Areas, RIHN (Japan)

Isotope Hydrology Techniques in Water Resources Management, International Atomic Energy Agency IAEA RAW/8/002, 1995-1998

Isotope Methods for Management of Drinking Water Resources in Water Scarcity Areas, PROJECT RER 8012, IAEA

Management of Karst Water Resources, 1995, EU, AVICIENNE INITIATIVE

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Mathematical modeling of the groundwater flow and transport under saturated and saturated conditions in Efemçukuru gold mine site, Western Turkey

Mathematical Models and Their Applications to Isotope Studies in Groundwater Hydrology, International Atomic Energy Agency, IAEA 1996-1998

MEDITATE, MEditerranean Development of Innovative Technologies for integrAted waTer managemEnt, European Commission, EU - 6th Framework Programme for Research Technological Development and Demonstration, Specific Targeted Research or Innovation Project, FP6-2002-INCO-MPC-1

Modeling the Dynamics of the Long-Term Isotopic and Hydrochemical Changes in Central Anatolia (Turkey), IAEA, 10804/RO,

Optimal groundwater management in Afyon aquifer – State Hydraulic Works

Present State and Future Trends of Karst Groundwater Pollution in Antalya Travertine Plateau - Turkey, 1995, EC-COST 65 Action.

The environmental impacts of the ash deposits of the Gökova – Kemerköy Thermal Power Plant (1994), Electrical Administration of Turkey

The evaluation and remediation of the Surface Waters in Antalya Basin (1992-1993), Ministry of Environment.

The evaluation of the deposition and transport of sediments in Uluabat Lake and Mustafakemalpaşa river system, Ministry of Environment

The groundwater management model in Akarçay Basin, 1998 – 2002, State Hydraulic Works of Turkey

The hydrogeological setting and impact assessment of the Sinop Nuclear Power Plant and Vicinity, Turkish Atomic Energy Agency

The investigation and protection of the volcanic aquifers for the drinking water sources of the Kayseri City, Central Turkey, 2011, Municipality of the Kayseri

The sustainable development of the Gürpınar karst springs, drinking water source of the Van City, Eastern Turkey, 106Y040

Use of isotopes in the study of flow and transport in groundwater systems, International Atomic Energy Agency, RP8082

Water quality model of the Ergene River – Ministry of Environment

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Publications

Arıkan, A., Tezcan, L., 1989, Edremit ovasında akifer parametrelerinin alansal dağılımının jeoistatistiksel yöntemlerle belirlenmesi, Mühendislik Jeolojisi Bülteni, Sayı 11, İstanbul (in Turkish).

Arıkan. A., Tezcan, L., 1989, Edremit ovasında özgül debiye bağlı olarak elde edilen transmissivite değerlerinin alansal dağılımı, Yerbilimleri, Sayı 15, Ankara (in Turkish).

Artuner, H., Savcı, F., Tezcan, L., 1992, A comparison of clustering of karst groundwaters using multivariate analysis and neural networks, The Seventh International Symposium on Computer and Information Sciences, ISCS VII, 2-4 November 1992, Antalya, Turkey.

Aydın, H., Ekmekçi, M., Tezcan, L., Aksoy, N., Dişli, E., 2015, Van Gölü Havzası Yerel Meteorik Su Doğrusunun Belirlenmesi, 4. Ulusal Hidrolojide İzotop Teknikleri Sempozyumu, 5-9 Ekim 2015, İstanbul

Aydın, H., Ekmekçi, M., Tezcan, L., Aksoy, N., Dişli, E., 2016, Characterization of a High Altitude Karst Aquifer in Eastern Turkey, 43rd IAH Congress, 25-29 September 2016, Montpellier, France

Bashar, K., Sarker, M.R., Ahmed, N., Tezcan, L., 2009, Hydrochemistry and Groundwater Quality of Shyamnagar, Satkhira District, Bangladesh, AASA Workshop on Environment and Resources, October 2009, İzmir

Bayarı, C.S., Çakır, B., Tezcan, L., Kloroflorokarbonlar (CFC) ile yeraltısuyunun yaşının belirlenmesi, Yerbilimleri dergisi, 20 (1998), 123-137.

Bayarı, C.S., Tezcan, L., Kurttaş, T., Density Driven Mixing Dynamics of Lake Köyceğiz, SW Turkey, American Geophysical Union 1998 Spring Meeting, May 26-29 1998, Boston, USA

Değirmenci, M., Yazıcı, M., Tezcan, L., Ekmekçi, M., Sözüdoğru, O., Namkhai, O., Atmaca, E., 2015, Hydrogeological properties of the drinking water aquifers in Kayseri City, UHMFD, International Refereed Journal of Engineering and Sciences, No:4, pp.48-64, Doi: 10.17364/IIB.2015412622.

Dişli, E., Tezcan, L., 2010, Three-Dimensional Subsurface Contaminant Transport of Heavy Metals in The Hydrogeological System Between Lake Mogan and Lake Eymir, 7th International Symposium On Eastern Mediterranean Geology, University of Çukurova, October 18 – October 22, 2010, Adana

Dişli, E., Tezcan, L., 2010, Three-Dimensional Subsurface Contaminant Transport of Heavy Metals in The Hydrogeological System Between Lake Mogan And Lake Eymir, 7th International Symposium On Eastern Mediterranean Geology, University of Çukurova, October 18 – October 22, 2010, Adana

Ekmekçi, M., Tezcan, L., Atilla, Ö., Soylu, M. E., Gürkan, D., Namkhai, O., Yalçinkaya, O., Akyatan, A., Donma, S., Yılmaz, D., Pelen, N., Topaloğlu, F., İrvem, A , 2007, Impacts of the Climate Change on Water Resources in Seyhan River Basin, ICCAP (Impact of Climate Changes on Agricultural Production System in the Arid Areas) Kyoto Workshop, 2007, Japan,

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Ekmekçi, M., Tezcan, L., Atilla, Ö., Soylu, M. E., Gürkan, D., Namkhai, O., Yalçinkaya, O., Akyatan, A., Donma, S., Yilmazer, D., Pelen, N., Topaloğlu, F., İrvem, A , 2007, Impacts of the Climate

Ekmekçi, M., Tezcan L., 2010. Management of Karst Aquifers under Climate Change: Implications for Sustainable Use. In Climate Change and Its Effects on Water Resources-Issues of National and Global Security. (eds. A. Baba, K. Howard and O. Gunduz). NATO Science Series IV Earth and Environmental Sciences. Springer, Netherlands (Baskıda)

Ekmekçi, M., Tezcan L., 2010. Management of Karst Aquifers under Climate Change: Implications for Sustainable Use. In Climate Change and Its Effects on Water Resources-Issues of National and Global Security. (eds. A. Baba, K. Howard and O. Gunduz). NATO Science Series IV Earth and Environmental Sciences. Springer, Netherlands (Baskıda)

Ekmekçi, M., Tezcan, L., Açıkel, Ş., 2006, Hydrochemical and Isotopic Appraisal of The Groundwater Dependent Ecosystem In Gokova Coastal Wetland, SW Turkey, 1st RCM on Isotopic Techniques For Assessment of Hydrological Processes in Wetlands, IAEA-Vienna

Ekmekçi, M., Tezcan, L. 2005, Assessment of Vulnerability of Water Resources to Climate Change: Ecohydrological Implications Groundwater and Ecosystems” NATO Advanced Workshop 5-7 Sept.2005 Çanakkale-Turkey

Ekmekçi, M., Tezcan, L., (2010), Sinop Nükleer Santral Sahası Hidrojeoloji Araştırmaları, TAEK

Ekmekçi, M., Tezcan, L., Dorfliger, N., Bakalowicz, M., Kurttaş, T., Jouvencel, B., Atilla- Tezcan,O., Yüzereroğlu, S., 2009, Brackish Coastal and Submarine Springs: Alternative Water Resources for Water Scarcity in Gökova Area, Turkey, Proc. of. Workshop on Environment and Resources, Association of Academies of Sciences in Asia, 25-27 September 2009, İzmir Turkey.

Ekmekçi, M., Tezcan L., Dorfliger, N., Bakalowicz M., Kurttaş, T., Jouvencel, B., Atilla- Tezcan,O., Yüzereroğlu, S., 2009, Brackish Coastal and Submarine Springs: Alternative Water Resources for Water Scarcity in Gökova Area, Turkey, Proc. of. Workshop on Environment and Resources, Association of Academies of Sciences in Asia, 25-27 September 2009, İzmir Turkey.

Ekmekçi, M., Tezcan, L., Kurttaş, T., Atilla Tezcan, A.Ö, 2010, Mustafa Kemal Paşa Çayı Havzasında Arazi Kullanımı Ve Taşkın Kontrol Çalışmalarının Uluabat Gölü'nün Ekohidrolojisine Olan Etkileri, 4. Ulusal Limnoloji Sempozyumu, 04-06 Ağustos 2010 Bolu

Fujinawa, K., Arima, T., Tezcan, L., Yalçinkaya, O., 2006, Assessment of Subsurface Water Environment, Impacts of Climate Change on Groundwater Systems in the Lower Seyhan Basin, The Advance Report of ICCAP (Impact of Climate Changes on Agricultural Production System in the Arid Areas) May 2006, RIHN, Japan.

Gül, Y., Görgülü, K., Tezcan, L., Durutürk, Y.S., Demirci, A., Şengün, B., Kalaycıoğlu, N.E. (2017b). Afşin-Elbistan Kömür Havzası E-Sektörü Akifer Katmanlarının Hidrojeolojik Parametrelerinin Belirlenmesi. Cumhuriyet Üniversitesi, Cumhuriyet Teknokent Teknoloji Transfer ofisi, Sivas, 186 s.

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Gül, Y., Görgülü, K., Tezcan, L., Durutürk, Y.S., Demirci, A., Şengün, B. (2018). Afşin-Elbistan Kömür Havzası E-Sektörü Susuzlaştırma Planı. Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, Sivas.

Günay, G., Ekmekçi, M., Tezcan, L., 1994, Hydrogeochemical and Isotopic Evaluation of the Hydrogeologic System at Ceyhan - Berke Damsite, Turkey, The First International Symposium on Application of Tracers in Arid Zone Hydrology, Vienna-Austria 22-26 August.

Günay, G., Tezcan, L., Ekmekçi, M., and Atilla, A. Ö., 1996, Karst Groundwater Contamination Due To Ever-Extending Urbanization In Antalya Travertine Plateau, Southern Turkey: United Nations Conference on Human Settlements (HABITAT II), 3-14 June, 1996, İstanbul

Günay, G., Tezcan, L., Ekmekçi, M., Atilla, A. Ö., 1995, "Present State and Future Trends of Karst Groundwater Pollution in Antalya Travertine Plateau - Turkey", in "Hydrogeological Aspects of Ground water Protection in Karstic Areas", EC-COST 65 Action, Brussels.

Kurttaş, T., Bayarı, S., Tezcan, L., Determination of seawater intrusion rate and possible aquifer rocks by means of hydrochemical and isotopic techniques, Gökova karstic springs, Turkey, Isotope Techniques in Water Resources Development and Management, Vienna, 10-14 May, 1999.

Nativ, R., Günay, G., Hoetzel, H., Reichert, B., Solomon, K., TEZCAN, L., Separation of Groundwater Flow Components in a Karstified Aquifer using Environmental Tracers, Applied Geochemistry, 14 (1999), 1001-1014

Tezcan, L. (2016) Akkuyu Nükleer Santral Sahası Hidrojeoloji ve Karst Hidrojeolojisi Parametre Raporu – Akkuyu NGS

Tezcan, L. 2008, Yeraltısuyu yaşının matematiksel modeller ile belirlenmesi, III. Ulusal Hidrolojide İzotop Teknikleri Sempozyumu, 13-17 Ekim, 2008, İstanbul

Tezcan, L., Atilla, Ö., Ekmekçi, M., Soylu, M. E., Gürkan, D., Namkhai, O., Yalçinkaya, O., Akyatan, A., Donma, S., Yilmazer, D., Pelen, N., Topaloğlu, F., İrvem, A, Current State of the Hydrologic – Hydrogeological Modeling studies in ICCAP Project (Impact of Climate Changes on Agricultural Production System in the Arid Areas), Kyoto Workshop, February 17-18, 2005, Japan.

Tezcan, L., Atilla, Ö., Ekmekçi, M., Soylu, M. E., Gürkan, D., Namkhai, O., Yalçinkaya, O., Akyatan, A., Donma, S., Yilmazer, D., Pelen, N., Topaloğlu, F., İrvem, A, 2006, Water Availability in Subcutaneous Zone as a Boundary Layer Controlling the Climate-Soil-Vegetation and Groundwater Dynamics: Preliminary Results from Modeling Water Resources in the Seyhan River Basin, Turkey, The Advance Report of ICCAP (Impact of Climate Changes on Agricultural Production System in the Arid Areas) May 2006, RIHN, Japan.

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Tezcan, L., 1998, Distributed Modeling of Flow and Transport Dynamics in Large Scale Karst Aquifer Systems by Environmental Isotopes, IAEA CRP on the Use of Isotopes for Analyses of Flow and Transport Dynamics in Groundwater Systems (1995-1998), TecDoc, Vienna

Tezcan, L., 1999, Mixing Cell Model for the Simulation of the Environmental Isotope Transport, Chapter 6 of the Practical Guide to Groundwater Modeling, UNESCO-IAEA Publ.

Tezcan, L., 2007, Management of Drinking Water Resources in Turkey, IAEA Regional Meeting on Drinking Water Resources on Water Scarcity Areas, June 2007, Vienna.

Tezcan, L., 2008, Investigations of the Transboundary groundwater resources in Europe by isotope hydrology and modeling techniques, IAEA Regional Meeting on Drinking Water Resources on Water Scarcity Areas, November 2008, Vienna.

Tezcan, L., 2008, İzotop verilerinin model kalibrasyonunda katkısı, III. Ulusal Hidrolojide İzotop Teknikleri Sempozyumu, 13-17 Ekim, 2008, İstanbul

Tezcan, L., 2009, Spatial Variability of the Groundwater Recharge Estimated by Environmental Isotopes and Geographical Information Systems, CRP on Use of Environmental Isotope Tracer Techniques To Improve Basin-Scale Recharge Estimation, IAEA Meeting, October, 2009, Vienna, Austria

Tezcan, L., Arıkan, A., "Modelling of groundwater flow in karstic areas by using environmental isotopes", The First International Symposium on Application of Tracers in Arid Zone Hydrology, Vienna-Austria 22-26 August (1994).

Tezcan, L., Arıkan, A., 1990, Determination of Spatial distribution of precipitation over the Western Taurids karst area, International Symposium and Field Seminar on Hydrogeologic Processes in Karst Terranes, Antalya-Turkey, 7-16 Oct. 1990.

Tezcan, L., Arıkan, A., 1993, Using neural networks and multivariate analysis in interpretation of hydrochemical data, International Congress on Computational Methods in Engineering, Shiraz, Iran.

Tezcan, L., Ekmekçi, M., 2007, The Gökova Bay: Hydrogeological Characterization, Conceptual Model and Modeling, Workshop and Final Meeting of the European Project Mediterranean Development of Innovative Technologies for Integrated Water Management, 27-30 October 2007, Gökova-Muğla

Tezcan, L., Ekmekçi, M., 2008, Karst Hidrolojisi, DSİ-Karst Hidrojeoloji Konferansı, 22-23 Mayıs 2008, DSİ 13. Bölge Müdürlüğü, Antalya.

Tezcan, L., Günay, G., Hötzl, H., Reichert, B., Solomon, K., 1997, *Hydrogeology of the Kırkgözler Springs, Antalya, Turkey*, International Conference on Water Problems in the Mediterranean Countries, 17-21 November 1997, Near East Technical University, Nicosia, North Cyprus.

Tezcan, L., Hidrojeolojik Sistemlerde Sismik Kökenli Değişimler ve Deprem Öngörülerinde Kullanılabilirliği,

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Eskişehir Fay Zonu Ve İlişkili Sistemlerin Depremselliği Çalıştayı, “Aktif Tektonik, Yerleşime Uygunluk ve Afet Yönetimi Açılarında Durum Saptaması”, 28-30 Nisan 2005, Osmangazi Üniversitesi, Eskişehir

Tezcan, L., Mathematical Modeling of Large Scale Karstic Springs by Using Environmental Isotopes, IAEA-USGS Meeting on the Use of Isotopes for Flow and Transport Dynamics in Groundwater Systems, USGS Reston VA, USA, 18-22 May 1998

Tezcan, L., Meriç, T., Advective isotope transport by mixing cell and particle tracking algorithms, Isotope Techniques in Water Resources Development and Management, Vienna, 10-14 May, 1999.

Tezcan, L., Sismik Aktivitelere Bağlı Hidrojeokimyasal Değişimler ve Deprem Öngörüsü, Eskişehir Fay Zonu Ve İlişkili Sistemlerin Depremselliği Çalıştayı, “Aktif Tektonik, Yerleşime Uygunluk ve Afet Yönetimi Açılarında Durum Saptaması”, 28-30 Nisan 2005, Osmangazi Üniversitesi, Eskişehir

Tezcan, L., The groundwater Flow and Transport Processes in Beydaglari (Western Taurids) Karst Aquifer System (Southern Turkey), American Geophysical Union 1998 Spring Meeting, May 26-29 1998, Boston, USA