

M.ATILLA ANSAL



Professor of Civil Engineering
Özyeğin University, School of Engineering
Nişantepe Mah. Orman sok. No:13
34794 Alemdağ-Çekmeköy, Istanbul, Turkey

Office Phone: (+90) 216.564.9499
Mobile Phone: (+90) 532.286.9550
E-mail: atilla.ansal@ozyegin.edu.tr

PERSONAL INFORMATION

Birth Date and Place: 14.6.1945 Ankara
Nationality: Turkish
Profession: Civil Engineer

EDUCATIONAL BACKGROUND

- March 2012-2019, Professor and Chairman of Civil Engineering Dep. Engineering School, Özyeğin University, Istanbul
- Feb-June 2004, Visiting Professor
State University of California, Chico, Cal. USA
- Aug. 2002-Feb.2012, Professor of Earthquake Engineering
Bogazici University, Kandilli Observatory and Earthquake Research Institute, Istanbul
- Feb-March 2002, Visiting Scientist
U.S. Geological Survey, Menlo Park, Cal. USA
- Nov. 1994-Feb. 1995, JICA Visitor,
Tokyo University, Civil Engng. Dep., Tokyo Japan
- Jan.-March 1990, Visiting Prof.
National Civil Engineering Laboratories, Lisbon, Portugal
- June 1989, Visiting Prof.
Univ.of Naples, Inst. of Geotechnical Engng, Italy
- Oct. 1988, Professor of Geotechnical Engineering
Istanbul Technical University, Istanbul
- July-Aug. 1986, Visiting Researcher,
University College, London, Municipal and Civil Engng. Dep.UK
- 1982, Docent (Assoc.Prof) of Geotechnical Engineering
Istanbul Technical University, Istanbul
- 1982-1983: Post-Doctorate
Norwegian Geotechnical Institute, Oslo, Norway
- 1977-1978: Post-Doctorate
Northwestern University, Civil Engineering Department, Evanston, Illinois. USA
- 1973-1977: PhD in Geotechnical Engineering
Northwestern University, Civil Engineering Department, Evanston, Illinois. USA
- 1964-1969: M.Sc. Civil Engineering,
Istanbul Technical University, Istanbul
- 1956-1964: Robert College Academy, Istanbul

**PROFESSIONAL
BACKGROUND**

- Editor in Chief of International Springer Journal “Bulletin of Earthquake Engineering”, Springer, 2002 - present
- Editor in Chief for Book Series on “Geotechnical, Geological and Earthquake Engineering”, Springer, 2003-present
- Editor in Chief for Book Series on “SpringerBriefs in Earth Sciences”, Springer, 2017- Present
- Co-Chairman of the Organising Committee for the 2nd European Conference on Earthquake Engineering and Seismology, Istanbul, 25-29 8.2014
- Member of the Evaluation Committee for “Analysis and Mitigation of Risks in Infrastructures, InfraRisk” Doctoral Programme, Portugal, 2016-2023
- Vice President of European Association for Earthquake Engng, 2018-2022
- President of European Association for Earthquake Engineering, 2014-2018
- Secretary-General of European Association for Earthquake Engineering, 1994 – 2014
- EAEE Representative in Executive Committee of European Seismological Commission, 1994-2014 & 2018-2022
- Chairman of Geolst, Geotechnical Earthquake Engineering and Consultancy Inc, Istanbul, Turkey 2013-
- Core Member of ISSMF E European Technical Committee ETC12 on “Evaluation of Eurocode 8”, 2003-2011
- Co-Chairman of ISSMF E Technical Committee TC4 on “Earthquake Geotechnical Engineering”, 2005 - 2009
- President of the Turkish National Committee on Earthquake Engineering, 2005 - 2009
- Core Member of ISSMF E Technical Committee TC19 “Preservation of Monuments and Historic Sites”, 2001-2009
- Chairman of the Organising Committee for the 7th Turkish National Conference on Earthquake Engineering, Istanbul, 2011
- Chairman of the Organising Committee for the 6th Turkish National Conference on Earthquake Engineering, Istanbul
- Local Organising Committee Member for 4th Int. Con. on Earthquake Geotechnical Engineering, 2007 Thessaloniki, Greece
- Editorial Board Member of the International Journal “European Earthquake Engineering”, 1993-2004
- Guest Editor with D. Slejko for Soil Dynamics and Earthquake Engineering, Special Issue on Seismic Risk Maps and Scenarios: Protecting Tools Against Earthquakes, Vol.21, No.5
- Editor of the “Bulletin of European Association for Earthquake Engineering”, 1994-2002
- Coordinator of EAEE Task Group on “Geotechnical Earthquake Engng. and Microzonation”, 1991-2005
- Co-Organiser and Lecturer for the DRM training short course on “Seismic Microzonation”, BU Kandilli Observatory and Earthquake Research Institute, February 16-20, 2004
- Int. Advisory Committee Member for:
12th European Conf. on Earthquake Engng, London, UK, Sep. 2002
- Int. Scientific Committee Member for:
1st European Conference on Earthquake Engineering and Seismology, Geneva, Switzerland, Sep. 2006
11th European Conf. on Earthquake Engng, Paris, France, Sep.1998
10th European Conf. on Earthquake Engng, Vienna, Austria, 1994
9th European Conf. on Earthquake Engng, Moscow, Russia, 1990
- Organising Committee Member and Lecturer for the EAEE:
20th Euro. Regional Sem. on Earthquake Engng, Sion, Switzerland, Sep.2001
19th Euro. Regional Sem. on Earthquake Engng, Cairo, Egypt, Dec. 1997
18th Euro. Regional Sem.on Earthquake Engng, Aug. 1995, Lyon, France;

- Lecturer for:
 - 17th Euro.Regional Sem. on Earthquake Engng, Haifa, Israel, Sep. 1993
 - 16th Euro.Regional Sem.on Earthquake Engng, Stara Lesna, Slovakia, 1991
 - 15th Euro.Regional Sem.on Earthquake Eng., Ravello, Italy, Sep. 1989
 - 14th Euro.Regional Sem.on Earthquake Eng., Ossiach, Austria, Sep. 1988
 - 12th Euro.Regional Sem.on Earthquake Eng, Halkidiki, Greece, Sep. 1985
- Organizing Committee Secretary and Lecturer for:
 - 13th Euro.Regional Sem.on Earthquake Engng, Sep. 1987, Istanbul;
- National Member of ISO/TC98/SC3/WG10 on “Seismic actions on geotechnical works”, 2002-2012
- Member of ISSMFE Subcommittee on “Constitutive Equations on Soils”, 1983 – 1985
- Scientific Committee Member for:
 - 11th Int.Conf. on Soil Dyn.and Earthquake Eng, San Francisco, Jan. 2004
 - 10th Int.Conf. on Soil Dyn.and Earthquake Eng, Philadelphia, USA,Oct. 2001
- Organising Committee Member and Theme Coordinator for 9th Int. Conf. on Soil Dynamics and Earthquake Engng, Bergen, Norway, August 1999
- Organising Committee Member for 8th Int. Conf. on Soil Dynamics and Earthquake Engng., Istanbul, June 1997
- Organiser of the Satellite Conference, on “Lessons Learned during Recent Strong Earthquakes” and Seminar for Local and Young Engineers on “Geotechnical Engineering and Microzonation”, XV. Int. Conf. on Soil Mechanics and Geotechnical Engng, Istanbul,2001
- Co-Coordinator for the Special Symposiums on:
 - “Local Site Effects and Experimental Observations”, XXVI. General Assembly of European Seismological Com., Lisbon, Portugal, Sep, 2000
 - “Geophysical Hazards and Risks: Predictability, Mitigation, and Warning Systems”, General Assembly of Int. Union of Geodesy and Geophysics, Birmingham, UK, July 1999
 - “Microzonation and Design Earthquake”, XXV. General Assembly of European Seismological Commission, Tel Aviv, Israel, Aug,1998
 - “Seismic Microzonation” XXV General Assembly of European Seismological Commission, Reykjavik, Iceland, Aug. 1996
- Int. Advisory Committee Member and Theme Lecturer for the 2nd Int. Geotechnical Earthquake Eng. Conf., Lisbon, June 1999
Discussion Leader of Session 1 for the First Int. Geotechnical Earthquake Eng. Conf. Tokyo, Nov. 1995
- Member of Advisory Committee on Engineering Disciplines for the Turkish Inter University Council, 2001-2005
- Member of the Turkish National Earthquake Council, 2000-2003
- Consulting Editor of Anadolu University Journal of Science and Technology, Eskisehir, July 1999- present
- Organising Committee Member of the 5th National Earthquake Eng. Conf. Istanbul, May, 2003
Scientific Committee Member of the 4th National Earthquake Eng. Conf, Ankara, Sep. 1997
Secretary of the Organizing Com. for the 2nd and 3rd National Earthquake Eng. Conf, Istanbul March. 1993 and March 1995
- President of Turkish Chamber of Civil Engineers, March 1998-2000
- President of Istanbul Div.of Turkish Chamber of Civil Engineers, 1992-1994
- Representative of Turkish Chamber of Civil Engineers in the European Council of Civil Engineers, 1998-2000
- Editor of Bulletin of Istanbul Section of Turkish Chamber of Civil Engineers, 1992-1994

	<ul style="list-style-type: none"> • Member of Editorial Board for Technical Journal of Turkish Chamber of Civil Engineers, 1989-1996 • Organising Secretary and Editor of the First and Second Symposiums on “Istanbul and Earthquakes”, May 1991, May. 2000 • Organizing Committee Secretary for the First Japan-Turkey Earthquake Engineering Workshop, Istanbul, March 1997 • Member of Int. Organizing Committee of 3rd Int. Conf. on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, St. Louis, Mi., April 1995 • Istanbul Technical Uni., Member of Civil Engng Faculty Council, 1991-1994 Executive Board Member of Institute of Science and Technology, 1986-87 Vice Director of Building and Earthquake Res. Center, 1983-1988 Coordinator of Geotechnical Laboratories, 1983-1993 • General Secretary of the Turkish National Committee of Earthquake Engineering, 1991–1993 • UNDP/UNESCO project “Earthquake Risk Reduction in the Balkan Region” Convenor of Task Group “Study of the Secondary Geological Hazard: Evaluation of the Influence of Local Soil Conditions; Harmonization of Lab. and In-Situ Testing Conditions” 1985-1991 Coordinator of Task Group on “Standardization of Dynamic Testing of Soils”, 1983 – 1985 Convener of Working Group on “Dynamic Behaviour of Soils, Soil Amplification and Soil Structure Interaction”, 1980 - 1983 Editor of first issue of the Bulletin for UNESCO Project “Earthquake Risk Reduction in the Balkan Region, 1989 • Participant to Special Summer Course on “Developments in Measurement and Modelling of Clay Behaviour for Foundation Design”, Massachusetts Institute of Technology, Mass, 1985 • UNESCO Consultant on Earthquake Eng. & Soil Dynamics in Tirana University, Albania, Oct. 1984 • Predictor in NSF/NSERC North American Workshop on “Plasticity Theories and Generalized Stress-Strain Modelling of Soils”, McGill University, Montreal, Canada, May 1980 • Teaching & Research Ass, Northwestern University, Civil Eng. 1975-1977 • Soils Engineer, Soil Testing Services, Inc. Illinois, USA, 1973-1975 • Teaching Ass, University of Missouri, Rolla, Civil Eng. 1973 • Teaching Ass, Aegean University, Civil Eng. Izmir May-Dec. 1972 • Ass. Head of Eng. Div, Turkish Army, 22. Gendarme Brigade, Mardin, Sep. 1970-March 1972 • Field Engineer, Cunningham-Limp Int., Istanbul, 1969-1970
<p><u>COURSES TAUGHT</u></p>	<ul style="list-style-type: none"> • <u>Undergraduate</u> Numerical Methods and Computer Programming, Introduction to Computer Programming, Introduction to Civil Engineering Introduction to Soil Mechanics and Foundation Engng, Soil Mechanics, Advanced Soil Mechanics, Foundation Engineering, Geotechnical Earthquake Engineering, Geotechnical site and laboratory Testing • <u>Graduate</u> Engineering Properties of Soils, Soil Dynamics, Geotechnical Earthquake Engineering, Microzonation Methodologies,

	Soil Liquefaction, Site Response Analysis.
<u>ADVISED GRADUATE THESIS:</u>	<p><u>Ph.D. Thesis</u></p> <ol style="list-style-type: none"> 1. Maryam Massah Fard, Numerical Analysis of Monopile Foundations for Offshore Wind Turbines, 2021 (Co-Advisor) 2. Özge Fercan, A Parametric Study for the Characterization of Site Amplification, 2020 (Co-Advisor) 3. G. Tönük, Factors Affecting Site Response Analysis, 2009 4. B. Yağcı, Microzonation Methodologies and an Application for Balıkesir, March 2005 5. A. Sezen, Endochronic Modelling of Sand Behavior under multi-dimensional stress paths and cyclic loading, November 2004 6. S. Altun, Evaluation of cyclic behavior of soil with torsional shear test, February 2003 7. V. Okur, Stress Strain and Strength Behaviour of Fined Grained Soils under Different Dynamic Stress Amplitudes, February 2002 8. H. Güllü, Microzonation of Dinar with Respect to Site Amplification with Geographic Information System, March 2001 9. A.S. Kin, A Study of the Behavior of Large Diameter Piles Under Lateral Loads, March 1995 10. R. Iyisan, Comparison of Seismic and Penetration Tests in the Determination of Geotechnical Properties, October 1994 11. M.A. Lav, Microzonation of Istanbul and Erzincan Based on Geotechnical Conditions, August 1994 12. B.G. Siyahi, Slope Stability Analysis and Slope Failures During Earthquakes, July 1994 13. B. Şengezer, Research Related to Development of New Planning Strategies for Disaster Mitigation and Seismic Risk Assessment in Urban Areas in Turkey, 1991 (Co-Advisor) 14. H. Yıldırım, The Behavior of a Natural Clay Under Cyclic Shear Stresses, 1987 15. A. Erken, The Effect of Membrane Penetration in Triaxial Compression Tests of Sands, 1987 <p><u>Master Thesis</u></p> <ol style="list-style-type: none"> 1. S.Shameki, A Comparison Study Between 1D and 2D Site Response Analyses Based On Observed Earthquake Acceleration Records (2022) 2. O. İlhan, Microzonation with respect to rainfall induced landslides, 2014 3. B.Çetiner, Evaluating Site Effects For Estimation Of Seismic Ground Response: A Practical Approach, July, 2013 4. U.Gulerce, Determination of Variation in Predominant Soil Period and Soil Amplification Factors in Izmir by Microtremor Measurements, June, 2002 5. Y.Eyigün, Application of Soil Ankrage to Trace Formation, Jan. 2001 6. Y.Bayraklı, Effect of Local Soil Conditions on Site Amplification for Zeytinburnu Region, June 2000 7. Nejat Özçimen, A Study on the Effects of Local Soil Conditions on Ground Motions, Jan. 2000 8. Z.Hanavdeloğulları, Determining the Pile Bearing Capacity with Finite Element Method, Feb. 1998 9. A.C.Bayban, Residual Strength of Compacted Clays, June 1997 10. B.Nejat Kaya, Determination of Local Geotechnical Effects of Earthquake by Microtremor Measurements, Feb. 1997

	<ol style="list-style-type: none"> 11. M.Ozkan, Microtremor Measurements in Dinar and Comparison with In-Situ Tests, February 1997 12. F.Duman, Analysis of Earthquake Records and Microtremor Measurements in the Strong Motion Stations in Istanbul, July 1996 13. E.Alhas, Liquefaction of Silty and Clayey Sands, July 1994 14. D.Peker, Statistical Study of Earthquake Ground Motion, June 1994 15. A.Şahin, Seismic Risk and Cost Analysis of Masonry and Reinforced Concrete Retaining Walls, Jan. 1994 16. A.Sezen, Statistical Analysis of Index and Shear Strength Characteristics of Soils, Sep. 1992 17. Beyazıt, Statistical Properties of Different Soil Parameters and Regression Analysis, July 1992 18. Y.Kozacıoğlu, Determination of Shear Strength of Sands Using Direct Shear Box and Torsional Ring Shear, July 1988 19. M.Özkan, Consolidation Settlements Due to Cyclic Shear Stresses, July 1988 20. N.Aksoy, The Behavior of Cohesive Soils Under High Pressures, July 1988 21. A.Çelebi, Triaxial Extension and Compression Tests on Clays, July 1988 22. H.Özarda, The Behavior of Clays Under Strain Controlled Cyclic Loading, Jan. 1988 23. A.M.Güneş, Statistical Evaluation Index and Engineering Properties of Soils, June 1986 24. Ö.Kaptanoğlu, , Comparison of Various Consolidation Testing Procedures, June 1984 25. M.Tanriverdi, A Parametric Study on Pile Behavior Under Lateral Loads, June 1984 26. A.Semercioğlu, Behaviour of Cohesive Soils under Uniaxial Repetitive Loading, Feb. 1984 27. E.Aytı, Experimental Investigation of the Behavior of Normally Consolidated and Overconsolidated Clays Under Shear Stresses, Feb. 1984 												
<p><u>MEMBERSHIPS</u></p>	<ul style="list-style-type: none"> • Turkish Chamber of Civil Engineers • American Society of Civil Engineers • Earthquake Engineering Research Institute • Seismological Society of America • Turkish Earthquake Foundation Earthquake Engng. Committee • Turkish Society for Soil Mechanics and Geotechnical Engng. • European Association for Earthquake Engineering 												
<p><u>CITATIONS</u> <u>ACCORDING TO GOOGLE SCHOLAR</u></p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>ALL</th> <th>Since 2019</th> </tr> </thead> <tbody> <tr> <td>Citations</td> <td>2702</td> <td>931</td> </tr> <tr> <td>h-index</td> <td>26</td> <td>16</td> </tr> <tr> <td>i10-index</td> <td>62</td> <td>26</td> </tr> </tbody> </table>		ALL	Since 2019	Citations	2702	931	h-index	26	16	i10-index	62	26
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h-index	26	16											
i10-index	62	26											
<p><u>EDUCATIONAL SEMINARS AND UNPUBLISHED LECTURES</u></p>	<ul style="list-style-type: none"> • “Liquefaction Susceptibility by Laboratory Tests”, Int.Workshop on Advances in Laboratory Testing of Liquefiable Soils, 17 Sep.2022, North Cyprus, • “Microzonation with Respect to Ground Shaking Intensity”, VI. International Earthquake Symposium, Kocaeli 2019, September 25-27.2019 • “Uncertainties in site specific response analysis”, Keynote Lecture EAGE-GSM Second Asia Pacific Meeting on Near Surface Geoscience and Engineering, 22-26 April 2019 Kuala Lumpur, Malaysia 												

- “Seismic Microzonation for Hazard Mitigation” Keynote Lecture, International Conference on Construction Technology and Innovation (INCONIN2019), Jakarta, 21-22 March 2019
- “Seismic Microzonation for Damage Mitigation” Keynote Lecture, Geomeast 2018, Int.Congress & Exhibition, 27 Nov. 2018, Cairo, Egypt
- “Uncertainties in site specific response analysis”, Keynote Lecture 36th General Assembly of the European Seismological Commission, Sep.2018, Valetta, Malta
- “Sahaya Özel Zemin Büyütme Analizlerinde Belirsizlikler ve Olasılıklar” Prof. Dr. Feyza Çinicioğlu onuruna Teoriden uygulamaya geoteknik mühendisliği sempozyumu, May, 2018
- 15th Nonveiller Lecture “Seismic Microzonation and Earthquake Scenarios”, Zagreb, Croatia, October 27, 2017
- “Site-Specific Response Analysis”, Keynote Lecture, Eighth European Workshop on the Seismic Behaviour of Irregular and Complex Structures, Bucharest, Romania, October 19, 2017
- “Site response and vertical strong motion arrays”, Keynote Lecture, Conference on the centenary of the Monterchi earthquake in 1917, Valtiberina, Italy, April 27, 2017
- “Factors affecting site response analysis” University College London, October 19, 2016
- Site Response Analysis during Advanced School on Seismology beyond the textbooks, September 2016, Trieste, Italy
- “Early warning for rainfall induced landslides”, ECGS & ESC/EAAE Workshop on “Earthquake and Induced Multi-Risk Early Warning and Rapid Response”, European Center for Geodynamics and Seismology, 18-20 Nov. 2015, Luxemburg
- “Microzonation with respect to earthquake hazards” InfraRisk Summer Workshop, Aveiro, Portugal, July 2015
- “A Methodolgy for Estimating Site Specific Design Earthquake Characteristics”, International Fair of Public Works, Side Conference, Algiers, 23.11.2014
- “Ground Motion Estimations for The Vulnerability Assessment of Historic Buildings in Istanbul”, Workshop on Seismicity of Historical Structures, 4.11.2014, Istanbul Technical University
- “Site Specific Earthquake Spectra for Performance Based Design”, 7th European Workshop on the Seismic Behaviour of Irregular and Complex Structures, Opole University of Technology, 18.10.2014
- “Microzonation for Urban Planning and Earthquake Damage Scenarios”, 2013 Int. Van Earthquake Symposium, 24.10.2013
- “Site Specific Design Earthquake Characteristics”, IAHS-IAPSO-IASPEI Joint Assembly, Gothenburg, Sweden, 24.7.2013
- “Microzonation with Respect to Ground Shaking Intensity and Liquefaction”, 8th Gulf Seismic Forum, Oman, Muscat, 4.3.2013
- “Site Specific Design Earthquake Characteristics”, 33rd General Assembly of the European Seismological Com., Moscow, Russia, Sep.2012
- “Seismic Microzonation and Earthquake Senarios”, Muğla University, Civil Engineering, Turkey, 5.11.2012
- "Geotechnical Array Facilities in Istanbul Turkey", NEES Workshop, Uni. of California at Santa Barbara, 23.8.2011
- "Site Response from Istanbul Vertical Arrays and Strong Motion Network" Invited Lecture, International Symposium On Strong-Motion Earthquake Effects, 29.4.2011, Reykjavik
- "İstanbul için sismik mikrobölgeleme senaryoları" DASK İstanbul İli Risk Modelleme Çalıştayı, 15 Mart 2011, İstanbul

- "Site Specific Response Analysis and Microzonation for Urban Planning", Keynote Lecture 3rd International Conference on Seismic Retrofitting, Tebriz, İnan, 20-22 Ekim 2010
- "Seismic Microzonation and Earthquake Scenarios for Urban Sustainability", Keynote Lecture, International Workshop on El Asnam Earthquake of October 10th, 1980: Thirty years after, Cezayir, 12-13 Ekim, 2010
- "Seismic Microzonation and Vulnerability Assessment of Buildings and Lifelines Using Detailed Site Information: Case Study for European Part of Istanbul" TBTK – Japan Workshop, 2010
- "Site Specific Earthquake Characteristics Based on Detailed Site Response Analysis" ISSMGE TC4 Earthquake Geotechnical Engineering Satellite Conference, 2-3.10.2009, Alexandria, Egypt
- "Damage to water and sewage pipeline systems in Adapazari during 1999 Kocaeli Earthquake", 3rd Greek Conference on Earthquake Engineering, Athens, 5-7.11.2008, Invited Keynote Lecture
- "Seismic Microzonation and Vulnerability Assessment of Buildings and Lifelines Using Detailed Site Information: Case Study for European Part of Istanbul" 2008 Seismic Engineering International Conference commemorating the 1908 Messina and Reggio Calabria Earthquake, 8-11.7.2008, Messina, Italy, Special Lecture
- "Mikrobölgeleme ve Deprem Senaryoları", Yüzeye Yakın Yapıların Belirlenmesinde Jeofizik ve Uzaktan Algılama Sempozyumu, 30 Nisan - 2 Mayıs 2008 İzmir, Davetli Konuşma
- "Mikrobölgeleme ve Sismik Tehlike Senaryoları", 1. Ulusal Doğal Afetler ve Yerbilimleri Sempozyumu, 19-22 Mart 2008 Adapazari, Davetli Konuşma
- "Earthquake Hazard and Earthquake Damage Scenarios" International Earthquake Symposium, Kocaeli 2007, 22-24 October 2007, invited lecture
- "Ground Motion Parameters for Microzonation and Loss Estimation" Gebze Institute of Technology, Earthquake and Structures Department, Spring Seminars, 2007
- "Ground Motion Parameters for Microzonation and Loss Estimation" Boğaziçi University, Kandilli Observatory and Earthquake Research Institute, 23 March 2007
- "Earthquake Master Plan for Istanbul", First European Conference on Earthquake Engineering and Seismology, 2006, Geneva, Switzerland
- "Istanbul Metropolitan Municipality Earthquake Master Plan", "Seismic Microzonation for Urban Planning and Vulnerability Assessment", "Liquefaction Susceptibility and Microzonation", International Workshop on Risk Assessment and Disaster Management, "Ecole Nationale d'Ingénieurs de Tunis", November, 2005, Tunus Invited Lectures
- "Mikrobölgeleme ve Deprem Senaryoları" Geoteknik Sempozyumu, Adana, Ekim 2005, Çağrılı Konuşma
- "Ground motion parameters for microzonation and vulnerability assessment", Euroseisrisk Workshop Aristotle Univ., Thessaloniki, Greece, June 21, 2005
- "Effect of Site Conditions and Seismic Microzonation for Earthquake Risk Mitigation", UIA, Urban Settlements and Natural or Other Disasters Work Programme, Summer School on Architects and Disasters, İzmir, July 7, 2004
- "Earthquake Master Plan for Istanbul", First 3CD Coordination Workshop, Seehiem, Germany, June 26, 2004
- "Earthquake Master Plan for Istanbul", "Microzonation for Earthquake Risk Mitigation in Turkey", Ecole Nationale d'Ingénieurs de Tunis, Tunisia, June 11, 2004

- “Seismic Risk Management on the Example of Mediterranean Countries: Earthquake Master Plan For Istanbul”, Seismic Risk Mitigation Issues in Montenegro and the Region, Podgorica, Montenegro, April 15, 2004
- “Microzonation in Highly Seismic Regions of Marmara Province” University of Texas, Austin, Civil Engineering Department, March 23, 2004
- “Microzonation for Earthquake Risk Mitigation” Technical Congress of Küçükçekmece and Its Periphery “Earthquake and Planning”, Oct. 8, 2003
- “1999 Kocaeli Earthquake and Earthquake-Induced Liquefaction”, 4th Workshop on Wave-and Seismic-Induced Liquefaction and its Implications for Marine Structures, LIMAS (Liquefaction Around Marine Structures), Commission of the European Communities, EU Fifth Framework Programme, September 17, 2002, Istanbul
- “Policies for Earthquake Damage Mitigation” Seminar on Economic and Strategic Losses due to Earthquakes and Initiatives for Mitigation from Management, Business and Industry Perspective, Bogazici University, Aug 14, 2002, Istanbul Turkey
- “Microzonation in Highly Seismic Regions of Marmara Province” ITU Conference of Earth Sciences, May 2002, Istanbul
- “Seismic Microzonation in Highly Seismic Regions in Turkey”, Goetechnical Engineering Department, University of California, Berkeley, April 3, 2002, Berkeley, CA, USA
- “Behaviour of Soil Layers during Earthquakes, Effects on Structural Damage and Microzonation”, Symposium on Earthquake Preparedness for Cities and Istanbul Case, Turkish Chamber of Architect, Istanbul Section, February 8, 2002, Istanbul
- “Lessons Learned from Marmara Earthquakes” Opening Lecture for 2001-2002 School Year, Istanbul Technical University, Civil Engineering Faculty, Civil Engineering Department, September 26, 2001, Istanbul
- “Behaviour of Soil Layers during Earthquakes, Effects on Structural Damage and Microzonation” Balikesir Municipality and Balikesir Section of Turkish Chamber of Civil Engineers, June 27, 2001
- “A Microzonation Study for One District in Istanbul” Founding Conference for the World Agency of Planetary Monitoring & Earthquake Risk Reduction, May 5, 2001, Geneva, Switzerland
- “Seismic Zonation for Earthquake Risk Mitigation”, Turkish Real Estate Summit II, April 18, 2001, Istanbul
- “Seismic Microzonation for Earthquake Risk Mitigation” Istanbul Besiktas Municipality Earthquake Seminar, April 7, 2001, Istanbul
- “Engineering Factors and Near Fault Site Effects during 17 August Kocaeli Earthquake” University of Firenze, Civil Engineering Department, Geotechnical Seminar on Seismic Microzonation, 30 November 2000, Firenze, Italy
- “European Association for Earthquake Engineering” Mitigation of Seismic Risk - Support to Recently Affected European Countries, (European Commission) Joint Research Centre (ISIS-SSMU-ELSA) and the DG Environment (Civil Protection Unit) Workshop, 27-28 November 2000, Belgirate, Italy
- “Effect of Local Geotechnical Conditions during Earthquakes” Duzce Governorship and Turkish National Earthquake Council Meeting, November 19, 2000, Duzce
- “Effects of the Earthquake in Izmit on 17 August 1999”, Colloquium Assisting Decision Making in Emergency Situation and Cooperation, EUR-OPA Major Hazards Agreement, 13-15.11. 2000, Toulouse, France
- “Soil Behaviour under Cyclic Stresses, Effect of Local Geotechnical Conditions and 17 August 1999 Kocaeli Earthquake”, Mersin Municipality

	<p>and Mersin Section of Turkish Chamber of Civil Engineers, October 25, 2000, Mersin</p> <ul style="list-style-type: none"> • “Geotechnical Factors and Near Fault Site Effects During 1999 Kocaeli Earthquake”, Keynote Lecture, CRAAG Symposium on Dynamic Evolution of Active faulting in the Mediterranean Region, 9-11.10.2000, Algiers, Algeria • “Effect of Local Geotechnical Conditions during Earthquakes” Yalova Municipality and Yalova Office of Turkish Chamber of Civil Eng, July 12, 2000, Yalova • “Microzoning for Seismic Risk Quantification” Nato Advanced Research Workshop on Mitigation and Financing of Earthquake Risks in Turkey, June 22, 2000, Istanbul • “Geotechnical Factors During 17 August 1999 Kocaeli Earthquake” Northwestern University, Geotechnical Engineering Department, April 26, 2000, USA • “Engineering Issues and 17 August 1999 Kocaeli Earthquake” Keynote Lecture, 2nd Mediterranean Meeting on Seismology and Seismic Engineering, 27-29 October 1999, Faro, Portugal • “Behaviour of Soils under Cyclic Stresses, Effects of Local Geotechnical Conditions and 17 August Kocaeli Earthquake” XV National Technical Conference, Turkish Chamber of Civil Engineers, Nov. 1999, Ankara • “Response of Soil Layers under Earthquake Excitations” Advanced Study Course, European Commission, Environment and Climate Program, ‘Seismotectonic and Microzonation Techniques in Earthquake Engineering: Integrated Training in Earthquake Risk Reduction Practices, Sep.1999, Kefallonia, Greece • “Behaviour of Soils under Cyclic Stresses and the Effect of Local Site Conditions during Earthquakes” Hamdi Peynircioğlu Lecture, 7th Turkish National Conf. on Soil Mechanics and Foundation Eng, Sep. 1988, Istanbul • “Seismic Hazard and Earthquake Characteristics for Istanbul”, Keynote Lecture, Int. Conference on Seismic Safety of Big Cities, 1998, Istanbul • “The Effects of Geotechnical Factors in Earthquakes and Microzonation”, Special Symposium on Seismic Microzonation, XXV Gen. Assem. of European Seismological Commission, Sep. 1999, Reykjavik, Iceland • “Harmonisation of Risk in Seismic Hazard Analysis”, Special Session on Earthquake Engineering, XXV General Assembly of European Seismological Commission, Sep. 1999, Reykjavik, Iceland • “Soil Conditions and Seismic Effects”, Keynote Lecture, First Int. Conf. on Seismic Safety on Urban Areas, Jan. 1996, Petropavlosk, Kamchatka, Russia • “The Importance of Microzonation in Hazard Mitigation”, 15th Regional Seminar on Earthquake Engineering, Sep. 1989, Ravello, Italy
<p><u>FIELDS OF INTEREST</u></p>	<ul style="list-style-type: none"> • Earthquake Geotechnical Engineering, • Soil Dynamics, • Seismic Hazard Analysis, • Landslide hazard analysis, • Seismic Microzonation, • Laboratory and In-Situ Testing of Soil Properties, • Stress-strain behaviour of soils, • Constitutive Soil Models
<p><u>AWARDS AND FELLOWSHIPS</u></p>	<ul style="list-style-type: none"> • 7th Prof.N.Ambraseys Lecturer (2024), European Association for Earthquake Engineering. • 15th Nonveiller Lecturer (2017), Croatian Geotechnical Society, Zagreb, Croatia

	<ul style="list-style-type: none"> • Third Prof.Dr. Rıfat Yarar Lecturer (2015), Chamber of Turkish Civil Engineers and Earthquake Engineering Committee of Turkish Earthquake Foundation • Third Ord.Prof.Dr. Hamdi Peynircioglu Lecturer (1988), Turkish National Committee on Soil Mechanics and Foundation Engineering
<p><u>PUBLICATIONS</u></p> <p>Journal Papers</p>	<ol style="list-style-type: none"> 1. N. Özge Fercan, Erdal Şafak, Atilla Ansal (2023) Characterization of Site Amplification by a Parametric Study, Journal of Earthquake Engineering 2. G. Tönük & A. Ansal (2023): Probabilistic seismic microzonation for ground shaking intensity, A case study in Turkey, J Seismol (2023) 27:863–874 3. G. Tönük & A. Ansal (2022): Factors Affecting Site-Specific Response Analysis, Journal of Earthquake Engineering, Vol.26, Issue 16, pp.8629-8646 4. M.F.Fard, A.Erken, B.Erkmen, A.Ansal (2021) Analysis of Offshore Wind Turbine by considering Soil-Pile-Structure Interaction: Effects of Foundation and Sea-Wave Properties, Journal of Earthquake Engineering, V26, Issue.14 5. Khanbabazadeha, H., Iyisan, R., Ansal, A., and Zulfikar, C. (2018). Nonlinear dynamic behavior of the basins with 2D bedrock. Soil Dynamics and Earthquake Engineering, 107, pp. 108-115. 6. H. Khanbabazadeh, R. Iyisan, A. Ansal, M.E. Hasal (2016) “2D Nonlinear Seismic Response of the Dinar Basin, Turkey”, Soil Dynamics and Earthquake Engineering, 89:5-11 7. G. Tönük, A. Ansal, A. Kurtuluş, B. Çetiner (2013) “Site Specific Response Analysis for Performance Based Design Earthquake Characteristics” Bulletin of Earthquake Engng, 12(3): 1091-1105 8. D. D’Ayala, A. Ansal (2012) Non linear push over assessment of heritage buildings in Istanbul to define seismic risk, Bulletin of Earthquake Engineering, 10(1): 307-330 9. V.Okur, A. Ansal (2011) Evaluation of Cyclic Behavior of Fine-Grained Soils Using the Energy Method, Journal of Earthquake Engineering, 15: 4, 601 — 619 10. A. Ansal, A. Kurtuluş, G. Tönük (2010) "Seismic microzonation and earthquake damage scenarios for urban areas" Soil Dynamics and Earthquake Engineering, V30: 1319-1328 11. S. Parolai, D. Bindi, A. Ansal, A. Kurtulus, A. Strollo, and J. Zschau (2010) " Determination of shallow S-wave attenuation by down-hole waveform deconvolution: a case study in Istanbul (Turkey)" Geophysical Journal International, 181(2): 1147–1158 12. Ansal A, Akinci A, Cultrera G, Erdik M, Pessina V., Tönük G., Ameri, G (2009) “Loss estimation in Istanbul based on deterministic earthquake scenarios of the Marmara Sea region (Turkey)” Soil Dynamics and Earthquake Engineering, 29(4), 699–709. 13. Altun, S., Göktepe, A.B., Ansal, A.M., Akgüner, C., (2009) "Simulation of torsional shear test results with neuro-fuzzy control system", Soil Dynamics and Earthquake Engineering, 29(2)253-260 14. Parolai, S., Ansal, A., Kurtuluş, A., Strollo, A., Wang, R.J., Zschau, J.,(2009) “The Atakoy vertical array (Turkey): Insights into seismic wave propagation in the shallow-most crustal layers by waveform deconvolution”, Geophysical Journal International, 178(3): 1649-1662 15. B. Şengezer, A. Ansal, and Ömer Bilen (2008) “Evaluation of parameters affecting earthquake damage by decision tree techniques”, Natural Hazards, Vol. 47, pp.547-568 16. H. Güllü, A. Ansal, A. Özbay (2008) “Seismic hazard studies for Gaziantep city in South Anatolia of Turkey”, Natural Hazards, 44:19-50 17. D.V. Okur, A. Ansal (2007) “Stiffness degradation of natural fine grained soils during cyclic loading”, Soil Dynamics and Earthquake Engineering 27 (9): 843-854

	<ol style="list-style-type: none"> 18. B.M.Sumer, A.Ansal, K.O.Cetin, J.Damgaard, A.R.Gunbak, N.E.O.Hansen, A.Sawicki, C.E.Synolakis, A.C.Yalciner, Y.Yuksel and K.Zen (2007) "Earthquake-induced liquefaction around marine structures", Journal of Waterway Port Coastal And Ocean Engineering-ASCE 133 (1): 55-82 19. B. Şengezer and A. Ansal (2007) "Probabilistic evaluation of observed earthquake damage", Natural Hazards, No. 40, pp.305-326 20. H. Kılıç, P.T.Özener, A.Ansal, M.Yıldırım, K.Özaydın, Ş.Adatepe (2006) "Microzonation of Zeytinburnu with respect to soil amplification: A case study", Engineering Geology, V86, 238-255 21. Ansal, A & Slejko, D (2001) "The Long And Winding Road From Earthquakes To Damage" Soil Dynamics and Earthquake Engineering, Vol.21, No.5, pp.369-375 22. Ansal,A, İyisan,R. & Yıldırım,H (2001) "The Cyclic Behaviour of Soils and Effects of Geotechnical Factors In Microzonation" Soil Dynamics and Earthquake Engineering, Vol.21, No.5, pp.445-452. 23. Ansal,A, İyisan,R, & Güllü,H (2001) "Microtremor Measurements for the Microzonation of Dinar", Pageoph, Special Issue, Vol.158, N.11. 2525-2541 24. Lav, M.A & Ansal, A (2001) "Regression Analysis of Soil Compressibility", Turkish Journal of Engineering & Environmental Sciences, Vol.25, N.2, pp.101-109. 25. E. Rathje, I.M. Idriss, P. Somerville, A. Ansal, J. Bachhuber, M. Baturay, M. Erdik, D. Frost, W. Lettis, B. Sozer, J. Stewart and T. Ugras (2000) "Strong Ground Motions and Site Effects", V.16, No. S1, 65-96. 26. J. D. Bray, J. P. Stewart, M. B. Baturay, T. Durgunoglu, A. Onalp, R. B. Sancio, J. P. Stewart, D. Ural, A. Ansal, J. B. Bardet, A. Barka, R. Boulanger, O. Cetin and D. Erten (2000) "Damage Patterns and Foundation Performance in Adapazari", V16, N. S1, 163-189 27. Yoshimine, M, Özay, R, Sezen, A, & Ansal, A (1999) "Undrained Plane Strain Shear Tests on Saturated Sand Using a Hollow Cylinder Torsional Shear Apparatus, Soils and Foundations, Vol. 39, No.2, pp. 134-136 28. Ansal, A & Erken, A (1996) "A Post Testing Correction for Membrane Compliance Effects on Pore Pressure", ASCE, Journal of Geotechnical Engineering, Vol.122, No.1, pp.27-38 29. Ansal, A & Erken, A (1989) "Undrained Behaviour of a Clay Under Cyclic Shear Stresses", ASCE Journal of Geotechnical Engineering Division, Vol.115, No.7, pp.968-983 30. Ansal,A, Ansal,H.K & Krizek,R.J (1987) "Modelling Cyclic Elastic Behaviour of Sands", Soil Dynamics and Earthquake Engineering, Vol.6, No.2, pp.90-99 31. Ansal,A, Bazant,Z.P & Krizek,R.J (1978) "Viscoplasticity of Normally Consolidated Clay", Journal of Geotechnical Engineering Division, ASCE, V.105, No.GT4, pp.519-537 32. Bazant,Z.P, Ansal,A & Krizek,R.J (1978) "Viscoplasticity of Transversely Isotropic Clays", Journal of Engineering Mechanics Division, ASCE, Vol.105, No.EM4, pp.549-565
Books and book sections	<ol style="list-style-type: none"> 1. A.Ansal, G. Tönük (2022) Site Characterization for Site Response Analysis in Performance Based Approach, Ch.1, Performance Based Design in Earthquake Geotechnical Engineering (Beijing 2022), Ed. W.Lanmin, Zhang Jian-Min, Rui Wang 2. A.Ansal, G. Tönük, A. Kurtuluş (2018) Implications of Site Specific Response Analysis, Ch.2, Recent Advances in Earthquake Engineering, Ed. Kyriazis Pitilakis 3. A.Ansal, G. Tönük, A. Kurtuluş (2017) Earthquake Engineering and Structural Dynamics in Memory of Ragnar Sigbjörnsson, Ch.3 A Simplified Approach for Site-Specific Design Spectrum, Springer Book Series on Geotechnical, Geological and Earthquake Engineering

4. A.Ansal (Ed) (2014) Perspectives on European Earthquake Engineering and Seismology Vol.1, & Vol.2 Springer Book Series on Geotechnical, Geological and Earthquake Engineering
5. A.Ansal and M.Sakr (Eds) (2012) Special Topics in Earthquake Geotechnical Engineering, Springer Book Series on Geotechnical, Geological and Earthquake Engineering
6. A.Ansal, G. Tönük, A. Kurtuluş (2011) Seismic Microzonation and Earthquake Scenarios for Urban Sustainability" Geotechnics and Earthquake Geotechnics towards Global Sustainability, Ch.9 Urban Microzonation, 151-168, Ed: S.Iai, Springer Book Series on Geotechnical, Geological and Earthquake Engineering
7. Garevski, M. and Ansal,A. (2010) Earthquake Engineering in Europe, Springer Book Series on Geotechnical, Geological and Earthquake Engineering
8. Atilla Ansal, Gökçe Tönük, and Aslı Kurtuluş, (2010) Microzonation for Earthquake Scenarios, Ch.3., Earthquake Engineering in Europe, Eds: Mihail Garevski & Atilla Ansal, Springer Book Series on Geotechnical, Geological and Earthquake Engineering, 45-66
9. Ansal A, Kurtuluş A & Tönük G (2009) "Earthquake Damage Scenario Software For Urban Areas" Computational Structural Dynamics and Earthquake Engineering, 2, 377-391, Book series: Structures and Infrastructures Series, Editor(s): Papadrakakis, M; Charmpis, DC; Lagaros, ND; Tsompanakis, Y
10. Ansal, A., Tönük, G., Kurtuluş, A., (2009) "Microzonation for urban planning", Earthquakes and Tsunamis - Civil Engineering Disaster Mitigation Activities - Implementing Millennium Development Goals, Book Series: Geotechnical Geological and Earthquake Engineering, Geotechnical Geological and Earthquake Engineering, Chapter. 11,133-155
11. A.Ansal, G.Tönük (2007) "Source and Site Effects For Microzonation", Earthquake Geotechnical Engineering, 4th International Conference on Earthquake Geotechnical Engineering-Invited Lectures, Springer Editor.K.Pitilakis, Ch.4, pp.73-92
12. A.Roca, C.S.Oliveira, A.Ansal and S.Figueras (2005) "Local Site Effects and Microzonation", Chapter 4 of Assessing and Managing Earthquake Risk, Eds.C.S.Oliveira, A.Roca, X.Goula of Book Series of Geotechnical, Geological and Earthquake Engineering, Editor in Chief A.Ansal
13. Ansal,A editor (2004) Recent Advances in Earthquake Geotechnical Engineering and Microzonation, Kluwer Academic Publishers,
14. Ansal,A, Biro,Y, Erken,A, & Gulerce,U. (2004) "Seismic Microzonation: A Case Study" Chapter 8, Recent Advances in Earthquake Geotechnical Engineering and Microzonation, Kluwer Academic Publications
15. Studer J, Ansal A. (2004) "Seismic Microzonation for Municipalities, Manual." Research Report for Republic of Turkey, Ministry of Public Works and Settlement, General Directorate of Disaster Affairs, World Institute for Disaster Risk Management, Inc.
16. Ansal A, Springman S, Studer J, Demirbaş E, Önalp A, Erdik M, Giardini D, Sesetyan K, Demircioglu M, Akman H, Fäh D, Christen A, Laue J, Buchheister J, Çetin Ö, Siyahi B, Fahjan Y, Gülkan P, Bakir S, Lestuzzi P, Elmas M, Köksal D, and Gökçe O. (2004) "Seismic Microzonation for Municipalities, Pilot Studies: Adapazari, Gölcük, Ihsaniye an Degirmendere." Research Report for Republic of Turkey, Ministry of Public Works and Settlement, General Directorate of Disaster Affairs, World Institute for Disaster Risk Management, Inc.
17. Ansal, A (editor) Lessons Learned From Recent Strong Earthquakes, Proceedings of Earthquake Geotechnical Engineering Satellite Conference, Aug. 2001

	18. Bazant, Z.P, Ansal, A & Krizek, R.J (1982) "Endochronic Models for Soils", Soil Mechanics, Transient and Cyclic Loads, John Wiley and Sons, Ch.15, pp.419-439
Proceedings	<ol style="list-style-type: none"> 1. Sadegzadeh, S. Ansal, A. (2023) 2. Ansal, A. (2021) Performance Based Geotechnical Earthquake Engineering, Keynote lecture, 9th Turkiye Earthquake Engineering Conference, Istanbul, Turkey 3. Ansal, A., Tönük, G., and Kurtuluş, A. (2019). Microzonation with Respect to Ground Shaking Intensity. Theme Lecture, 7th Int.Conf. on Geotechnical Earthquake Engineering 4. A. Ansal, G. Tönük, A. Kurtuluş (2018) Implications of Site Specific Response Analysis, Keynote Lecture, 16th European Conference on Earthquake Engineering, Thessaloniki, Greece 5. Massah Fard, M., Ansal, A., Erken, A., and Erkmen, B. (2018) Wave induced liquefaction around the perimeter of the pile, 16th European Conference on Earthquake Engineering, Thessaloniki, Greece 6. Fercan, Ö., Kurtuluş, A., Ansal, A., and Şafak, E (2018) Site response evaluations through vertical arrays in Istanbul, 16th European Conference on Earthquake Engineering, Thessaloniki, Greece 7. Ansal, A. and Tönük, G. (2018) Selection of earthquake input for site response analysis, 4th Joint Symposium: Seismic Actions for Designing Geotechnical Works: ISO-23469, ITU-JSCE-TCCE-JSCE/TR Section, pp.12-15, February 8. A. Ansal, Ö. Fercan, A. Kurtuluş, G. Tönük (2017) "2D Site Response Analysis of the Istanbul Rapid Response Network", Theme Lecture, PBD III, Vancouver, Canada 9. A. Ansal, G. Tönük, A. Kurtuluş (2017) "A Simplified Approach for Site Specific Design Spectrum", Keynote Lecture, Int. Con. on Earthquake Engineering and Structural Dynamics, in Honor of Prof. Ragnar Sigbjörnsson 10. A. Ansal, G. Tönük, A. Kurtuluş (2015) A probabilistic procedure for site specific design earthquake, Theme Lecture, 6th Int. Con. on Earthquake Geotechnical Engineering, Christchurch, New Zealand 11. Atilla Ansal; Gokce Tonuk; Asli Kurtulus (2015) "A methodology for site specific design earthquake" Proceedings of SECED 2015 Conference: Earthquake Risk and Engineering towards a Resilient World, Cambridge, UK 12. Ansal A, Tönük G & Kurtuluş A (2014). "Site Response From Istanbul Vertical Arrays And Strong Motion Network", Proceedings of 10NCEE, nees.org/resources/12584 13. A. Sezen, A. Ansal (2013) The Consolidation Behavior of The Clay-Core In A Rock Fill Dam - Atatürk Dam Case Study, 7th Int.Con. on Case Histories in Geotechnical Engineering, Chicago, USA 14. T. Uzunoglu, R. Saragoni, A. Ansal (2013) Structural Performance Objectives in Seismic Design of Industrial Constructions and Equipments, Vienna Congress on Recent Advances in Earthquake Engineering and Structural Dynamics, & 13.D-A-CH Tagung, Austria 15. A. Ansal, G. Tönük, A. Kurtuluş, B. Çetiner (2012) Effect of Spectra Scaling on Site Specific Design Earthquake Characteristics Based on 1D Site Response Analysis, Proceedings of 15WCEE, Lisbon 16. A. Ansal, G. Tönük, A. Kurtuluş (2011) "Site Specific Earthquake Characteristics for Performance Based Design", Invited Lecture, Proceedings of 5th International Conference on Earthquake Geotechnical Engineering, Santiago, Chile 17. A. Ansal, A. Kurtuluş, G. Tonuk, B. Çetiner (2011) "Site Specific Response Analysis And Vertical Arrays" 1st int. Conf. on "Urban Construction in Vicinity of Active Faults" 3-5. Sep. Tebriz 18. A. Ansal, A. Kurtuluş and G. Tonuk (2011) "Site Response from Istanbul Vertical Arrays and Strong Motion Network", ERTC-12 Workshop on Evaluation of EC8, Athens, Sept. 11 19. A. Kurtuluş, A. Ansal, E. Şafak, "Geotechnical Arrays Recently Deployed in Istanbul", Invited Lecture, Proceedings of 4th IASPEI / IAEE International Symposium: Effects of Surface Geology on Seismic Motion, Santa Barbara, USA, 24-25 August 20. A. Ansal, A. Kurtuluş and G. Tonuk (2010) "Earthquake Damage Scenarios For Urban Areas", Proceedings of 9th US National/10th Canadian Conference on Earthquake Engineering, Toronto,

21. Atilla Ansal, Gökçe Tönük, Aslı Kurtuluş, Mustafa Erdik, Stefano Parolai (2010) "Modeling The Observed Site Response From Istanbul Strong Motion Network", Fifth International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, San Diego, CA - May 24-29
22. Atilla Ansal, Dina D'Ayala, Aslı Kurtuluş and Gökçe Tönük (2010) "Site Specific Ground Motion Estimations For The Vulnerability Assessment Of Historic Buildings In Istanbul", Joint Conference Proceedings, 7th International Conference on Urban Earthquake Engineering (7CUEE) & 5th International Conference on Earthquake Engineering (5ICEE), Tokyo Institute of Technology, Tokyo, Japan
23. Atilla Ansal, Gökçe Tönük, Aslı Kurtuluş (2010) "Seismic Microzonation and Earthquake Scenarios for Urban Sustainability" Proceedings of Kyoto Seminar 2010 Geotechnics/Earthquake Geotechnics towards Global Sustainability, 141-151
24. A. Ansal, G.Tönük, and A.Kurtuluş (2009) Case Studies on Microzonation for Ground Shaking Intensity", Proceedings of the Geo-Informatics and Zoning for Hazard Mapping, Kyoto, Japan,
25. A. Ansal, G.Tönük, and A.Kurtuluş " (2009) Earthquake Hazard and Microzonation for Urban Planning" Proceedings of Balkan Seminar on Earthquake Engineering, Sofia, Bulgaria, pp.AA1-AA3
26. Ansal, A, Tönük, G (2009) "Site specific earthquake characteristics for performance based design", Keynote Lecture, Proceedings of International Conference on Earthquake Engineering, Seismology and Engineering Seismology Volume, pp.59-63, Banja Luka, Republic of Srpska, Bosna Hercegovina
27. D.D'Ayala and A. Ansal (2009)"Non linear push over assessment of historic buildings in Istanbul to define vulnerability functions" Proc. of the Conference on Earthquakes and Tsunamis - Civil Engineering Disaster Mitigation Activities-Implementing Millennium Development Goals., Paper No.128
28. A.Ansal, A.Kurtuluş & G.Tönük (2008) "Earthquake Loss Estimation Tool for Urban Areas" Geotechnical Earthquake Engineering and Soil Dynamics, May 18-22, 2008 Sacramento, Cal.
29. A.Ansal, A.Kurtuluş & G.Tönük (2008) "Damage To Water And Sewage Pipelines In Adapazari During 1999 Kocaeli, Turkey Earthquake" 6th International Conf. on Case Histories in Geotechnical Engineering, Arlington, VA, Paper No:3.17
30. Tönük,G. & Ansal,A. (2008) "Effects of Stress Reduction Factors on Liquefaction Analysis", Geotechnical Earthquake Engineering and Soil Dynamics, May 18-22, Sacramento, Cal.
31. Spence,R., So,E., Cultrera,G., Ansal,A., Pitilakis,K., Campos Costa,A., Tönük,G., Argyroudis,S., Kakderi,K., Sousa,M.L.(2008) "Earthquake loss estimation and mitigation in Europe: a review and comparison of alternative approaches", Proc. of World Conf. on Earthquake Engineering, Beijing China,
32. Okur, V., Altun, S. & Ansal, A. (2008) "Cyclic Failure of Cohesive Soils During 1999 Kocaeli Earthquake" Geotechnical Earthquake Engineering and Soil Dynamics, May 18-22, 2008 Sacramento, Cal.
33. V.Okur, S.Altun, and A.Ansal (2008) "The Variation of Pore Pressure Related with Failure in Fine-Grained Soils Under Uniform Cyclic Loadings", Proc. GeoCongress 2008 on "The Challenge of Sustainability in the Geoenvironment", New Orleans, Louisiana, ABD
34. A.Ansal, G.Tönük, & A.Kurtuluş (2008) "Microzonation with Respect to Ground Shaking Intensity and Seismic Damage Scenarios" International Conference on Geotechnical Engineering, Hammamet- Tunisia, March 24 - 26, 2008, Keynote lecture, pp.31-40
35. A.Ansal, G.Tönük, & Y.Bayraklı (2007) "Microzonation with respect to ground shaking intensity based on 1D site response analysis" XIV European Conference on Soil Mechanics and Geotechnical Engineering (ECSMGE 2007), Madrid, Spain
36. A.Ansal and G.Tönük (2007) "Stress Reduction Factors in Simplified Liquefaction Analysis", Proc. Workshop of the European Technical Committee-12 of ISSMGE on Geotechnical Evaluation and Application of the Seismic Eurocode-EC8, Madrid, İspanya
37. G.Tönük & A.Ansal (2007) "Site Response Nonlinearity Based On Case Studies" 4th International Conference on Earthquake Geotechnical Engineering, Paper No. 1543

38. S.Altun, V.Okur, A.B.Göktepe, A.Ansal (2007) "Comparison of Dynamic Properties of Clays Obtained by Different Test Methods", 4th International Conference on Earthquake Geotechnical Engineering, Paper No.1488
39. A.Ansal and G.Tönük (2007) "Ground Motion Parameters For Loss Estimation" Keynote Lecture, Fourth International Conference on Urban Earthquake Engineering, Tokyo Institute of Technology, Tokyo, Japan, pp.7-14
40. A.Ansal and G.Tönük (2007) "Stress Reduction Factors in Simplified Liquefaction Susceptibility Analysis", Fourth International Conference on Urban Earthquake Engineering, Tokyo Institute of Technology, Tokyo, Japan, pp.763-770
41. A.Ansal, G.Tönük, M.Demircioğlu, Y.Bayraklı, K.Şeşetyan, and M.Erdik, (2006) "Ground Motion Parameters for Vulnerability Assessment", Proceedings of the First European Conference on Earthquake Engineering and Seismology, Geneva,Switzerland, Paper Number: 1790
42. A.Ansal and G.Tönük (2006) "Nonlinearity of site response based on ground motion records" Proceedings of the Third International Symposium on the Effects of Surface Geology on Seismic Motion, Grenoble, France, Paper Number: 114
43. A.Ansal and G.Tönük (2006) "Evaluation of Liquefaction Susceptibility for Microzonation and Urban Planning", Proceedings of Int. Conf. on Geohazards - Technical, Economical and Social Risks, Lilihammer, Norway
44. E.Durukal, A.Ansal and G.Tonuk (2006) "Effect of Ground Motion Scaling and Uncertainties in Site Characterisation on Site Response Analyses" Proceedings of Eighth U.S. National Conference on Earthquake Engineering, San Francisco, California
45. A.Ansal, E.Durukal, and G.Tönük (2006) "Selection and Scaling of Real Acceleration Time Histories for Site Response Analyses", Proc. of ETC12 Workshop, Athens, Greece, pp.93-98
46. E.Durukal, A.Ansal and G.Tönük (2005) "Effect of Ground Motion Scaling in Site Response Analyses", Proc. of TC4 Satellite Conference on Recent Developments in Earthquake Geotechnical Engineering ,
47. Ansal and G.Tönük (2005) "Liquefaction Susceptibility and Microzonation" Keynote Lecture, Proc. of International Conference on Problematic Soils, 25-27 May 2005, Eastern Mediterranean University, Famagusta, N. Cyprus
48. A.Ansal, K.Özaydın, M.Erdik, M.Yıldırım, H.Kılıç, Ş.Adatepe, P.T.Özener, M.Tonaroğlu, K.Şeşetyan, M.Demircioğlu, (2005) "Seismic Microzonation For Urban Planning And Vulnerability Assessment", Proceedings of the International Symposium of Earthquake Engineering (ISEE2005), Awaji Island, Kobe, Japonya, Jan. 2005
49. Ansal,A (2004) "Microzonation for Active Seismic Regions for Risk Mitigation" Int. Symposium of Reconstruction, Instruction, and Guidance after the 921 Earthquake 1999, Mingdao University, Taiwan, pp. 1-20
50. Ansal,A, Erdik,M, Studer,J, Springman,S, Laue,J, Buchheister,J, Giardini,D, Faeh,D, & Koksal,D (2004) "Seismic Microzonation For Earthquake Risk Mitigation In Turkey" Proceedings of the 13th World Conference of Earthquake Engineering, Vancouver, Canada, CD paper No.1428
51. Okur,V & Ansal,A (2004) "Stress-strain characteristics of fine grained soils under cyclic loading" Int. Conference on Cyclic Behaviour of Soils and Liquefaction Phenomena, Bochum, Germany, 179-186
52. Ansal,A (2004) "Seismic Risk Management On The Example Of Mediterranean Countries: Earthquake Master Plan For Istanbul", Seismic Risk Management Issues in Montenegro and The Region, April 15, Podgorica, Montenegro
53. Ansal,A (2004) "Nonlinear soil models for site response; European experience" Int. Workshop on the Uncertainties in Nonlinear Soil Properties and their Impact on Modeling Dynamic Soil Response, Ca, USA
54. Ansal,A, Laue,J, Buchheister,J, Erdik,M, Springman,S, Studer,J, and Koksal,D (2004) "Site characterization and site amplification for a seismic microzonation study in Turkey" 11th Int. Conference on Soil Dynamics and Earthquake Engineering and 3rd Earthquake Geotechnical Engineering, San Francisco
55. Ansal,A, Oka,F & Rollins,K.M (2004)"Recent Earthquake Reports, General Report – Session 12" Fifth Int. Conf. on Case Histories in Geotechnical Engineering, New York

56. Ansal,A (2003) "Site and Source Factors in Seismic Microzonation" Proc. of Protection of Historical Structures and Monuments against Earthquakes, Crete, Greece
57. Ansal,A (2003) "Seismic Microzonation Based on Case Studies", Proc. of Int. Conf. in Earthquake Engng. to Mark 40 Years from Catastrophic 1963 Skopje Earthquake, Skopje, Rep. of Macedonia
58. Ansal,A (2002) "Impact of Microzonation Studies on Urban Planning and Their Effectiveness in Urban Vulnerability Reduction– Experience From Turkey" 3rd Int. Workshop on Earthquakes and Megacities, Nov. 2002, Shanghai, China, 187-196
59. Ansal,A (2002) "Seismic Microzonation Methodology" Proc. of 12th European Conf. on Earthquake Engineering, Paper No.830, London, UK
60. Ansal,A (2001) "Geotechnical Aspects of Seismic Assessment and Retrofit", 20th European Regional Earthquake Engineering Seminar, Sion, Switzerland, pp.9-22
61. Okur,V & Ansal,A (2001) "Dynamic Characteristics of Clays under Irregular Cyclic Loading" Lessons Learned from Recent Strong Earthquakes, Earthquake Geotechnical Engineering Satellite Conf., pp.267-270
62. Ansal,A (2000) "Geotechnical Factors During 17 August 1999 Kocaeli Earthquake", Proc. of Second European Workshop on The Seismic Behaviour of Asymmetric and Irregular Structures, Vol. 2, pp.415-424
63. Ansal,A, Toğrol,E, Kurtuluş,A, İyisan,R. & Okur,V. (2000) "Near Fault Site Effects During 1999 Kocaeli Earthquake", 6th Int. Conf. on Seismic Zonation, Ca., USA
64. Erdik,M, Ansal,A, Aydinoglu,N, Barka,A, Yüzügüllü,O, Birgoren,G, Swift,J, Alpay,Y & Sesetyan,K (2000) "Development of Earthquake Master Plan for The Municipality of Izmir" 6th Int.Conf. on Seismic Zonation, Ca, USA
65. Ansal,A, Togrol,E, Kurtuluş,A, İyisan,R. & Okur,V. (1999) "Near Fault Site Effects in Gölcük", Proceedings of Third Japan-Turkey Workshop, Eds. H.Boduroğlu, P.Özdemir, A.Ansal, A.İlkin, Vol. 2, pp.251-262
66. Güllü,H, İyisan,R & Ansal,A (1999) "A Study of Local Soil Conditions Effects on Structural Damage", Third Japan-Turkey Workshop on Earthquake Engineering, Eds. H.Boduroğlu, et. al, Vol. 2, pp.97-102
67. Okur,V & Ansal,A (1999) "Dynamic Characteristics of Clays", Third Japan-Turkey Workshop on Earthquake Engineering, Eds. H.Boduroğlu, P.Özdemir, A.Ansal, A.İlkin, Vol. 2, pp.45-52
68. Ansal,A (1999) "The Cyclic Behaviour of Soils and Effects of Geotechnical Factors During 17 August 1999 Kocaeli Earthquake", Earthquake Hazard and Risk in the Mediterranean Region, Nicosia, Vol.1, pp.89-104
69. Boduroğlu,H & Ansal,A (1999) "Accreditation of Engineering Education and Beyond" Engineering Education in the Third Millennium, Eds. G.Sağlam, A.Melezinek, S.İncecik, Leuchtturm-Verlag, pp.1045-1047
70. Ansal,A & Zlatović,S (1999) "Evaluation of Risk Factor for Slope Stability Analysis" 12th Africa Regional Conference on Soil Mechanics and Geotechnical Engineering, Balkema, Rotterdam, pp.429-433
71. Ansal,A (1999) "Strong Ground Motions and Site Amplification" Theme Lecture, 2nd Int.Conf. on Earthquake Geotechnical Engineering, Vol.3, pp.879-894, Ed.P.S.Pinto, Balkema, Rotterdam
72. Ansal,A (1998) "The effect of local soil conditions in earthquake characteristics", Proc. Int. Sem. on Natural Disaster Reduction for Roads in Mediterranean Countries, Istanbul, pp. 221-226
73. Ansal,A & Marcellini,A (1998) "Variability of source and site factors in seismic microzonation, State-of-the-art report", Proc. 11th European Conference on Earthquake Engineering, Paris, Balkema, Rotterdam, 12p.
74. Erken.A & Ansal,A (1998) "Liquefaction potential of sandy soils during 1992 Erzincan earthquake", Proc. 11th European Conference on Earthquake Engineering, Paris, Balkema, Rotterdam, 8p.
75. Ansal,A & İyisan,R (1998) "Uniform Risk in Site-Specific Seismic Hazard Analysis", XI Danube European Conference on Soil Mechanics and Geotechnical Engineering, Porec, Croatia, Balkema, pp.317-324
76. Ansal,A (1998) "A Site Specific Seismic Hazard Analysis", Proc. Japan-UK Risk Forum, Workshop on Implications of Recent Earthquakes on Seismic Risk, Tokyo Inst. of Technology, Tokyo, Japan, pp.37-45
77. Ansal,A, İyisan,R & Özkan,M (1997) "A Preliminary Microzonation Study for the Town of Dinar", Seismic Behaviour of Ground and Geotechnical Structures, Proc. of

- Special Technical Session on Earthquake Geotechnical Engineering, 14th ICSMFE, Hamburg, Balkema, Rotterdam, pp.3-9
78. Ansal,A, İyisan,R & Özkan,M (1997) “Microtremor Studies of Damage Distribution in Dinar”, Microzonation for Geotechnical Hazards, 1st Japan-Turkey Workshop on Earthquake Engineering, Istanbul, V.2, pp.124-130
 79. Ansal,A (1996) “Seismic Risk Analysis: An Engineering Perspective”, Japan-UK Risk Forum, Workshop on Implications of Recent Earthquakes on Seismic Risk, Imperial C, London, UK, pp.3-4 (invited lecture)
 80. Ansal,A (1996) “Summary of Discussions: Session (1), New Lessons on Geotechnical Hazards Learned from Recent Earthquakes”, First Int. Conf. on Earthquake Geotech. Engng, Tokyo, Vol.3, (invited paper)
 81. Ansal,A, Yıldırım,H & Erken,A (1995) “Cyclic Stress-Strain-Pore Pressure Behaviour of Soils” Proc. of Int. Symposium on 70 Years of Soil Mechanics, Istanbul, Vol.2, pp.43-71
 82. Erken,A & Ansal,A (1995) “Settlement in Sands Due to Cyclic Loading”, Eleventh African Regional Conference on Soil Mechanics and Foundation Engineering, Cairo, Vol. 3, pp.488-493
 83. Erken,A, Ansal,A, Yıldırım,H, Ülker,R, Sancar,T & Kılıç,C (1995) “Liquefaction of Silt and Sand Layers in Erzincan-Ekşisu”, First Int.Conf. on Earthquake Geotechnical Engineering, Tokyo, Vol.1, pp.13-18
 84. Ansal,A & Siyahi,B.G (1995) “Effects of Coupling between Source and Site Characteristics during Earthquakes” 5th SECED Conf. on 'European Seismic Design Practice' Chester, UK, pp.83-92
 85. Ansal,A & Lav,A.M (1995) “Geotechnical Factors in 1992 Erzincan Earthquake”, 5th Int. Conference on Seismic Zonation, Nice, Vol.1, pp.667-674
 86. Ansal,A (1995) “Cyclic Behaviour of Soils”, 18th European Regional Earthquake Engineering Seminar, Lyon, France, pp.107-132, (invited lecture)
 87. Siyahi,B.G & Ansal,A (1994) “Slope Instabilities During Earthquakes”, Proc. of 10th European Conference on Earthquake Engineering, Vol.1, pp.515-520
 88. Ansal,A (1994) “Effects of Geotechnical Factors and Behaviour of Soil Layers During Earthquakes”, State-of-the-Art Lecture, Proc. of 10th European Conference on Earthquake Engineering, Vol.1,pp.467-476
 89. Ansal,A & Siyahi,B.G (1994) “Microzonation For Landslides During Earthquakes” 2nd Int.Conf. on Earthquake Resistant Construction and Design, Berlin, Balkema, pp.151-157
 90. Ansal,A, Lav,A.M, İyisan,R & Erken,A (1994) “Effects of Geotechnical Factors in March 13,1992 Erzincan EQ”, Performance of Ground and Soil Structure During Earthquakes,13th ICSMFE,New Delhi,pp.49-54
 91. Erken,A & Ansal,A (1994) “Liquefaction Characteristics of Undisturbed Sands”, Performance of Ground and Soil Structure During Earthquakes, 13th ICSMFE, New Delhi, pp.165-170
 92. Siyahi,B.G. & Ansal,A (1993) Manual for Zonation on Seismic Geotechnical Hazard, TC4 Committee of ISSMFE, Japanese Society of Soil Mechanics and Foundation Engineering, pp.55-57
 93. Ansal,A (1993) “Cyclic Behaviour of Cohesive Soils, Liquefaction, Soil Amplification and a Case Study on the Effects of Geotechnical Factors in Erzincan 1992 Earthquake”, 17th European Seminar for Young Scientists and Designers in the Field of Earthquake Engng, Balkema, pp.121-132, (invited lecture)
 94. Ansal,A, Şengezer,B.S, İyisan,R & Gençoğlu,S (1993) “The Damage Distribution in March 13, 1992 Earthquake and Effects of Geotechnical Factors”, Soil Dynamics and Geotechnical Earthquake Engineering, Ed.P.Seco e Pinto, Balkema, Rotterdam, pp.413-434, (invited lecture)
 95. Ansal,A, Erken,A & Önalp,A (1992) “Liquefaction in Adapazarı During the 1967 Earthquake”, Workshop on Seismic Zoning Methodologies for Geotechnical Hazard, Lisbon, Portugal
 96. Ansal,A & Siyahi,B.G (1992) “Slope Failures in Adapazarı During the 1967 Earthquake” Workshop on Seismic Zoning Methodologies for Geotechnical Hazard, Lisbon, Portugal
 97. Caldeira,L, Ansal,A & Seco e Pinto,P.S (1992) ”Interpretative Model for Simple Shear Tests and Triaxial Tests by Endochronic Theory”, Portugese Soil Mechanics and Foundation Engng. Conf. (in Portugese)

98. Ansal,A & Lav,M.A. (1991) "Effect of Variability of Input Motion Characteristics on Ground Response Spectra" 4th Int. Conf. on Seismic Zonation, Stanford, California, ABD, V.2, pp.131-138
99. Ansal,A (1991) "Evaluation of Liquefaction Susceptibility", 5th Int. Conference on Soil Dynamics and Earthquake Engineering, Karlsruhe, Germany, 23-26 Eylül, pp.303-312
100. Ansal,A, & Lav,M.A (1991) "Effect of Earthquake Characteristics on Response of Soil Layers", 5th Int. Conf. on Soil Dynamics and Earthquake Engineering, Karlsruhe, Germany, pp.49-60
101. Ansal,A, Lav,M.A & Yıldırım,H (1991) "Geotechnical Aspects of Earthquake Engineering" Proc. of 16th Regional European Seminar on Earthquake Engineering, Stara Lesna, Balkema, pp.228-240
102. Ansal,A & Erken,A (1990) "Liquefaction Potential of Silty Sand Deposits", Proc. of 9th European Conf. on Earthquake Engineering, Vol.4-B,pp.71-80, Moscow
103. Ansal, A & Güneş,A.M (1990) "The 1894 Earthquake of Istanbul", 3rd Int. Workshop on Historical Earthquakes in Europe, Prague, Czechoslovakia, pp.263-271
104. Ansal,A & Tuncan,M (1989) "Consolidation in Clays due to Cyclic Stresses", Proc. of 12th Int. Conf. Soil Mechanics and Foundation Engineering, 12th ICSMFE, Rio de Jenerio, Brazil, Balkema, Vol.1, pp.3-6
105. Ansal,A & Yıldırım,H (1989) "Dynamic Shear Strength Properties of Golden Horn Clay", Proc. of Session on Influence of Local Conditions on Seismic Response, 12th ICSMFE, Rio de Jenerio, Brazil, pp.121-126
106. Ansal,A & Yıldırım,H (1988) "Shear Strength of a Marine Clay Subjected to Cyclic Loading", Proc. of 14th EAEE Regional Seminar on Earthquake Engineering, Austria pp.53-62
107. Ansal,A & Erken,A (1987) "Liquefaction of Silty Sand Deposits, A Parametric Study", 13th Regional Seminar on Earthquake Engineering, Istanbul, Vol.2, pp.500-518
108. Ansal,A, Ansal,H.K & Krizek,R.J (1987) "Modelling Cyclic Elastic Behaviour of Sands", Soil Dynamics and Earthquake Engineering, Vol.6, No.2, pp.90-99
109. Ansal,A (1987) "Modelling Behaviour of Anisotropic Clays", Proc. of Conference on Numerical Methods in Geomechanics, Strbske Pleso, Czechoslovakia
110. Ansal,A (1987) "Constitutive Relationships For Soil Dynamics", Strong Ground Motion Seismology, ed. E.Erdik and N.Toksöz, D.Reidel Publishing Com, Nato Advanced Study Institute, Ankara, pp.535-544
111. Ansal,A (1986) "Liquefaction and Reliquefaction", Proc. of 8th European Conference on Earthquake Engineering, Lisbon, Portugal, Vol. 2, pp.5.3/9-15
112. Ansal,A & Sağlamer,A (1986) "Dynamic Compaction of a Sand Deposit", Proc. of 14th Czechoslovakia Conf. on Building Foundations, Brno, Czechoslovakia, pp.49-57
113. Ansal,A (1985) "The Effects of Local Soil Conditions During Earthquakes", Proc. of 12th Regional Seminar on Earthquake Engineering, Halkidiki, Greece, 35 p.
114. Ansal,A (1985) "An Endochronic Model For Cyclic Behaviour", Special Volume on Constitutive Models for Soils, 11th Int.Con. on Soil Mechanics and Foundation Engineering, San Francisco, pp.123-127
115. Ansal,A, Bazant,Z.P & Krizek,R.J (1982) "Seismic Analysis of an Earthdam Based on Endochronic Constitutive Law", Int. Sym. on Numerical Models in Geomechanics, Zurich, Switzerland, pp.559-576
116. Ansal,A & Erken,A (1982) "Rate Dependent Behaviour of a Normally Consolidated Clay", Proc. of 7th European Conf. on Earthquake Engng, Athens, Vol.2, pp.329-336
117. Ansal,A, Elzaroughi,A.A, Krizek,R.J, & Bazant,Z.P (1980) "A Finite Difference Model for Liquefaction", Proc. of 7th World Conf. on Earthquake Engineering, Vol.3, pp.9-16
118. Ansal,A, Krizek,R.J & Bazant,Z.P (1980) "Prediction of Soil Behavior by Endochronic Theory" Limit Equilibrium, Plasticity, and Generalized Stress-Strain Behavior in Geotechnical Engineering, ASCE, pp.286-327
119. Bazant,Z.P, Ansal,A & Krizek,R.J (1980) "Critical Appraisal of Endochronic Theory for Soils" Limit Equilibrium, Plasticity, and Generalized Stress-Strain Behavior in Geotechnical Engineering, ASCE, pp.539-552
120. Ansal,A, Krizek,R.J & Bazant,Z.P (1980) "Endochronic Models for Soils", Proc. of Int. Symposium on 'Soils Under Cyclic and Transient Loading', Swansea, England, V.1, pp.475-476.

	<p>121. Ansal, A, Krizek, R.J & Bazant, Z.P (1978) "Endochronic Constitutive Law for Soils", Proceedings of 6th European Conf. on Earthquake Engineering, Dubrovnik, Yugoslavia, V.3, pp.9-14</p> <p>122. Krizek, R.J, Ansal, A & Bazant, Z.P (1978) "Constitutive Equation for Cyclic Behaviour of Cohesive Soils", Proc. of Spe. Conf. on Earthquake Engineering and Soil Dynamics, ASCE, Pasadena, Vol.2, pp.557-568</p>
<u>Publications in Turkish</u>	<ol style="list-style-type: none"> 1. Atilla Ansal "Zeminlerin Tekrarlı Gerilmeler Altında Davranışları ve Depremlerde Yerel Zemin Koşullarının Etkisi", 3. Hamdi Peynircioğlu Konuşması, Ord.Prof. Dr.-Ing Hamdi Peynircioğlu Konferansları, 1994-2008, 2010, 107-141 2. B. Yağci, A. Ansal (2009) "Balıkesir'de Mikrobölgeleme Uygulaması", İMO Teknik Dergi, 4583-4607 3. B. Yağci, A. Ansal (2008) "Mikrobölgeleme için yapay ve gerçek ivme kayıtlarının kullanımı", İTÜ Dergisi Mühendislik 4. A. Ansal, M. Erdik, N. Aydınoglu, E. Durukal, G. Tönük, A. Kurtuluş, M. Demircioğlu, K. Şeşetyan, U. Hancılar (2007) "İstanbul İçin Deprem Hasar Senaryoları" İnşaat Mühendisleri Odası İstanbul Şubesi Bülteni, Sayı 91, 12-16 5. S. Altun ve A. Ansal (2005) "Anizotropik Konsolide Zeminlerin Dinamik Davranışı" Teknik Dergi, İnşaat Mühendisleri Odası Cilt 16, Sayı 2, sf.3523-3546 6. Ansal, A, Erken, A, Yıldırım, H, İyisan, R, Okur, V, Güllü, H, Bayraklı, Y, Özçimen, N. (2000) "Zeminlerin Tekrarlı Gerilmeler Altında Davranışları ve 17 Ağustos Kocaeli Depremi" Türkiye Mühendislik Haberleri, Cilt 44, Sayı 404, sf.23-33 7. Ansal, A (1999) "Depremler, Yapılar ve İnsanlar" İstanbul Dergisi, Sayı 31, sf.31-41 8. Ansal, A (1999) Depremlerde Yerel Zemin Tabakalarının Davranışları, Bilim ve Teknik, TÜBİTAK Ankara, Sayı 384, sf. 64-68 9. Ansal, A (1995) "Mühendislik Tasarımında Depremsellik", Türkiye Mühendislik Haberleri, İnşaat Mühendisleri Odası, Sayı: 379, sf.26-32 10. Ansal, A ve Yıldırım, H (1986) "Killerin Dinamik Mukavemet ve Şekil Değiştirme Özellikleri", Deprem Araştırma Bülteni, Yıl 13, S.53, sf.49-78. 11. Yıldırım, H ve Ansal, A (1986) "Basit Kesme Deneyleri ve Kalıcı Şekil Değiştirmeler", İstanbul Teknik Üniversitesi Dergisi, Cilt 42, No.3-4, sf.1-6 12. Ansal, A ve Erken, A (1985) "Killerin Tekrarlı Gerilmeler Altında Davranışı", Deprem Araştırma Bülteni, Yıl 12, No.48, sf.5-81 13. Ansal, A (1982) "Kumlu Zemin Tabakalarında Sıvılaşma", Deprem Araştırma Enstitüsü Bülteni, Cilt 9, Sayı 37, sf.21-102. 14. Ansal, A (1982) "Kumların Tekrarlı Yükler Altında Gerilme Şekil Değiştirme Davranışları," Zemin, Türkiye Zemin Mekaniği ve Temel Mühendisliği Milli Komitesi Dergisi, C3, No 1, sf.7-18. 15. Ansal, A ve Ögünç, G. (1981) "Dinamik Üç Eksenli Sıvılaşma Deneyleri ve Tekrar Sıvılaşma", Deprem Araştırma Enstitüsü Bülteni, Cilt 8, No.35, sf.61-82 16. Ansal, A (1981) "Toprak Dolgu Barajların Deprem Analizinde Yeni Tip Yapısal Denklemler", Deprem Araştırma Enstitüsü Bülteni, Cilt 8, No.33, sf.27-50
<u>Conference papers in Turkish</u>	<ol style="list-style-type: none"> 1. A. Çelebi ve A. Ansal (2018) "Farklı deney aletlerinin killi zeminlerin kayma mukavemeti parametrelerine etkileri", Zemin Mekaniği ve Geoteknik Mühendisliği 17. Ulusal Kongresi, 26-28 Eylül 2018, İstanbul Üniversitesi 2. A. Ansal ve A. Çelebi (2017) "Kabarmaya eğilimli killi zeminlerin kabarma ve konsolidasyon özellikleri", 7. Geoteknik Semp., 22-24 Kasım 2017, İstanbul 3. A. Ansal (2014) İstanbul Deprem Senaryoları" İTÜ Vakfı Dergisi, Deprem Dosya 1, sf.16-26 4. A. Ansal, A. Kurtuluş, G. Tonuk, B. Çetiner (2012) "Zemin Büyütme Analizleri Ve Sahaya Özel Tasarım Depremi" Zemin Mekaniği ve Temel Mühendisliği Ondördüncü Ulusal Kongresi, Süleyman Demirel Üniversitesi, Isparta 5. A. Ansal, A. Kurtuluş, G. Tonuk (2011) "İstanbul Deprem Senaryoları" 4. İstanbul ve Deprem Sempozyumu Kitabı 6. Okan İlhan, Gökçe Tönük, Atilla Ansal "Yağmur suyunun yamaç stabilitesine etkisinin belirlenmesi üzerine bir yaklaşım", Zemin Mekaniği ve Temel Mühendisliği 15. Ulusal Kongresi, 16 - 17 Ekim 2014, Orta Doğu Teknik Üniversitesi, Ankara 7. A. Ansal, G. Tönük, A. Kurtuluş, (2011) "Zemin Büyütme Analizleri ve Sahaya Özel Tasarım Depremi Özelliklerinin Belirlenmesi", 1. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, 11-14 Ekim, Ankara

8. A. Ansal, A. Kurtulus, G. Tonuk (2011) "İstanbul Düşey Deprem Ağları Ve Zemin Davranış Analizleri", Çağrılı Konuşma, 7. Ulusal Deprem Mühendisliği Konferansı, 30 Mayıs-3 Haziran, İstanbul
9. Okur, V., Altun, S., Ansal, A. (2008)"Silt-kil zeminlerin, dinamik stabilite kayıplarının enerji yöntemine dayalı hesabi" Zemin Mekaniği ve Temel Mühendisliği Onikinci Ulusal Kongresi, Selçuk Üniversitesi, Konya
10. Atilla Ansal, Gökçe Tönük ve Aslı Kurtuluş (2007) "Yer Sarsıntısı Şiddetine Göre Mikrobölgeleme Ve Sismik Tehlike Senaryoları", Çağrılı Konuşma, Altıncı Ulusal Deprem Mühendisliği Konferansı, 16-20 Ekim 2007, İstanbul
11. Banu Yağcı, Atilla Ansal (2007) "Balıkesir için Mikrobölgeleme Çalışmaları", Altıncı Ulusal Deprem Mühendisliği Konferansı, 16-20 Ekim 2007, İstanbul
12. Gökçe Tönük ve Atilla Ansal (2007) Zeminin Doğrusal Olmayan Davranışına Vaka Analizleri İle Bakış, Altıncı Ulusal Deprem Mühendisliği Konferansı, 16-20 Ekim 2007, İstanbul
13. Volkan Okur, Selim Altun, Atilla Ansal (2007) "İnce Daneli Zeminlerde Çevrimsel Şekil Değiştirme", Altıncı Ulusal Deprem Mühendisliği Konferansı, 16-20 Ekim 2007, İstanbul
14. A. Ansal, M. Erdik, N. Aydınoglu, E. Durukal, G. Tönük, A. Kurtuluş, M. Demircioğlu, K. Şeşetyan, U. Hancılar (2007) "İstanbul İçin Deprem Tehlike Ve Hasar Senaryoları" TMMOB İstanbul Kent Sempozyumu Kitabı
15. A. Ansal (2005) "İstanbul'da Mikrobölgeleme" 3. İstanbul ve Deprem Sempozyumu, ss.58-72
16. Ansal, A. (2005) "Tüp Tünelde Sıvılaşma Olasılığı", İstanbul Ulaşımı ve Boğaz Geçişleri Sempozyumu Kitabı, İnşaat Mühendisleri Odası, İstanbul Şubesi
17. Okur, V ve Ansal, A (2004) "Doğal İnce Daneli Zeminlerin Dinamik Mukavemet Özelliklerinin Analizi" Zemin Mekaniği ve Temel Mühendisliği Onuncu Ulusal Kongresi, İstanbul Teknik Üniversitesi, İstanbul
18. Okur, V ve Ansal, A (2002) "Tekrarlı Gerilmeler Altında İnce Daneli Zeminlerde Oluşan Boşluk Suyu Basıncı Davranışları", Zemin Mekaniği ve Temel Mühendisliği 9. Ulusal Kongresi, Anadolu Üniversitesi, Eskişehir
19. Altun, S ve Ansal, A (2002) "Suya Doygun Kumlarda Tekrarlı Yükler Altında Toplam Ve Kalıcı Şekil Değiştirmeler ve İlave Boşluk Suyu Basıncının Gelişimi", Zemin Mekaniği ve Temel Mühendisliği 9. Ulusal Kongresi, Anadolu Üniversitesi, Eskişehir
20. İyisan, R, Gülerce, U, Yamanaka, H & Ansal, A (2002) "Kayma Dalgası Hızının Mikrotremor Ölçümleriyle Belirlenmesi" Zemin Mekaniği ve Temel Mühendisliği 9. Ulusal Kongresi, Anadolu Üniversitesi, Eskişehir
21. Güllü, H, Ansal, A & İyisan, R (2002) "Yerel Zemin Koşullarının Zemin Büyütmelerine Olan Etkisi Üzerine Bir Çalışma" Zemin Mekaniği ve Temel Mühendisliği 9. Ulusal Kongresi, Anadolu Üniversitesi, Eskişehir
22. Ansal, A (2001) "Depremlerde Yerel Zemin Tabakalarının Davranışları ve Sismik Mikro Bölgeleme" XV. Teknik Kongre, İnşaat Mühendisleri Odası
23. Ansal, A, Biro, Y, Erken, A, İyisan, R, Gülerce, Ü, Özçimen, N (2001) "İstanbul'da Bir Sismik Bölgeleme Uygulaması" İkinci İstanbul ve Deprem Sempozyumu Kitabı, İMO İstanbul Şubesi Yayını
24. İyisan, R, Ansal, A, Özçimen, N (2000) "Dinamik Zemin Özelliklerini Belirlemede Arazi Ölçümlerine Dayanan Korelasyonlar" Zemin Mekaniği ve Temel Mühendisliği 8. Ulusal Kongresi, İstanbul Teknik Üniversitesi, İstanbul
25. Ansal, A (1999) Depremlerde Yerel Zemin Tabakalarının Davranışları, Deprem Güvenli Konut Sempozyumu, MESA, Ankara, sf.49-56
26. Güllü, H, İyisan, R, Avci, J, Ansal, A (1998) "Geoteknik Mühendisliğinde Bir Coğrafik Bilgi Sistemi Uygulaması", Zemin Mekaniği ve Temel Mühendisliği Yedinci Ulusal Kongresi, Yıldız Teknik Üniversitesi, İstanbul
27. Ansal, A (1997) "İstanbul İçin Tasarım Deprem Özelliklerinin Belirlenmesi" Prof. Dr. Rifat Yarar Sempozyumu Kitabı, Cilt 1, sf. 233-244
28. Ansal, A, İyisan, R, Duman, F ve Eyidoğan, H (1997) "İstanbul'da Alınan Kuvvetli Yer Hareketi Kayıtlarının Özellikleri", 4. Ulusal Deprem Mühendisliği Konferansı, ODTÜ, Ankara, sf.22-29
29. İyisan, R, Ansal, A ve Kaya, N (1997) "Sismik ve Mikrotremor Sonuçlarının Karşılaştırılması", 4. Ulusal Deprem Mühendisliği Konf., ODTÜ, Ankara, sf.96-103

30. İyisan,R, Ansal,A, Sezen,A ve Özkan,M (1997) “Dinar'da Yapılan Mikrotremor Ölçüm Sonuçları”, 4.Ulusal Deprem Mühendisliği Konferansı, ODTÜ, Ankara, sf.104-111.
31. Sezen,A ve Ansal,A (1996) “Killerde Gerilme İzine Bağımlı Gerilme-Şekil Değiştirme Davranışının Modellenmesi”, Zemin Mekaniği ve Temel Mühendisliği 6. Ulusal Kongresi, İzmir, Cilt 1, sf.169-178
32. İyisan,R ve Ansal,A (1996) “Arazi Penetrasyon Deneysel Sonuçlarının Karşılaştırılması”, Zemin Mekaniği ve Temel Mühendisliği 6. Ulusal Kongresi, İzmir, C.1, 89-97
33. Erken,A, Ansal,A, Yıldırım,H, Kılıç,C & Kara,B (1996)“Erzincan - Ekşisuda Kumlu Siltli Zeminlerin Sıvılaşma Potansiyeli”, Zemin Mekaniği ve Temel Mühendisliği 6. Ulusal Kongresi, İzmir, C.2, sf.533-541
34. Siyahi,B.G, Hekimoğlu,S ve Ansal,A (1996) “Sıkıştırılmış Kil Zeminin Tekrarlı Şişme Davranışı”, Zemin Mekaniği ve Temel Mühendisliği 6. Ulusal Kongresi, İzmir, C.1, sf.179-189
35. Ansal,A ve Siyahi,B (1996) “Deprem Bölgelerinde Geoteknik Tehlikelere Göre Yerleşim Planlanması”, Habitat II, Sivil Toplum Örgütleri Forumu, ‘Doğal Afetler ve İnsan Yerleşimleri Politikaları Sempozyumu’, İstanbul
36. Ansal,A, Ürgüplü,M ve Öztürk,M (1996) “Bina İnşaatlarında Tasarım ve Yapım Sürecinde Denetim için Model Önerisi”, Erzincan ve Dinar Deneyimleri Işığında Türkiye'nin Deprem Sorunlarına Çözüm Arayışları TÜBİTAK Deprem Sempozyumu, TÜBİTAK, Ankara, sf.397-406
37. Siyahi,B.G ve Ansal,A (1996) “Deprem Tehlikesi Bulunan Bölgelerde Şev Stabilitesine Göre Mikrobölgeleme”, Erzincan ve Dinar Deneyimleri Işığında Türkiye'nin Deprem Sorunlarına Çözüm Arayışları TÜBİTAK Deprem Sempozyumu, TÜBİTAK, Ankara, sf.123-131
38. İyisan,R ve Ansal,A (1995) “Dinamik Zemin Özelliklerinin Belirlemede Ps Logging Yöntemi”, 3.Ulusal Deprem Mühendisliği Konferansı, İMO, İstanbul Şb, sf.635-644
39. Erken,A., Yıldırım,H., Sancar,T. Kılıç,C. ve Ansal,A(1995) “Erzincan Ekşisu'da Siltli Zeminlerin Dinamik Davranışı”, 3.Ulusal Deprem Mühendisliği Konf, İMO, İstanbul Şb, sf.607-614
40. Siyahi,B ve Ansal, A(1994) “Kohezyonlu Zeminlerde Deprem Sonrası Kayma Mukavemeti”, 3. Ulusal Deprem Mühendisliği Konferansı, İMO, İstanbul Şb., sf.682-691
41. Ansal,A ve Toğrol,E (1994) “Killerde Gerilme İzine Bağımlı Gerilme Şekil Değiştirme Özellikleri”, Zemin Mekaniği ve Temel Mühendisliği 5. Ulusal Kongresi, ODTÜ, Ankara, Cilt 1, sf.1-11
42. Erken,A, Alhas,E ve Ansal,A (1994)“Suya Doygun Siltli Kumların Depremler Sırasındaki Davranışları”, Zemin Mekaniği ve Temel Mühendisliği 5. Ulusal Kongresi, ODTÜ, Ankara, Cilt 1, sf.184-193
43. İyisan,R. ve Ansal,A (1994) “Zemin Dinamik Özelliklerinin Sismik Yöntemlerle Belirlenmesi”, Zemin Mekaniği ve Temel Mühendisliği 5. Ulusal Kongresi, ODTÜ, Ankara, Cilt 1, sf.173-183
44. Siyahi,B.G ve Ansal,A (1994) “Depremlerde Kayma Mukavemeti Azalmalarının Şev Stabilitesine Etkisi”, Zemin Mekaniği ve Temel Mühendis. 5. Ulusal Kong., ODTÜ, Ankara, Cilt 1, sf.194-205
45. Keskin,N, Yıldırım,H, Acar,C, Ülker,R & Ansal,A (1994) “Aşırı Konsolidasyon Oranının Zeminlerde Şişme Davranışlarına Etkisi”, Zemin Mekaniği ve Temel Müh. 5.Ulusal Kongresi, ODTÜ, Ankara, Cilt 1, sf.70-76
46. Peker,D ve Ansal,A (1994) “Deprem Kayıtlarının İstatistiksel Analizi” İnşaat Mühendisliğinde Bilgisayar Kullanımı IV.Sempozyumu, İTÜ İnşaat Fakültesi
47. Ansal,A (1993) “2000'li Yıllar Gümrük Birliği ve İnşaat Mühendisimiz” 2000'li Yıllar Gümrük Birliği ve İnşaat Sektörü Sempozyumu, İnşaat Mühendisleri Odası İstanbul Şubesi, sf.29-45
48. Ansal,A (1993) “Zemin Yapı İlişkisinde Zemin Koşullarının Önemi ve Güvenlik”, Proje ve Yapı Denetimi Sempozyumu, İMO, İzmir Şubesi, sf.29-46
49. Ansal,A, Altıneller,M, Akalın,M, Çelebi,H, Erciyeştepe,M, Gökçe,C, Kubilay,S, Öztürk,M ve Ürgüplü,M (1993) “Yapı Denetimi İçin Bir Model Önerisi”, Proje ve Yapı Denetimi Sempozyumu, İMO,İzmir Şubesi, sf.79-84
50. Ansal,A ve Sezen,A (1993) “Zonlu Dolgu Barajlarda Kil Çekirdeğin Konsolidasyon Davranışı”, DSI Dolgu Barajlarda Zemin Mekaniği Problemleri Semineri, İzmir, sf.47-59

51. Sezen,A ve Ansal,A (1993) “Killi Zeminlerin İstatistiksel Analizi” 6.Ulusal Kil Sempozyumu, Boğaziçi Üni., İstanbul, sf.345-356
52. Erken,A ve Ansal,A (1993) “Toprak Dolgu Barajlarda Sıvılaşma Nedenleri”, DSI Dolgu Barajlarda Zemin Mekanikliği Problemleri Semineri, İzmir, sf.1-11
53. Lav,A, Erken,A, İyisan,R ve Ansal,A (1993) “Erzincan'da Yerel Zemin Koşulları ve Yapısal Hasar Üzerindeki Etkisi”, Türkiye İnşaat Mühendisliği 12.Teknik Kongresi, Ankara, sf.25-39
54. Erken,A ve Ansal,A (1993) “Dinamik Yükler Altında Örselenmemiş Kumlu Zemin Numunelerinin Sıvılaşması”, Türkiye İnşaat Mühendisliği 12.Teknik Kongresi, sf.81-91, Ankara
55. Lav,A ve Ansal,A (1993) “Erzincan Depreminde Zemin Büyütmesi”, 2.Ulusal Deprem Mühendisliği Konferansı, sf.363-372, İstanbul
56. Erken,A, Ansal,A, Yıldırım,H ve Ülker,R (1993) “Erzincan Kentinde Yerel Zemin Koşulları”, 2.Ulusal Deprem Mühendisliği Konferansı, sf.355-363, İstanbul
57. İyisan,R ve Ansal,A (1993) “Erzincan'da Dinamik Zemin Özelliklerinin Kuyu İçi Sismik Yöntemlerle Belirlenmesi”, 2.Ulusal Deprem Mühendisliği Konferansı, sf.372-380, İstanbul
58. Erken,A, Ansal,A ve Önalp,A (1993) “Sıvılaşmaya Göre Mikrobölgeleme”, 2.Ulusal Deprem Mühendisliği Konferansı, sf.555-563, İstanbul
59. Siyahi,B.G ve Ansal,A (1993) “Depremlerde Şev Kaymalarına Göre Mikrobölgeleme”, 2.Ulusal Deprem Mühendisliği Konferansı, sf.563-573, İstanbul
60. Ansal,A (1992) “İnşaat Mühendisliği Eğitimi ve Sertifikalı Mühendislik”, 2000'li Yıllarda Mühendislik ve Mimarlık Toplantısı, İTÜ, İstanbul
61. Çelebi,A ve Ansal,A (1992) “Kalıcı Kayma Mukavemeti Parametreleri”, 4.Ulusal Zemin Mekanikliği ve Temel İnşaatı Kongresi, Cilt 1, sf.65-78, İstanbul
62. Keskin,N, Yıldırım,H ve Ansal,A (1992) “Killi Zeminlerde Yanal Şişme Davranışları”, 4.Ulusal Zemin Mekanikliği ve Temel İnşaatı Kongresi, Cilt 1,sf.14-30, İstanbul
63. Lav,M.A ve Ansal,A (1991) “Deprem Kaydının Özelliklerindeki Değişkenliğin Zemin Davranış Spektrumları Üzerindeki Etkisi”, Türk İnşaat Mühendisliği XI.Teknik Kongresi, Maçka, İstanbul, Cilt 1, sf.587-596
64. Şengezer,B.S ve Ansal,A (1991) “Mikro Bölgeleme İncelemelerinde Kabul Edilebilir Risk”, İnşaat Mühendisliği XI.Teknik Kongresi, Maçka, İstanbul, Cilt 1, sf.597-608
65. İyisan,R ve Ansal,A (1991) “Kayma Dalgası Hızlarının Arazide Bulunması”, Türk İnşaat Mühendisliği XI.Teknik Kongresi, Maçka, İstanbul, Cilt 1, sf.576-587
66. Lav,M.A ve Ansal,A (1991) “Killi Zeminlerde Şişme Basıncının Ampirik Olarak Bulunması”, 5. Ulusal Kil Sempozyumu, Anadolu Üni., Fen Edebiyat Fak. Yayın No: 25, Eskişehir, sf.318-329.
67. Ansal,A, Uludağ,E, ve Siyahi,B (1991) “Şev Analizlerinde Güvenlik Katsayısı, Göçme Riski, Maliyet İlişkisi”, Türkiye 1.Ulusal Heyelan Simpozyumu, Trabzon
68. Kın,A.S, Yasa,B, ve Ansal,A (1991) “Yatay Yükler Etkisindeki Kazıkların Hesabında Kullanılan Yatay Yatak Katsayılarının Belirlenmesi”, İnşaat Mühendisliğinde Zemin Simpozyumu, İMO, İzmir Şubesi, sf.45-73
69. Ansal,A (1991) “İstanbul'da Deprem”, İnşaat Mühendisleri Odası İstanbul Şubesi, İstanbul ve Deprem Simpozyumu. İstanbul, sf.7-27
70. Ansal, A (1990) “Zemin Yapı İlişkisi ve Yapı Güvenliği”, İnşaat Mühendisleri Odası İstanbul Şubesi 'Yapılarda Güvenlik' Paneli. İstanbul
71. Ansal, A ve İyisan,R (1990) “SPT-N Darbe Sayıları ile Kayma Mukavemeti İlişkisi”, Zemin Mekanikliği ve Temel İnşaatı 3.Ulusal Kongresi, İstanbul, Cilt 2, sf.303-314
72. Çelebi,A ve Ansal,A (1990) “Plastisitenin Çekme Mukavemetine Etkisi”, Zemin Mekanikliği ve Temel İnşaatı 3.Ulusal Kongresi, İstanbul, Cilt 1, sf.45-58
73. Ansal,A ve Yıldırım,H.(1990) “Kazık Yükleme Deneyine Uygulamadan Bir Örnek”, Zemin Mekanikliği ve Temel İnşaatı 3.Ulusal Kongresi, İstanbul, Cilt 2, sf.213-224
74. Ansal,A ve Çelebi,A (1990) “Yumuşak Kaya Dolgularda Mukavemet Özellikleri”, Zemin Mekanikliği ve Temel İnşaatı 3.Ulusal Kongresi, Cilt 1, sf.25-44
75. Çelebi,A ve Ansal,A(1989) “Gerilme İzinin Kohezyonlu Zeminlerin Gerilme Şekil Değiştirme ve Mukavemet Özellikleri Üzerindeki Etkisi”, Türkiye İnşaat Müh. 10. Teknik Kongresi, C2, sf.359-374.
76. Ansal,A ve Güneş,A.M.(1989) “Hasar Azaltılması ve Yıkılabilirlik Analizlerinde Mikrobölgelemenin Önemi”, Türkiye İnşaat Mühendisliği 10. Teknik Kongresi, Cilt 2, sf.345-358

77. Çelebi,A, Ansal,A ve Yıldırım,H(1989) “Kohezyonlu Zeminlerin Yüksek Basınçlar Altındaki Davranışları”, Türkiye İnşaat Mühendisliği 10. Teknik Kongresi, Cilt 2, sf.331-344
78. Erken,A ve Ansal,A(1989) “Tabii Zemin Tabakalarının Sıvılaşması”, Türkiye İnşaat Mühendisliği 10. Teknik Kongresi, Cilt 2, sf.317-330
79. Kara,B ve Ansal,A (1988) “Normal Konsolide Killerin Dinamik Mukavemet Özellikleri Üzerine Bir Çalışma”, 5.Mühendislik Haftası, Akdeniz Üniversitesi, İsparta Mühendislik Fakültesi
80. Ansal,A ve Erken,A (1988) “Şevlerde Stabilite Analizi”, İnşaat Mühendisliğinde Bilgisayar Kullanımı Sempozyumu, C1. sf.103-114
81. Ansal,A ve Tuncan,M (1987) “Killerde Tekrarlı Kayma Gerilmeleri Sonucu Meydana Gelen Konsolidasyon Oturmaları”, 3.Ulusal Kil Sempozyumu, Ankara
82. Yıldırım,H ve Ansal,A (1987) “Haliç Kilinin Geoteknik Özellikleri”, 3.Ulusal Kil Semp., ODTÜ, Ankara
83. Erken,A, Ansal,A ve Özarda,H (1987) “Killerde Deformasyon Kontrollü Dinamik Deneyler”, 3.Ulusal Kil Semp., ODTÜ, Ankara
84. Ansal,A ve Erken,A (1987) “Depremlerde Yerel Zemin Şartlarının Önemi”, Türkiye İnşaat Mühendisliği 9.Teknik Kong., C1, sf.165-182
85. Ansal,A (1987) “Zeminler İçin Endokronik Yapısal Denklemler”, 5. Ulusal Mekanik Kongresi, Bursa, Cilt 1, sf.266-277
86. Güneş,A.M ve Ansal,A (1987) “Konsolidasyon Özelliklerinin İstatistiksel Bir Değerlendirmesi”, Zemin Mekaniği ve Temel Mühendisliği 2. Ulusal Kongresi, İstanbul, Cilt 1, sf.15-28
87. Ansal,A ve Sağlamer,A (1987) “Dinamik Kompaksiyon Uygulamasına Bir Örnek”, Zemin Mekaniği ve Temel Mühendisliği 2. Ulusal Kongresi, İstanbul, Cilt 2, sf.349-360
88. Tanrıverdi,M ve Ansal,A (1987) “Yatay Yükler Altında Kazık Davranışlarıyla İlgili Parametrik Bir Çalışma”, Zemin Mekaniği ve Temel Mühendisliği 2. Ulusal Kongresi, İstanbul, Cilt 1, sf.219-234
89. Ansal, A ve Tuncan,M (1987) “Killerde Tekrarlı Kayma Gerilmelerinin Yol Açtığı Konsolidasyon Oturmaları”, Zemin Mekaniği ve Temel Mühendisliği 2. Ulusal Kongresi, İstanbul, Cilt 1, sf.113-120
90. Erken,A ve Ansal,A (1987) “Drenajlı Üç Eksenli Basınç Deneylerinde Membranın Etkisi”, Zemin Mekaniği ve Temel Mühendisliği 2.Ulusal Kongresi, İstanbul,Cilt 1, sf.29-46
91. Yıldırım,H. ve Ansal,A (1987) “Tekrarlı Gerilme Genlik ve Frekanslarının Killerin Davranışlarına Etkisi”, Zemin Mekaniği ve Temel Mühendisliği 2. Ulusal Kongresi, İstanbul, Cilt 1, sf.255-271
92. Ansal,A (1987) “Şevlerde Risk Analizi”, DSİ Yamaç ve Şevlerin Stabilitesi Dayanma Yapıları Semineri, Samsun, Cilt 2, sf.36/1-36/16
93. Ansal,A (1986) “Tünellerde Deprem Kuvvetlerinin Etkisi”, DSİ Tünellerin Projelendirilmesi ve İnşası Semineri, Adana, Cilt 2, sf.32/1-32/16
94. Ansal,A (1986) “Yerel Zemin Koşullarının Yapısal Davranışa Etkisi”, İ.T.Ü.İnşaat Fakültesi ve İnşaat Mühendisleri Odası İstanbul Şubesi Eğitim Seminerleri, İstanbul, 39 s.
95. Ansal,A (1986) “Depremlerde Yerel Zemin Koşullarının Yapısal Hasara Etkisi”, Yapı Endüstri Merkezi Deprem Semineri, İstanbul, sf.1-35
96. Erken,A ve Ansal,A (1985) “Killerin Dinamik Özellikleri Üzerine Frekansın Etkisi”, II.Ulusal Kil Sempozyumu, Ankara, sf.315-328
97. Ansal,A ve Yıldırım,H (1985) “Killerin Tekrarlı Yükler Altında Kayma Mukavemeti”, II.Ulusal Kil Sempozyumu, Ankara, sf.329-342
98. Ansal,A (1985) “Zeminlerin Dinamik Davranışı”, Deprem Mühendisliğine Giriş, Sismoloji ve Zemin Dinamiği, Yapı ve Deprem Uygur Merkezi Eğitim Semineri, İstanbul Teknik Üniversitesi, 69 s.
99. Ansal,A, Erken,A ve Yıldırım,H (1984) “Zeminlerin Deprem Yükleri Altında Davranışlarının İncelenmesi”, Türkiye'de İnşaat Mühendisliği Alanındaki Gelişmeler Kongresi, İstanbul,Cilt 2,sf.75-86
100. Ansal,A, Erken,A ve Yıldırım, H (1984) “Depremlerde Zemin Tabakalarının Davranışlarına Dinamik Zemin Özelliklerinin Etkisi”, 1.Kuzeydoğu Anadolu Deprem Sempozyumu, Erzurum, sf.1-16

	<p>101. Ansal, A & Ülker, Z (1984) “Zemin Koşullarının Yapısal Hasara Etkisi, Erzurum-Kars Depreminden Bazı Gözlemler”, Erzurum-Kars ve Erzincan Depremleri Simpozyumu, Deprem Araştırma Enstitüsü, Ankara</p> <p>102. Ansal, A (1981) “Zemin Davranışlarının Endokronik Yapısal Denklemlerle Modellenmesi”, Zemin ve Temel Mühendisliği, 1. Ulusal Kongresi, Ankara, sf.81-92</p> <p>103. Ansal, A, Kumbasar, V, Ülker, R, Erguvanlı, A, Özyayın, K ve İncecik, M (1978) “Bir Karayolu Yarmasında Şev Hareketi”, Türkiye İnşaat Mühendisliği 7. Teknik Kongresi, Ankara, sf.237-246</p>
<p><u>MAJOR RESEARCH AND ENGINEERING PROJECTS</u></p>	<ul style="list-style-type: none"> • Assessment of site-specific seismic hazard and design earthquake characteristics for the cement jetty facilities in East Timor, August 2018 • Assessment of earthquake seismic hazard and design basis ground motion for Kuwait new water centre (NWC) project, May 2016 • Partner in Joint Operational Programme “Black Sea Basin 2007-2013” Project on “A Scientific Network for Earthquake, Landslide and Flood Hazard Prevention “SciNetNatHazPrev” 2013-2015 • Summary report for 1D & 2D site response analyses for New Airport Site, Istanbul, Turkey, October 2015 • Assessment of design earthquake characteristics for Gediktepe project site, April 2015 • Assessment of probabilistic seismic hazard and design earthquake characteristics for Sedko 520 mw combined cycle gas turbine power plant site in Kirklareli, April 2014 • Partner in EU FP 7 Project titled “SERIES Seismic Engineering Research Infrastructures for European Synergies” 2009-2013 • Seismic Hazard Assessment of the Akkuyu NPP Site Project, Studies related to Design Basis Ground Motion for Units 3 and 4, Feb.2013 • Assessment of Seismic Hazard and Risk in Emirates of Abu Dhabi Project, Studies related Mapping of Ground Motion Parameters and Amplification Potential, Microzonation of Liquefaction Susceptibility, Site Characterization and Site Response Analyses of Selected Critical and Unique Structures, Accelerograph Stations and Seismic Monitoring Network, 2010-2012 • Seismic Hazard and Design Earthquake Characteristics for Socar & Turcas Aegean Refinery Site Aliğa, Izmir, May 2011 • Coordinator for TUBITAK Project on "Monitoring and Modelling Local Site Response During Earthquakes based on Vertical Strong Motion Arrays", 2008-2011 • Coordinator in EU FP 7 Project titled “Istanbul Urban Earthquake Test Site (URBANQUAKE)”, 2007-2011 • Design Recommendations for The Egemer Power Plant Site In Erzin, Hatay, February 2010 • Inventorization and Multi-Hazard and Earthquake Performance Evaluation of the Cultural Heritage Buildings In Istanbul, October-February 2008, World Bank Pilot Project • Microzonation for Site Conditions for Dubai City, Jan.- June 2008 • Coordinator for Microzonation of 6 Municipalities in the World Bank Pilot Project MERM, April-December 2005 • Partner in EU Framework 6 Project titled “LESSLOSS, Risk Mitigation for Earthquakes and Landslides”, 2004-2007 • General Coordinator for the “Istanbul Earthquake Master Plan Project” November 2002-July 2003 • Coordinator of Research and Manual Tasks for the Int. DRM-MERM Project on “Microzonation for Earthquake Risk Mitigation”, April 2002 – June 2003 • Seismic Hazard and Microzonation and for Silivri Municipality, Istanbul, 2002-Jan. 2003 • Seismic Hazard and Microzonation and for the city of Balıkesir, Dec. 2001

- Seismic Hazard and Design Earthquake Characteristics For Izmit Tüpras Refinery, DHRP Site, Sep. 2001
- Evaluation of Seismicity, Seismic Risk and Design Earthquake for Izmit Bay Crossing, Sep. 2000
- Earthquake Hazard and Microzonation of Bağcılar Municipality, Istanbul, Feb. 2000
- Earthquake Scenario for the Greater Izmir Municipality, 1997 - 1999
- Seismic Hazard and Design Earthquake Characteristics for Aliğa-İzmir Combined Cycle Power Plant, 1999
- Seismic Hazard and Design Earthquake Characteristics for Gebze-Adapazarı Combined Cycle Power Plant, 1999
- Seismic Hazard and Design Earthquake Characteristics for Derince Container Terminal, March 1999
- Seismic Hazard and Geotechnical Investigation of North Marmara Offshore Platform, November 1996
- Determination of Seismic Risk, Earthquake Forces and Characteristics for Safe and Economical Structural Design in Istanbul Metropolis, TUBITAK/DPT Project, 1992-1996
- Seismic Risk and Design Earthquake Characteristics for TEAŞ Bursa Combined Cycle Power Plant Site, July 1996
- Preliminary Evaluation of Seismicity, Seismic Risk and Design Earthquake Characteristics for Izmit Bay Crossing of Istanbul Bursa Expressway, Vinsan A.Ş. Nov. 1995.
- Seismicity and Soil Amplification of the Site for Yapi Kredi Bank Complex in Gebze, Nov. 1994
- Seismicity, Seismic Risk, Soil Amplification and Design Earthquake for Is Bank Site, Istanbul, Oct. 1994
- Seismicity and Liquefaction Potential of the in Izmit Tüpras Refinery, Sep. 1993.
- Geotechnical and Seismicity Report for A Culture Center in Askabat Turkmenistan, July 1993
- Seismicity and Site Response Analysis for Istanbul Culture Center in Maslak, Istanbul, June 1993.
- Settlement - Time Behavior in Clay Core of Atatürk Earthdam, May 1993.
- Evaluation of Seismicity and Site Response Analysis for Eczacıbasi Atrium, Istanbul, May 1992.
- Seismicity and Liquefaction Potential of Toyotasa Adapazari Factory Site, 1992
- Istanbul Technical University Research Funds, “The Effect of Variability of Earthquake Characteristics and Numerical Methods of Analysis on Design Spectra”, 1991-1993.
- Istanbul Technical University Research Funds, “Measurement and Interpretation of Seismic Wave Velocities by Cross-Hole Method”, 1991-1994.
- Evaluation of Seismicity and Liquefaction Potential for Borçelik Cold Mill Plant Site in Gemlik, June 1990.