

Dr. Erhan DEMİR
(CV)



○ **Contact Informations**

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A senior engineer with more than 18 years of experience in water resources planning, drinking and utility water, hydroelectric energy issues in both public & private sectors.

○ **Education**

- Gazi University (Ankara)
 - PhD. Degree in Hydraulic Division (Researches began in 2010 and completed at the end of 2018) – A case study for avalanche modelling for Bozdağ Mountain.
- Gazi University (Ankara)
 - MSc. Degree in Hydraulic Division (Researches began in 2002 and completed in 2005) - Experimental study of chlorine bulk decay in water supply pipes.
- METU - Middle East Technical University (Ankara)
 - Bachelor Degree in Civil Engineering (Graduated from hydraulic courses weighted section in 2001)

○ **Work Experiences**

- DSİ-State Hydraulic Works

(which is the leading governmental organisation on water sector in Turkey)

- Surveying, Planning & Allocation Department (September 2015 – on going)

Position: Vice Chair of the Department

Responsible for; - Water Resources Planning Section

- Planning Activities for Flood Control Measures (both upstream and downstream)
- Hydrometric Activities
- Mapping Activities
- Water & Soil Laboratory

Many works and reports within responsibility are managed, steered and approved during the study period. Some of the outstanding examples;

- Euphrates Basin Master Plan Report
- Tigris Basin Master Plan Report

- Konya Closed Basin Master Plan Report
 - Kızılırmak Basin Master Plan Report
 - Integration of Atmospheric, Hydrological and Hydraulic Models for Early Warning of Flood in Five Pilot Basins (research & development project – ongoing)
- Water Supply Department (August 2015 – May, 2013)
 Position: Vice Chair of the Department
 Responsible for; - TRNC - Turkish Republic of Northern Cyprus Water Supply Project
 (Three main parts; Turkey land portion, TRNC land portion and sea transmission)
 - Water Intake Structures
 - Water Transmission Lines
 - Treatment Plants (including determination of location, capacity, type etc.)
 - Surge Tanks
 - Treated Water Tanks in Networks
 Many works and reports within responsibility are managed, steered and approved during the study period. As an example two of them are;
 - Turkish Republic of Northern Cyprus Water Supply Project (a unique water supply project in the World especially sea crossing section)
 - Ankara water supply project (with 31,50 km length monolithic tunnel)
- Hydroelectric Energy Department (June 2012 – April, 2013)
 Position: Head of Section
 Responsible for; - Checking and following up the Hydroelectric Power Plant projects
 - Monetary return of the HEPP projects
- Surveying, Planning & Allocation Department (May 2012 – June 2006)
 Position: Water Resources Planning Engineer
 Responsibility; - Water Resources Planning for Irrigation, Hydroelectric Power Generation and Potable Water (for one purpose or multi purposes)
 - Planning Reports
 - Feasibility Reports for HEPP projects
- Between May 2006 and December 2005, military obligation has completed.

- Seminar on Water Resources Planning (18 January – 13 May 2016) - As a Coordinator
- **Computer Skills**
 - MS Office (Word, Excel, Powerpoint – as intermediate level)
 - RAMMS-Rapid Mass Movements (Avalanche Module, a simulation programme by SLF)
 - AutoCAD (basic level)
- **Language Skills**
 - English (good in reading, intermediate in writing and speaking)
 - German (A.2 level) – learning process is ongoing
- **Publications & Papers**
 - “Experimental study of chlorine bulk decay in water supply pipes” (Journal of Hydraulic Research, Volume 45, 2007; Issue 6) – from Master Thesis
 - “A New Application in The Context of Upstream Watershed Rehabilitation; Filter Check Dams” (DSİ Technical Bulletin, January 2017, Issue: 123)
 - “Sedimentation Problem in Dam Reservoirs; Hasanlar Dam Reservoir As An Example” (5th International Symposium on Dam Safety, 27 October – 01 November 2018, İstanbul, Proceedings: Vol. I, pp. 333 – 340.)