

Prof. Dr. Mehmet ÇALIŞKAN

**List of Professional Activities in Fields of Vibration Analysis, Acoustics and Noise
Control in Transportation Systems -1**

YEAR	DESCRIPTION
2019-2021	Vibration Analysis and Risk Assessment for Kadıköy-Sultanbeyli High Speed Metro Line in Istanbul
2019-2020	Vibration Analysis and Risk Assessment for Halkalı-Istanbul Airport-Gayrettepe High Speed Metro Line in Istanbul
2018-2021	Vibration Analysis and Risk Assessment for Göztepe-Ataşehir-Umraniye Line in Istanbul
2018-2021	Acoustical Design of Metro Stations on Göztepe-Ataşehir-Umraniye Line in Istanbul
2018-2020	Vibration Analysis and Risk Assessment for Kirazlı-Bakırköy IDO Line in Istanbul (8.8 km, under construction)
2018-2020	Vibration Analysis and Risk Assessment for Ataköy-İkitelli Line in Istanbul (13.4 km, under construction)
2018-2020	Acoustical Design of Metro Stations on Kirazlı-Bakırköy IDO Line in Istanbul (7 stations, under construction)
2018-2020	Acoustical Design of Metro Stations on Ataköy-İkitelli Line in Istanbul (12 stations, under construction)
2016-2018	Acoustical Design of Metro Stations on Mahmutbey-Mecidiyeköy-Kabataş Line in Istanbul (19 stations, under construction)
2016-2018	Vibration Analysis and Risk Assessment for Mahmutbey-Mecidiyeköy-Kabataş Metro Line in Istanbul (23 km, construction phase)
2016-2017	Acoustical Design of Metro Stations on Kaynarca-Sabiha Gökçen Airport Line in Istanbul (4 stations-construction phase)
2016-2017	Vibration Analysis and Risk Assessment for Kaynarca-Sabiha Gökçen Airport Metro Line in Istanbul (7.4 km- construction phase)
2016	Assessment of the Impact of Environmental Vibrations on Historical Structures due to Tram Traffic on Line 3 in Antalya(construction phase)
2016-2018	Acoustical Design of Dalaman Airport Domestic Terminal(construction phase)
2016	Assessment of the Impact of Environmental Vibrations on Historical Düden Bridge due to Tram Traffic on Line 2 in Antalya(operational)

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YEAR	DESCRIPTION
2015-2016	Acoustical Design of Ashkabat Airport International Terminal(operational)
2016-2017	JSF (Joint Strike Fighter F-35) Project Noise Impact Study for Turkey: Malatya Airport Noise Mapping 2013-2015 Acoustical Design of YHT (High Speed Train) Central Station in Ankara (operational)
2013-2014	Vibration Analysis of YHT(High Speed Train) Central Station in Ankara (operational)
2013-2014	Acoustical Consultancy Services for Ercan Airport Terminal Building in Northern Cyprus(project phase)
2013-2014	Vibration Analysis and Risk Assessment for Kartal-Kaynarca Metro Line in Istanbul (5 km, construction phase)
2013-2014	Acoustical Design of Metro Stations on Kartal-Kaynarca Line in Istanbul (construction phase)
2013	YHT Eskişehir Main Station Passing: Environmental Vibration Analysis and Risk Assessment (1.5 km, operational)
2013	Acoustical Consultancy Services for Mitigation of Environmental Noise around Depot Areas on Marmaray in Istanbul (partly operational, partly construction phase)
2013	Acoustical Design of Metro Stations on Levent-Hisarüstü Line in Istanbul (4 Stations, operational)
2013	Vibration Analysis and Risk Assessment of Levent-Hisarüstü Line in Istanbul (3.5 km, operational)
2012-2013	Vibration Analysis and Risk Assessment for MARMARAY (52 km, construction phase, Gebze-Pendik section , 20 km, operational)
2012-2013	Noise Mapping and Impact of Noise Barriers for MARMARAY (72 km, construction phase)
2012	Noise Mapping and Impact of Noise Barriers for BAŞKENTRAY Commuter Line in Ankara (36 km, operational)
2012-2015	Vibration Analysis and Risk Assessment of Üsküdar-Ümraniye-Çekmeköy Line in İstanbul (16 km, construction phase)

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**List of Professional Activities in Fields of Vibration Analysis, Acoustics and Noise
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YEAR	DESCRIPTION
2012-2017	Acoustical Design of Metro Stations on Üsküdar-Ümraniye-Çekmeköy Line in İstanbul (16 stations, construction phase)
2012	Vibration Analysis and Risk Assessment of Şişhane-Yenikapı Line in İstanbul (3.5 km, operational)
2012	Acoustical Design of Unkapanı, Şehzadebaşı ve Yenikapı Metro Stations on Şişhane-Yenikapı Line in İstanbul (3 stations, operational)
2012-2013	Acoustical Design of Marmaray Stations (36 Stations-under construction)
2011-2012	Acoustical Consultancy Services for Pulkovo Airport Terminal Building in St. Petersburg, Russian Federation (operational)
2011	Acoustical Design of ZORLU Center Pedestrian Tunnel in İstanbul (operational)
2010	JSF (Joint Strike Fighter F-35) Project Noise Impact Study for Turkey: Eskisehir and Konya Airports Noise Mapping
2010-2012	Vibration Analysis and Risk Assessment of Warsaw Second Phase Metro Line (6 km, operational)
2010-2011	Acoustical Design of Metro Stations on Warsaw Metro, Second Phase (7 stations, operational)
2009-2010	Vibration Analysis and Risk Assessment of İzmir Second Phase Metro Line (5.2 km, operational)
2009-2010	Acoustical Design of Metro Stations on İzmir Metro, Second Phase (4 stations, operational)
2008-2011	Acoustical Design of Metro Stations on Kadıköy-Kartal Metro Line in İstanbul (16 stations, operational)
2008-2011	Vibration Analysis and Risk Assessment of Kadıköy-Kartal Metro Line in İstanbul (25 km, operational)
2008-2009	Acoustical Design of Metro Stations on Levent-Ayazağa Metro Line in İstanbul (6 stations, operational)
2008-2009	Vibration Analysis and Risk Assessment of Levent-Ayazağa Metro Line in İstanbul (7.2 km, operational)

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List of Professional Activities in Fields of Vibration Analysis, Acoustics and Noise Control in Transportation Systems -4

YEAR	DESCRIPTION
2007	Environmental Impact Study of Şanlıurfa Railway Extension Line
2007	Environmental Impact Study of Tokat Railway Extension Line
2007	Environmental Impact Study of Nevşehir Railway Extension Line
2007	Environmental Impact Study of Ardahan Railway Extension Line
2007	Environmental Impact Study of Güllük Port Railway Extension Line
2007	Vibration Analysis and Risk Assessment of Taksim-Şişhane Metro Line in Istanbul (1.3 km, operational)
2007	Environmental Impact Study of Halkalı(Istanbul)-Bulgarian Border Rapid Transport Line
2007	Environmental Impact Study of Elazığ Airport Extension
2006	Environmental Impact Study of Kütahya-Afyon-Uşak Regional Airport
2006	Environmental Impact Study of Ağrı Airport
2006	Environmental Impact Study of Yarımca Container Terminal (operational)
2006	Environmental Impact Study of Kars-Tbilisi Rapid Transport Line
2006	Environmental Impact Study of Ankara-Sivas Rapid Transport Line 2006
	Environmental Impact Study of Tekirdağ-Muratlı-Büyükkarıştıran Railway Extension Line
2006	Project Control Services for Vibration Study of Ulus-Keçiören Metro Line in Ankara (operational)
2006	Environmental Impact Study of Polatlı-Konya Rapid Transport Line (operational)
2005	Acoustical Design of International Terminal Building at Dalaman Airport (operational)
2004	Acoustical Design of Söğütözü Station on ANKARAY Light Metro Line (operational)
2004	Acoustical Design of ODTÜ, Bilkent, MTA and other Stations on Çayyolu Metro Line in Ankara (6 stations, operational)
2002	Project Control Services for Vibration Study on Ankara Metro System 3rd Extension (operational)

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**List of Professional Activities in Fields of Vibration Analysis, Acoustics and Noise
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YEAR	DESCRIPTION
2002	Project Control Services for Acoustical Design of Stations on Ankara Metro System 3rd Extension (operational)
1999-2000	Noise Control Study for Adana Metro System
1994	Acoustical Design of Metro Stations on Ankaray Light Metro Line in Ankara (11 stations, operational)