

COMMEMORATION DAY**Sunday, August 16-17, 2009**

10:00 am Prof. Dr. Baki Komsuođlu Congress Center, Foyer	Registration
6:00 pm	Transportation to Gölcük Town
7:30 pm	Commemorative Ceremony to be Held in Gölcük Town
3:02 am	Commemoration Ceremony
4:00 am	Transportation to the Hotels

OPENING DAY Monday, August 17, 2009	
1:00 pm	Opening Speeches
Main Hall	<p>Formal Welcome and Opening Speeches by Government, City Officials and Leaders of Organizing Committee</p> <ul style="list-style-type: none"> • Prof. Dr. Mithat Firat ÖZER, Symposium Chairman • Kenji HIRAI, General Director of Crisis Management Officer, City of Kobe • Tekin KÜÇÜKALİ, Chairman of Turkish Red Crescent • Prof. Dr. Sezer ŞENER KOMSULOĞLU, Rector of Kocaeli University • İbrahim KARAOSMANOĞLU, Mayor of Kocaeli Metropolitan Municipality • Hasan İPEK, Director of Disaster and Emergency Management Directorate of Turkey • Rifat HISARCIKLIOĞLU, Chairman of The Union of Chambers and Commodity Exchanges of Turkey • Gökhan SÖZER, Governor of Kocaeli • Mustafa DEMİR, Minister of Public Works and Settlements
2:15 pm	<p>Keynote Speaker: Prof. Dr. Jochen Zschau, GFZ German Research Centre for Geosciences, Potsdam, Germany</p> <p><i>“Turkish-German Project on Earthquake Research: Lessons Learned”</i></p>
3:00 pm	Coffee Break
3:30 pm	<p>Panel Discussion: “IS TURKEY READY TO A FORTHCOMING DISASTER?”</p> <p>Undoubtedly the 1999 Marmara earthquakes creating a wave of changes in policies, planning, and actions and have transformed the perception and attitude of both institutions and the general population about the earthquake risk that they face. But, how far has the journey progressed in preparedness and mitigation? Is Turkey ready to face the “Big One” that is predicted to hit Istanbul? This high level panel, representing a wide range of stakeholders will provide an account of where things stand 10 years after the earthquakes. What has been achieved and what remains to be done? What are the short term priorities? Where are the bottlenecks? How can a common agenda be developed in view of the complexity of the issues and the conflicting interests? How can the common good be best served? How can the “tough” issues be resolved? Participants will be invited into the discussion.</p> <p>Chairperson: Prof. Dr. Sezer ŞENER KOMSULOĞLU, Rector of Kocaeli University</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Hasan İPEK, Director of Disaster and Emergency Management Directorate of Turkey • Mustafa TAYMAZ, Director of General Directorate of Disaster Affairs • Ömer TAŞLI, General Directorate of Turkish Red Crescent • Mustafa KUMLU, Chairman of Confederation of Turkish Trade Unions • Oğuz GÜNDOĞDU, Chairman of Union of Chambers of Turkish Engineers and Architects • Dr. Feride Bilgehan AKSU, Vice Chairman of Turkish Medical Association
8:00 pm	Welcome Reception
9:00 pm	Transportation to the Hotels

FIRST DAY (BEFORE NOON)

Tuesday, August 18, 2009 09:00 am – 14:00 pm

		PROF. DR. BAKİ KOMSUOĞLU CONGRESS CENTER		LIBRARY		MORFOLOJİ BİLDİNG	
		Main Hall (Simultaneous translation will be available in this Hall)	Akdeniz	Karadeniz	Ege	Marmara	Anadolu
SESSION TITLE Chairperson	Invited Speaker	“Special Session: Experiences from Japan” Şerif BARIŞ (ENG)			“The Effect of Earthquakes to the Court Cases and Earthquake Safety” Z.Gönül BALKIR (TR)	“The Earthquake Education of in and out-of School” Esmâ BULUŞ KIRIKKAYA (TR)	
09:00 – 09:15	Semih TEZCAN, Professor of Civil Engineering, Boğaziçi University, Turkey “Risk Management and P25 – Rapid Scoring Technique”	RECONSTRUCTION OR RELOCATION? ~PLANNING ISSUES OF LONG-TERM RECOVERY FROM EARTHQUAKE DISASTER I. NAKABAYASHI, T. ICHIKO			THE EARTHQUAKE SAFETY IN THE SWISS LAW SYSTEM Varol KARAASLAN	HIGH SCHOOL STUDENTS’ KNOWLEDGE AND IDEAS ABOUT EARTHQUAKES Gülşah BALI, Esmâ BULUŞ KIRIKKAYA, BOZKURT	
09:15 – 09:30		KOBE Kenji HIRAI			WHO ARE REQUIRED TO ARRANGE A COMPULSORY EARTHQUAKE INSURANCE IN TURKEY? Nuray BARLAS	“NATURAL DISASTERS COURSE” PROPOSAL FOR HIGHER EDUCATION UNDERGRADUTE PROGRAMS Gülşen ÖZTÜRK, Yıldız ULUSOY	
09:30 – 09:45		KOBE Yosushi IWASAKI			THE EFFECT OF EARTHQUAKE ON ACTIVITIES OF COMMERCIAL COMPANIES AND BUILDING COOPERATIVES Fatma ÖZCAN	A STUDY ON HIGH SCHOOL STUDENTS’ ATTITUDES TOWARDS EARTHQUAKES: AN EXAMPLE OF GİRESUN Neşet BAYRAM, İ.H. TOMAR, Mustafa CİN	
09:45 – 10:00	Nobuo HURUKAWA, Ph.D., Director of International Institute of Seismology and Earthquake Engineering (IISEE), Japan “Joint Hypocenter Determination for Better Understanding of Earthquakes”	TOKYO Yoshikazu NAKAHAMA			IN THE WORKING LIFE AUGUST 17 EARTHQUAKE EFFECTS OF GENDER DISCRIMINATION Candan ALBAYRAK	SOCIAL AND PSYCHOLOGICAL IMPACTS OF 1999 DÜZCE EARTHQUAKE ON HIGH SCHOOL STUDENTS Muammer TUNA, C. TOPKARA	
10:00 – 10:15		JICA Emin ÖZDAMAR			THE EFFECTS OF EARTHQUAKES ON INCOME TAXES: A LEGAL PERSPECTIVE Aziz TAŞDELEN	A DEVELOPMENTAL GUIDANCE APPLICATION SAMPLE TOWARDS 6-16 AGE GROUP IN 17 AUGUST 1999 KOCAELİ EARTHQUAKE Yıldız ULUSOY, Gülşen ÖZTÜRK	
10:15 – 10:30		TOKYO İnan ÖNER				AN INVESTIGATION OF AWARENESS AND ATTITUDE LEVEL FOLLOWING FORMAL DISASTER EDUCATION OF KOCAELİ UNIVERSITY STUDENTS Serpil GERDAN, Oya ÇAKIN	
10:30 - 11:00	COFFEE BREAK						

SESSION TITLE Chairperson	PANEL (Simultaneous translation will be available in this Hall)	“Earth Science A” Bülent TANK (ENG)	“Engineering A” Semih TEZCAN Ergün ÖZTÜRK (TR)	“Issues Arising from the Earthquake Damage and Time-out” Seyithan DELİDUMAN (TR)	“Disaster Reduction, Economic and Social Support” Yücel DEMİRER (TR)	
11:00 - 11:15	PRESENTATION WORKSHOP: “DESIGN FOR EARTHQUAKE IN EXISTING CONSTRUCTION STORAGE” Didem ERTERN BİLGİÇ, Rüveyda KÖMÜRLÜ, Ahmet Kıvanç KUTLUCA, Ergin ÖZTEKİ	THE N-S EXTENSIONAL FEATURES IN SW TURKEY AS CONSTRAINED BY THE GPS AND SEISMOLOGY DATA Ali PINAR, Mehmet YILMAZER, E. CANBAY, Selda ALTUNCU	RESTRAINED SHRINKAGE: AN ENEMY CRYPTIC Sevket ÖZDEN, E. AKPINAR H. MEYDANLI ATALAY	EARTHQUAKE DAMAGES TO REAL PROPERTY AND LEGAL RESPONSIBILITIES Gönül BALKIR	REMIEDIATING MISCONCEPTIONS CONCERNING MAGNITUDE AND INTENSITY OF AN EARTHQUAKE THROUGH CONCEPTUAL CHANGE MATERIAL Mustafa CİN, H. KARA, A. DEMİR	
11:15 – 11:30	PANEL DISCUSSION 1 : “DESIGN FOR EARTHQUAKE IN EXISTING CONSTRUCTION STORAGE”	DID ATATÜRK DAM TRIGGER THE EARTHQUAKE OF 3 SEPTEMBER 2008? Haluk EYİDOĞAN, V. GEÇGEL	VERTICAL GROUND MOTION INFLUENCE ON SEISMICALLY ISOLATED&UNISOLATED BRIDGES Uğurhan AKYÜZ, N.E. REYHANOGULLARI	EARTHQUAKE CASES AND STATUTE OF LIMITATIONS PROBLEMS İsa DÖNER	RISKS RELATED NON STRUCTURAL MATERIALS AT THE MUSEUMS Alpaslan H. KUZUCUOĞLU	
11:30 – 11:45	The "International Earthquake Symposium Kocaeli 2009" will cover the "Design for Current Stock Structure (in pre) - Earthquake" summer workshop under the coordination of "Kocaeli University Faculty of Architecture and Design" and assistance of "NURUS Office Furniture Inc." and "The Chamber of Architects of Kocaeli" (UCTEA-Union of Chambers of Turkish Engineers and Architects) between the dates of August 7 and 16. The data gathered at the workshop will be presented to the participants at the symposium at their disposal. The data and results of the workshops will be submitted in a panel after the presentations to be discussed and commented within their own perspectives by different disciplines.	RESPONSE OF SHALLOW AND DEEP GROUND WATERS TO THE İZMİT AND DÜZCE EARTHQUAKES OF 1999 Heiko WOİTH, R. WANG, M. WESTERHAUS, M. TEOMAN, A. PEKDEGER, Jochen ZSCHAU	VARIATIONS ON SEISMIC RESPONSE VIA VISCOUS DAMPER PLACEMENT IN PLANAR BUILDING STRUCTURES Baki ÖZTÜRK, E. AYDIN, Faruk POLAT	THE ISSUE OF THE PERIOD OF LIMITATIONS REGARDING THE CRIMINAL OFFENCES WHICH ARE CONNECTED WITH EARTHQUAKES Erol KARAASLAN	UNEARNED INCOME UNDER ALL CIRCUMSTANCE; THE GREATEST OPPORTUNITY IS EARTHQUAKE EARTHQUAKES IN TURKEY AND AGAIN DISTRIBUTION OF THE URBAN LAND UNEARNED INCOME Mihriban ŞENGÜL	
11:45 – 12:00		THE ARMUTLU NETWORK ARMNET-A CONTRIBUTION TO EARTHQUAKE HAZARD ASSESSMENT IN THE MARMARA REGION Birger G.-LÜHR, H. GROSSER, Heiko WOİTH, Jochen ZSCHAU, Şerif BARIŞ, T. Serkan IRMAK, Mithat Fırat ÖZER, Deniz ÇAKA, Süleyman TUNÇ, Berna TUNÇ, S. DONNER, E. GÜNTHER	EXAMINATION OF RELIABILITY OF LINEAR DYNAMIC ANALYSIS ON STRUCTURES OF DIFFERENT HEIGHTS Fuad OKAY, Kemal BEYEN, Serkan ENİN	GRANTING A DELAY FOR PAYMENT AND DISCONTINUANCE OF EXECUTION PROCEEDINGS IN EXTRAORDINARY CIRCUMSTANCES SUCH AS EARTHQUAKE (ARTICLE 317-330 OF TURKISH ENFORCEMENT AND BANKRUPTCY LAW) İbrahim AŞIK	NATURAL DISASTERS AND SOCIAL MEMORY Örgen UĞURLU	
12:00 – 12:15	Chairperson: Tevfik İLTER , The Chamber of Architects of Kocaeli, Vice Chairman of Administrative Committee Panelists: Murat ULUĞ , Kocaeli University, Fac. of Arch. and Design, Dep. of Arch. Erbil ÖZTEKİN , Civil Engineer/Technical Advisor Günkut BARKA , Civil Engineer/Turkish Precast Concrete Association, Chairman of Technical Committee Şevket ÖZDEN , Kocaeli University, Fac. Of Eng., Dep. of Civil Eng. Renan GÖKYAY , NURUS Company, Vice Chairman of Administrative Committee	ESTIMATION OF THE SOURCE PARAMETERS AND FREQUENCY DEPENDENT SHEAR WAVE ATTENUATION COEFFICIENT OF THE 18TH JUNE, 2007 KAHAK-QOM EARTHQUAKE IN NORTH CENTRAL IRAN Habib RAHİMİ, J. DOLOEI, H. HAMZEHLÖO	IDENTIFICATION OF THE DYNAMIC CHARACTERISTICS OF THE TOPOGRAPHIC STRUCTURES THROUGH TWO DIMENSIONAL NONLINEAR WAVE PROPAGATION ANALYSIS Kemal BEYEN	THE EFFECTS OF EARTHQUAKE ON LABOR CONTRACTS AS A EXTERNAL CAUSE Berfu GÜLER	EARTHQUAKE AS A SOCIAL RISK IN TERMS OF SOCIAL SECURITY RIGHT Gönül BALKIR, Berfu GÜLER	
12:15 – 12:30		GEOLOGICAL INPUT FOR QUANTITATIVE SEISMIC HAZARD ANALYSIS IN BURDUR AREA, SW TURKEY Chatzipetros ALEXANDROS, S. PAVLIDES, F. YAGMURLU, N. ÖZGÜR, Ali PINAR, Z. KAMACI, M. ŞENTÜRK, K. UYSAL, E. ŞENER			THE EFFECTS OF 17 AUGUST MARMARA EARTHQUAKE ON THE TURKISH ECONOMIC CRISIS OF 2000 NOVEMBER/2001 FEBRUARY Emine FIRAT	
12:30 – 14:00	LUNCH					

FIRST DAY (AFTER NOON)
Tuesday, August 18, 2009 14:00 am – 17:30 pm

		PROF. DR. BAKİ KOMSUOĞLU CONGRESS CENTER		LIBRARY		MORFOLOJİ BUILDING	
		Main Hall (Simultaneous translation will be available in this Hall)	Akdeniz	Karadeniz	Ege	Marmara	Anadolu
SESSION TITLE Chairperson	Invited Speaker	“Earth Science B” Nurcan ÖZEL (ENG)	“Engineering B” Şevket ÖZDEN Fuad OKAY (TR)	“Earthquake and Building Construction” Kamuran ÖZTEKİN (TR)			
14:00 – 14:15	Russ EVANS, British Geological Survey, UK <i>“A Review of the Kocaeli Earthquake of 1999, Comparison with the L’Aquila Earthquake of 2009, and an Exciting Opportunity to Integrate and Disseminate the Lessons Learned “</i>			EVALUATION OF CHANGES IN BUILDING CONSTRUCTION PROCESS (PLANNING-DESIGN- PRODUCTION) AFTER 1999 MARMARA EARTHQUAKE <i>Rüveyda KÖMÜRLÜ, Kamuran ÖZTEKİN</i>			
14:15 – 14:30				A STUDY ABOUT AN EVALUATION OF THE PERMANENT EARTHQUAKE HOUSING IN TERMS OF ADVISOR AND RESIDENT – AN EXAMPLE OF KOCAELI, GUNDOĞDU <i>Nilüfer TAŞ, Murat TAŞ, Nilay COŞGUN</i>			
14:30 – 14:45				INVESTIGATION ON EVOLUTION OF TURKISH HOME FURNITURE DESIGN WHICH HAS BEEN SHAPED UP BY SECTORAL AND CULTURAL FACTORS SINCE PREREPUBLICAN PERIOD, IN TERMS OF ENDURANCE TO EARTHQUAKE <i>Didem ERTEN BİLGİÇ</i>			
14:45 – 15:00	Nicole DURAN, Ph.D. Villanova University, Core Humanities Program, USA <i>“Culture and Disaster: A Personal Experience from 1999 East-Marmara Earthquake”</i>	THE ARMUTLU NETWORK – INVESTIGATING THE SEISMOTECTONIC SETTING IN THE ARMUTLU-YALOVA REGION <i>Serif BARİŞ</i>	CALCULATION COLLAPSE LOAD OF STRUCTURE FRAMES <i>S. OĞUZ, Perihan EFE</i>	A REVIEW OF AUGUST 17 EARTHQUAKE’S EFFECTS ON HOUSING PRODUCTION AND DESIGN <i>Rüveyda KÖMÜRLÜ, Kamuran ÖZTEKİN</i>			
15:00 – 15:15		THREE-DIMENSIONAL IMAGING OF THE ELECTRICAL RESISTIVITY STRUCTURE AT THE VICINITY OF DUZCE EARTHQUAKE, TURKEY <i>Bülent TANK Y. OGAWA, Y. HONKURA, M.K.TUNCER, T.KAYA, M. MATSUSHIMA</i>	INVESTIGATION OF EFFECT OF SHEAR WALL CONTINUITY TO STRUCTURAL CAPACITY <i>Burak YÖN, M.E. ÖNCÜ</i>	ASSESSMENT ON “SOFT” AND “HARD” STRATEGIES FOR FLEXIBLE HOUSING DESIGN: EARTHQUAKE AS AN OUTER FACTOR <i>Duygu ALBOSTAN</i>			
15:15 – 15:30		THE INFLUENCE OF THE AFRICAN PLATE MOTION ON THE EAST ANATOLIAN FAULT ZONE TECTONICS <i>Mehmet YILMAZER, Ali PINAR</i>	AN INVESTIGATION OF SOME MALPRACTICE APPLICATIONS ON REPAIR AND STRENGTHENING <i>İsmail H. ÇAĞATAY</i>	OPINIONS ABOUT THE EFFECTS OF THE EARTHQUAKES LEADING TO DESTRUCTION IN İZMİT, THE OTTOMAN CITY ON THE PHISICAL CONSTRUCTION IN THE CONTEXT OF RELIGIOUS CONSTRUCTIONS <i>Sennur KAYA</i>			
15:30 - 16:00	COFFEE BREAK						

SESSION TITLE Chairperson	PANEL (Simultaneous translation will be available in this Hall)	“Earth Science C” Mustafa Kemal TUNCER (ENG)	“Special Session: Early Warning Systems” Friedemann WENZEL (ENG)	“Disaster, Planning and Architectural Education” Tevfik İLTER (TR)	“Engineering C” Kemal BEYEN Seval PINARBAŞI (ENG)
16:00 – 16:15	<p>PANEL DISCUSSION 2: SOCIO-POLITICAL, ECONOMIC AND PSYCHOLOGICAL ASPECTS OF NATURAL DISASTERS</p> <p>While natural and man-made disasters affect many countries in the world their impacts are not identical because countries have varying degrees of resiliencies and coping mechanisms that are embedded in their institutions and communities. In general, developed countries have been able to reduce loss of life through policies that have enable mainstreaming of disaster risk reduction within their governance and development processes, as well as participatory processes that enable social mobilization. On the other hand, human and economic vulnerability of developing countries is still very high. In the panel, socio-political, economic and psychological aspects of disaster risk in Turkey will be discussed in retrospect of the lessons learned from the “Marmara Earthquake. Topics that will be covered include; political economy of the “Marmara Earthquake”; implementations of social state; annuity/rent mechanisms after the disaster; experiences of disaster-affected countries throughout the world; role of universities (especially the social science departments) as well as local and international NGOs in the process.</p> <p>Chairperson: Z. Gönül BALKIR, Dean of Faculty of Law, Kocaeli University</p> <p>Panelists: İnci USER, Marmara University Melek GÜNDOĞAN, Değirmendere Support Center for Women Gürhan ERTÜR, Açık Radio Veli DUYAN, Ankara University Beril TUFAN, Hacettepe University</p>	<p>ON MONITORING OF NEAR SPACE PLASMA PARAMETERS FOR PURPOSE OF EARTHQUAKES PREDICTION <u>Galena KHACHIKJAN, T. ABAKANOV, A. LEE</u></p>	<p>STATUS AND PERSPECTIVES OF SEIMIC EARLY WARNING <u>Friedemann WENZEL</u></p>	<p>INCORRECT SETTLEMENT POLICIES IN EARTHQUAKE RISKY CITIES: A CASE THROUGH İZMİR- KADİFEKALE LANDSLIDE REGION <u>A. Kivanc KUTLUCA</u></p>	<p>CLASSIFICATION OF STRUCTURAL COMPONENTS FOR MODELING OF THE HISTORICAL OTTOMAN MİNARETS <u>Yasin FAHJAN, E. ERTEK</u></p>
16:15 – 16:30		<p>STRUTURAL EVOLUTION OF THE “MİTİDJA” SISMOGENIC BASSIN (ALGIERS, ALGERIA). <u>Hamou DJELLIT, A. ABTOU1, M.E.M. DERDER, A.K. YELLES-CHAOUCHE, M.A. GUEMACHE, S. SOFIANE, H. YMMEL</u></p>	<p>İSTANBUL EARLY WARNING AND RAPID RESPONSE SYSTEM <u>Mustafa ERDİK</u></p>	<p>POST DISASTER RESETTLEMENTS IS AN OPPORTUNITY FOR THE RURAL DEVELOPMENT <u>Binali TERCAN</u></p>	<p>STRUCTURAL CONSOLIDATION AND SEISMIC STRENGTHENING OF FATİH (PRISHTINA) AND SINAN PASHA (PRIZREN) MOSQUES - KOSOVO <u>P. GAVRILOVIĆ, B. CEKO, M. ACKAY</u></p>
16:30 – 16:45		<p>SOURCE DYNAMICS OF THE JUNE 22, 2002, CHANGOUREH-AVAJ EARTHQUAKE AND ITS AFTERSHOCK SEQUENCE, IN NORTH CENTRAL IRAN <u>Neda SARMADI, M.R. GHEITANCHI</u></p>	<p>EARTHQUAKE EARLY WARNING SYSTEM AND DISASTER MANAGEMENT CONCEPT IN ROMANIA <u>Constantin IONESCU</u></p>	<p>OPEN SPACES AND GREEN SPACES RISK ANYLSES AND MANAGEMENT İSTANBUL KUCUKCEKMECE DISTRICT MODEL <u>Yıldız AKSOY, Hilal ATALAY, Aylin ÇELİK TURAN</u></p>	<p>INTEGRATED APPROACH IN REPAIR AND SEISMIC STRENGTHENING OF MUSTAFA PASHA MOSQUE IN SKOPJE <u>Veronika SENDOVA, P. GAVRILOVIC, B. STOJANOSKI</u></p>
16:45 – 17:00		<p>EVALUATION OF SOURCE PARAMETERS OF SOME MODERATELY EARTHQUAKES İN SOUTH -EAST OF IRAN <u>Mehrdad MOSTAFAZADEH, S. ASHKPOUR MOTLAGH</u></p>	<p>THE SELF-ORGANISING SEISMIC EARLY WARNING INFORMATION NETWORK <u>Matteo PICOZZI</u></p>	<p>PRIORITIES AND PREFERENCES OF SOCIETY IN EARTHQUAKE RISK REDUCTION: A SOCIAL RESEARCH IN BAKIRKÖY <u>Süleyman BALLYEMEZ, L. BERKÖZ</u></p>	<p>DETERMINATION OF THE EFFECTS OF 1855 EARTQUAKES ON MASONRY STRUCTURES IN BURSA: CASE STUDY BURSA ÖRDEKLİ PUBLIC BATH <u>Bilal BAĞBANCI, B.Özlem KÖPRULÜ</u></p>
17:00 – 17:15		<p>SOURCE PROCESS OF THE 22ND FEB.,2005 ZARAND DESTRUCTIVE EARTHQUAKE, IN SOUTHEAST IRAN <u>Mohammad Reza GHEITANCHI</u></p>	<p>WIRELESS TECHNOLOGIES FOR THE MONITORING OF STRATEGIC CIVIL INFRASTRUCTURES: AN AMBIENT VIBRATION TEST ON THE FATİH SULTAN MEHMET SUSPENSION BRIDGE IN İSTANBUL, TURKEY <u>Matteo PICOZZI</u></p>	<p>THE IMPORTANCE OF EARTHQUAKE RESISTANT BUILDING DESIGN IN ARCHITECTURAL EDUCATION <u>Yasemin KOÇ, Z.Y. HARMANKAYA, M.E. TUNA</u></p>	<p>THE EFFECT OF THE POTENTIAL OF LIQUEFACTION SENSITIVITY ON DAMAGE: İSTANBUL (HISTORICAL PENINSULA) <u>Gökçe ÇİÇEK İNCE</u></p>
17:15 – 17:30		<p>SOURCE PARAMETERS OF MODERATE QOM EARTHQUAKE BY WAVEFORM MODELING <u>Reza MANSOURI, Mohammad Reza GHEITANCHI</u></p>		<p>APPROACH OF ARHITECHTURE HISTORY TO EARTHQUAKE: “OBJECTIVITY OF EARTHQUAKE PHENOMENON IN DESIGN AND CONSTITUTION OF COLLECTIVE MEMORY” <u>Oya SENYURT</u></p>	<p>THE DYNAMICS ANALALYSIS OF THE SYSTEMS BASED ON THE INTERACTION BETWEEN SOILNAND BUILDINGS <u>K. SOYLUK, Eda AVANOĞLU SICACIK</u></p>

SECOND DAY (BEFORE NOON)

Wednesday, August 19, 2009 09:00 am – 14:00 pm

		PROF. DR. BAKİ KOMSULOĞLU CONGRESS CENTER		LIBRARY		MORFOLOJİ BUILDING	
		Main Hall (Simultaneous translation will be available in this Hall)	Akdeniz	Karadeniz	Ege	Marmara	Anadolu
SESSION TITLE Chairperson	Invited Speaker						PANEL
09:00 – 09:15	Thanasis C. TRIANTAFILLOU, Professor, Director of Structural Materials Laboratory, University of Patras, Greece <i>"Repair and Strengthening Through Carbon Fiber Overlays "</i>	DISTURBANCES GENERATED NEAR EARTH'S SURFACE, ATMOSPHERE AND IONOSPHERE CAUSED BY TINY MECHANICAL DEFORMATION OF ROCK IN THE LITHOSPHERE: A THEORETICAL APPROACH TO SEARCH FOR EARTHQUAKE PRECURSOR <u>Esfhan KHERANI, P. LOGNONNE, G. OCCHIPINTI</u>	IMPORTANCE OF DISASTER TRAINING AND ROLE OF EUROPEAN NATURAL DISASTER TRAINING CENTER-AFEM <u>Nehir VAROL</u>			PANEL DISCUSSION 3: 10 YEARS OF DISASTER MENTAL HEALTH RESEARCH IN TURKEY This panel session focuses on the overview of the last decade in terms of disaster mental health research in Turkey which was triggered mainly by the 1999 Marmara Earthquake. The scientific studies both with adults and children or adolescent samples are reviewed with regard to their subject of interest, contributions to the field, limitations and implications for the disaster psychosocial planning. The outcomes of this comprehensive review are used to provide suggestions for the forthcoming research.	
09:15 – 09:30		MOMENT MAGNITUDE DETERMINATION BASED ON SOURCE SPECTRA FOR LOCAL EARTHQUAKES <u>Aysegül KÜSMEZER, Şerif BARIŞ, N.M. ÖZEL, L. OTTEMÖLLER, S. Balamir ÜÇER, Mithat Fırat ÖZER.</u>	ISTANBUL MEGACITY INDICATOR SYSTEM PROJECT <u>Mahmut BAŞ, Osman KILIÇ, B. KHAZAI, B.E. KONUKCU, A.E. BASMACI, E.Y. MENTESE, B. SUNGAY</u>				
09:30 – 09:45		THE DESIGN AND EVALUATION STAGES OF LOCAL GPS NETWORKS FOR MONITORING CRUSTAL MOVEMENTS <u>Orhan KURT, Haluk KONAK, Cankut D. İNCE</u>	TRAININGS ON EARTHQUAKE AWARENESS IN USKUDAR <u>O. Metin İLKİŞİK, S. GÖKÇE</u>				
09:45 – 10:00		NEAR-FAULT GROUND MOTION SIMULATION IN TEHRAN CITY <u>M. Reza GHAYAMGHAMIAN, M.F. GHADIKALAI</u>	ISTANBUL DISASTER PREVENTION AND EDUCATION CENTER" PROJECT OF ISTANBUL METROPOLITAN MUNICIPALITY <u>Osman KILIÇ</u>	CONTROL OF SEISMIC RESPONSE OF THREE- DIMENSIONAL MODEL STRUCTURE BY MAGNETORHEOLOGICAL DAMPERS <u>Gökçe KINAY, Gürsoy TURAN</u>			
10:00 – 10:15	Spyros PAVLIDES, Professor of Geology, Chairman of the School of Geology, Aristotle University of Thessaloniki, Aristotle University of Thessaloniki, Greece <i>"Hidden Earthquakes in the Gölcük - Kavaklı, Yenice- Gönen and Troy Faults, Palaeoseismological and Archaeoseismological Approach"</i>	ENVIRONMENTAL PROBLEMS ARISING FROM AĞRI (DIYADIN) GEOTHERMAL WATERS <u>Suzan PAŞVANOĞLU, S. GÜLER</u>	BURSA DISASTER DAMAGES REDUCTION TRAINING CENTER <u>Murat TAŞ, Nilüfer TAŞ</u>	RETROFITTING OF SHEAR DEFICIENT RC BEAMS USING CFRP STRIPS <u>Özgür ANIL, S. ALTIN, T. TOPTAŞ, M. Emin KARA M.E.</u>			
10:15 – 10:30		EVIDENCE FOR THE SEISMIC QUIESCENCE PRIOR TO THE JANUARY 25, 2005 HAKKARİ ($M_w=5.9$) EARTHQUAKE, TURKEY <u>Serkan ÖZTÜRK, Yusuf BAYRAK</u>	AN EXPERIMENTAL STUDY FOR DESIGNATING THE EFFECT OF INCLINED CFRP PLATE USAGE ON SHEAR BEHAVIOR <u>Murat TANARSLAN, Gökhan ŞAKAR</u>				
10:30 - 11:00	COFFEE BREAK						

SESSION TITLE Chairperson	PANEL (Simultaneous translation will be available in this Hall)	“Earth Science E” Orhan POLAT (ENG)	“Disaster Statistics” Nehir VAROL (TR)	“Engineering E” Salih Taner YILDIRIM Berna UNUTMAZ (TR)	WORKSHOP
11:00 - 11:15	<p>PANEL DISCUSSION 4: DISASTER PREPAREDNESS PROGRAM OF HEALTHCARE SERVICES OF İZMİR CITY</p> <p>Disaster Preparedness Program of Healthcare Services of İzmir has been implemented by Provincial Health Directorate of İzmir and Emergency Medical Association of Turkey in July 2007 as a joint project . The program supported by the Provincial Governor of İzmir will be shared with the participants with respect to its result and the stage at that point.</p> <p>Chairperson: Hasan ODABAŞIOĞLU, Chairman of Disaster Committee, Emergency Medicine Association of Turkey</p> <p>Panelists: Aslıhan YÜRÜKTÜMEN, Emergency Medicine Association of Turkey Özge DUMAN ATILLA, HAP Emine BARIŞ, Disaster Medicine</p>	<p>SEISMIC HAZARD ASSESSMENT FOR KOPEH DAGH REGION <i>Mostafah JAVANMEHRI, Sayyed Mahmood AZHARI, N. MIRZAEI</i></p>	<p>TURKEY’S NATIONAL DISASTER ARCHIVE SYSTEM (TNDAS) <i>Nurcan KOÇ, G. HAMZAÇEBİ, L. SOYAL, D. AKIN D, A. R. YILDIZ, Ö. VELİOĞLU</i></p>	<p>EFFECT OF ADDITION OF STEEL FIBERS ON CRACKING LOAD OF REINFORCED CONCRETE BEAMS UNDER THE EFFECT OF TORSION <i>Serkan ENĞİN, Fuad OKAY</i></p>	<p>UNION OF DISASTERS PSYCHOSOCIAL SERVICES (UDPS) REGIONAL CAPACITY BUILDING WORKSHOP</p>
11:15 – 11:30		<p>SEISMICITY IN THE BENGAL BASIN: A POTENTIAL HAZARD ZONE <i>Eahsanul HAGUE</i></p>	<p>NATIONAL-INTERNATIONAL DISASTER DATABASES AND IMM-AKOM DISASTER INFORMATION SYSTEM: AKOMAS <i>Nilay ERGENÇ, M.T. TÜRK, O. Metin İLKİŞİK</i></p>	<p>EXPERIMENTAL MODAL ANALYSIS OF GULBURNU HIGHWAY BRDGE <i>Ahmet Can ALTUNIŞIK, BAYRAKTAR, SEVİM, TÜRKER</i></p>	
11:30 – 11:45		<p>WAVEFORM ANOMALIES IN MAKRAN DEEP-FOCUS EARTHQUAKES <i>Amirmahmood SALAREE</i></p>	<p>STATISTICAL METHODS FOR THE ESTIMATION OF SEISMIC DAMAGE TO RESIDENTIAL BUILDINGS IN TURKEY <i>Ayşegül ASKAN, YUCEMEN</i></p>	<p>FIRE PERFORMANCE OF CHEMICAL ADMIXTURES IN CEMENT MORTARS <i>Adnan ÖNER, Serkan ENĞİN, Onur ÖZTÜRK</i></p>	
11:45 – 12:00			<p>TURKISH CATASTROPHE INSURANCE POOL <i>İdris SERDAR</i></p>	<p>EXPERIMENTAL AND ANALYTICAL MODAL ANALYSES OF A PROTOTYPE ARCH DAM-RESERVOIR-FOUNDATION MODEL <i>Barış SEVİM, A. BAYRAKTAR, A.C. ALTUNIŞIK, S. ADANUR, M. AKKÖSE</i></p>	
12:00 – 12:15			<p>THE INVESTIGATION OF EARTHQUAKE RISK OF POPULATION AND VARIOUS INDUSTRIAL SECTORS IN TURKEY <i>Caner UYSAL</i></p>	<p>FREQUENCY ANALYSIS OF CLAMPED LAMINATED COMPOSITE PLATES USING ARTIFICIAL NEURAL NETWORK <i>Umut TOPAL, Ertekin ÖZTEKİN</i></p>	
12:15 – 12:30				<p>THE HISTORICAL IMPROVEMENT, LITERATURE REVIEW OF STEEL PLATE SHEAR WALLS AND USING IN HIGH SEISMIC REGIONS <i>Said DUŞAK, A.N. YELGİN</i></p>	
12:30 – 14:00	LUNCH				

SECOND DAY (AFTER NOON)

Wednesday, August 19, 2009 14:00 am – 17:30 pm

	PROF. DR. BAKİ KOMSULOĞLU CONGRESS CENTER			LIBRARY		MORFOLOJİ BUILDING
	Main Hall (Simultaneous translation will be available in this Hall)	Akdeniz	Karadeniz	Ege	Marmara	Anadolu
SESSION TITLE Chairperson	Invited Speaker	“Earth Science F” Ahmet KARAKAŞ (TR)	“Disaster - Risk Management” Elif AYHAN (ENG)	“Engineering F” Kemal BEYEN Seval PINARBAŞI (TR)	“Engineering G” Adnan ÖNER Mücahit OPAN (TR)	WORKSHOP
14:00 – 14:15	İbrahim ÇEMEN, Professor, Oklahoma State University, USA “Earthquake Prediction: Lessons from the August 17, 1999 Izmit Earthquake.”	A LONG-TERM PREDICTION BASED ON THE CIRCULAR EPICENTER MIGRATION OF THE HISTORICAL EQ'S OF MARMARA PENINSULA Uğur KAYNAK	EARTHQUAKE RESISTANT TURKEY Ercin KASAPÖĞLU		LIQUEFACTION-INDUCED DEFORMATION ASSESSMENT OF RESIDENTIAL BUILDING FOUNDATION SOILS Berna UNUTMAZ, K.Önder ÇETİN	UNION OF DISASTERS PSYCHOSOCIAL SERVICES (UDPS) REGIONAL CAPACITY BUILDING WORKSHOP
14:15 – 14:30		DETERMINATION OF THE CRUST AND UPPER MANTLE STRUCTURE IN ANATOLIA BY SURFACE WAVE DATA APPLIED DISCRIMINATION FILTER Nilgün SAYIL	TSUNAMI DISASTER EVACUATION PLAN Erhan ALPARSLAN, R. GUILLANDE, M. KOSCIENY, A. GADRİ, N. VALENCIA, S. SCHEER, P. BUCKLE, A. SILVA, B. RANGUELOV, A. ATİLLAH, S. TINTİ		NUMERICAL ANALYSIS OF A SOIL NAILED WALL UNDER EARTHQUAKE LOADINGS Nivazi TERZİ, M.E. SELÇUK, C. YENİDOĞAN	
14:30 – 14:45		EARTHQUAKE DENSITY VARIATION OF TURKEY Selen ARIK, N. KONEZ, Mehmet UTKU	DISASTER PREVENTION IN SCHOOLS – PROGRESS AND PROSPECTS Marla PETAL		THE EFFECT OF MODULUS OF SUBGRADE REACTION ON THE BEHAVIOR OF A STRUCTURE SUBJECTED TO EARTHQUAKE LOADS Utkan MUTMAN, Aydın KAVAK, Hilal ATALAY	
14:45 – 15:00		ATTENUATION OF CODA WAVES AT EAST ANATOLIA FAULT ZONE Fadime SERTÇELİK	SCHOOL DISASTER READINESS: LESSONS FROM THE FIRST GREAT SOUTHERN CALIFORNIA SHAKEOUT TO TURKEY SCHOOL DRILLS M.Zeynep TÜRKMEN SANDUVAC	A CASE STUDY FOR THE APPLICATION OF FIRST LEVEL SEISMIC VULNERABILITY ASSESSMENT OF EXISTING BUILDINGS IN DENİZLİ Fikret KURAN, Özgür AVŞAR, C. KOÇAMAN, Emel DEMİROK	EFFECT OF SOIL CONDITIONS ON THE HIGH STOREY BUILDINGS DUE TO DYNAMIC LOADING A. Bengü SÜNBÜL, U. DAGDEVİREN, Z. GÜNDÜZ, Bilge SİYAHİ	
15:00 – 15:15		ANALYSIS OF İZMİT AFTERSHOCKS 25 DAYS BEFORE THE NOVEMBER 12TH 1999 DÜZCE EARTHQUAKE, TURKEY Ethem. GÖRGÜN, A. ZANG, M. BOHNHOFF, C. MILKEREIT, G. DRESEN	GIS APPLICATION ON PROBABILISTIC SEISMIC HAZARD ANALYSIS; LEASON LEARNED FROM YOGYAKARTA EARTHQUAKE, INDONESIA Haifani Akhmad MUKTAF	A CASE STUDY: EFFECTS OF SELECTED MODELING PARAMETERS ON PERFORMANCE EXPECTATIONS OF BUILDINGS Abdullah DİLSİZ, GÜLKAN	AN ENERGETICALLY APPROACHED STUDY OF SOIL BEHAVIOR AT STRONG EARTHQUAKES OR OTHER DYNAMIC INFLUENCES Kanatbek KOCOBAYEV	
15:15 – 15:30	RUPTURE HISTORY OF THE AUGUST 17, 1999 İZMİT EARTHQUAKE (MW=7.5) FROM THE INVERSION OF BROADBAND TELESEISMIC P AND SH WAVEFORMS Murat UTKUCU, Hatice DURMUŞ	DEFICIENCIES AND PROBLEMS THROUGH EMERGENCY ACTIONS AFTER EARTHQUAKES: KOCAELİ CASE Ezgi KORKMAZ, E. AVLAR	COMPRESSIVE BEHAVIOR OF RUBBER-BASED SEISMIC ISOLATION BEARINGS Seval PINARBAŞI	COMPARISON OF SAFE BEARING CAPACITY CALCULATION BY VARIOUS FORMULAE FOR SHALLOW FOUNDATIONS Sercan PİŞEN, Ertan PEKŞEN		
15:30 - 16:00	COFFEE BREAK					

SESSION TITLE Chairperson	PANEL	“Earth Science G” Özkan CORUK	“Urban Disaster Management” Chairperson:	“Engineering H” Ergün ÖZTÜRK Utkan MUTMAN	“Earth Science H” Fadime SERTÇELİK	WORKSHOP
------------------------------	-------	---	---	---	--	----------

	(Simultaneous translation will be available in this Hall)	(TR)	Nilgün OKAY (TR)	(ENG)	(TR)	
16:00 – 16:15	<p>PANEL DISCUSSION 5: WHAT DO WE EXPECT FROM HOSPITALS AFTER AN EARTHQUAKE?</p> <p>Earthquakes delay health care services because of their sudden and destructive characteristics. After an earthquake, hospitals of patient loads increases dramatically, and bearing in mind the routine operation of rotation difficulty, this panel will asses and discuss with respect to their own perspective of different disciplines, highlight the problems and propose possible solutions for them with considering participants suggestions. The purpose of the panel is that what we should expect from hospitals after an earthquake.</p>	<p>THE LAST DEVELOPMENTS OF THE NATIONAL SEISMOLOGICAL OBSERVATION NETWORK OF TURKEY, 2009 <u>Recai Feyiz KARTAL, S. ZÜNBUĞ, F.T. KADIRIOĞLU, M. KAPLAN, S. KARAKISA, T. KILIÇ, M. TÜRKÖĞLU, K. YANIĞ, N. HOLOĞLU, B. BARAN, T. TEZEL, C. ÖZTÜRK AKCA, A. YATMAN, M. DEMİR, C. FENERC, Y. İRAVUL, B. TÜZEL</u></p>	<p>DISASTERS, EMERGENCY RESPONSE PLANS AND COMMUNICATION IN EMERGENCIES CASE STUDY of YALOVA CITY <u>Bora YALCIN</u></p>	<p>DETERMINATION SITE EFFECT OF ZARQA CITY- JORDAN BASED ON MICROTREMORS FIELD MEASUREMENTS: A MICROZONATION STUDY <u>Waleed OLIMAT</u></p>	<p>SITE CHARACTERISTICS OF THE METROPOLITAN İZMİR BASED ON THE DATA OBTAINED FROM LOCAL STRONG-MOTION ARRAY (IzmirNet): PRELIMINARY RESULTS <u>Ulubey CEKEN, E. GÖK, D. YILMAZ, E. YALÇINKAYA, A. YAKUT, O. POLAT</u></p>	<p>UNION OF DISASTERS PSYCHOSOCIAL SERVICES (UDPS) REGIONAL CAPACITY BUILDING WORKSHOP</p>
16:15 – 16:30	<p>Chairperson: Rıdvan ATİLLA, Chairman, Emergency Medicine Association of Turkey</p>	<p>A SOFTWARE FOR EARTHQUAKE INVESTIGATION AND ANALYSIS <u>Ömer AKBAS, Ertan PEKŞEN, T.Serkan IRMAK</u></p>	<p>PREPARING OF URBAN AREAS AGAINST EARTHQUAKES: BURSA <u>Nilüfer TAŞ, Murat TAŞ</u></p>	<p>PREFABRICATED MULTI-STOREY STRUCTURES AND PAST EARTHQUAKE EXPERIENCES <u>Günkut BARKA, Hakan ATAĞÖY</u></p>	<p>THE EFFECT OF SEISMICITY OF THE AROUND FETHİYE BAY BY SOUTHWEST ANATOLIAN FAULT <u>M. SOFTA, M. Erkan KAHRAMAN</u></p>	
16:30 – 16:45	<p>Panelists: Murat ERSEL, Ege University, Faculty of Medicine Turhan SOFUOĞLU, Chairman, Association of Emergency Ambulance Physicians Süheyla SEZAN, Kandilli Observatoty and Earthquake Research Institute Dr. Özlem SARIKAYA, Marmara Universty, Faculty of</p>	<p>THE INVESTIGATION OF EARTHQUAKE RISK OF CANAKKALE AND ITS DISTRICT <u>Banu AKOL, Tolga BEKLER</u></p>	<p>COMPREHENSIVE STRATEGIES FOR RECOVERING FROM NATURAL DISASTERS, LESSONS LEARNT FROM THE GREAT HANSHIN- AWAJI EARTHQUAKE <u>Murat BEYHAN, Y. HONJO</u></p>	<p>THE EFFECTS OF CONFIGURATION IRREGULARITY ON THE DETERMINATION OF PERFORMANCE OBJECTIVES IN R/C STRUCTURES <u>Mustafa KUTANIS, S.K. HÜRYAŞAR</u></p>	<p>ESTIMATION OF THE EARTHQUAKE HAZARD OF SİNOP PROVINCE USING PROBABILITY AND STATISTICAL METHODS <u>Recai Feyiz KARTAL, Günay BEYHAN, Nazan YILMAZ, Murat UTKUCU</u></p>	
16:45 – 17:00		<p>SURVEYING THE EARTHQUAKE PRODUCING FAULTS AROUND BALA (ANKARA) BY USING LOCAL STATION RECORDS <u>Beğüm CİVGİN, K. ESAT, B. KAYPAK, V. İŞİK, G. SEYİTOĞLU</u></p>	<p>ROLE OF NON-GOVERNMENTAL ORGANIZATIONS IN DISASTER MANAGEMENT, FEDERATION FOR SEARCH AND RESCUE SOCIETIES <u>Adem DEMİREL</u></p>	<p>THE EXAMINATION OF THE BC III(a) REINFORCING STEEL BARS ACCORDING TO EARTHQUAKE CODES <u>Fatih Kürşat FIRAT, M.S. YUCEMEN</u></p>	<p>EARTHQUAKE RISK IN LOW AND MEDIUM SEISMICITY REGIONS: A CASE STUDY FOR ANKARA <u>A.M. EKER, H. AKGÜN, Mustafa K. KOÇKAR</u></p>	
17:00 – 17:15		<p>FAULT MECHANISMS OF THE BIGA PENINSULA EARTHQUAKES AND COHERENCE WITH ACTIVE TECTONICS <u>Tolga BEKLER, S. ÖZDEN, Doğan KALAFAT</u></p>	<p>AFTER MARMARA EARTHQUAKE RECONSTRUCTION WORKS (PERMANENT BUILDING APPLICATION METHODS AND RESULTS) <u>Hayrive SENGÜN</u></p>	<p>COMPARISON OF METHODS WITH REGARD TO ENERGY PRODUCTION IN A MULTIPLE RESERVOIRS SYSTEM <u>Mücahit OPAN</u></p>	<p>ANALYSIS OF SEISMOTECTONIC CHARACTERISTICS OF MARMARA REGION BY USING MECHANISM SOLUTIONS AND STRESS TENSOR <u>Tolga SEN, Haluk EYİDOĞAN</u></p>	
17:15 – 17:30				<p>OPTIMAL RELATIONSHIP BETWEEN IRRIGATION AND ENERGY PRODUCTION IN THE MUNZUR RIVER BASIN, TURKEY <u>Temel TEMİZ, Mücahit OPAN, Adnan ÖNER</u></p>		