

"INTERNATIONAL SUSTAINABLE BUILDINGS SYMPOSIUM" SCHEDULE (26-28 MAY 2010)

| 26 MAY 2010 WEDNESDAY | | | | |
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| <p align="center">09.30 - 10.30 REGISTRATION 10.30 - 11.30 OPENING REMARKS ISBS President: Arzuhan Burcu GÜLTEKİN Head of Gazi University Technology Faculty Construction Education Department: Metin ARSLAN Dean of Gazi University Technology Faculty: Cemil ÇETİNKAYA President of İNTES - Turkish Employers' Association of Construction Industries: M. Şükrü KOÇOĞLU Rector of Gazi University: Rıza AYHAN Turkey Minister of Public Works and Settlement: Mustafa DEMİR</p> | | | | |
| 11.30 - 12.00 | OPENING CEREMONY | | | |
| | HALL A | HALL B | HALL C | HALL D |
| | 26 May 2010, Wednesday (1. Session) | | SUSTAINABLE BUILDINGS AND ENVIRONMENT 26 May 2010, Wednesday (3. Session) Session Chair: Ayşe TAVUKÇUOĞLU | SUSTAINABLE BUILDINGS AND ENVIRONMENT 26 May 2010, Wednesday (4. Session) Session Chair: İker Bekir TOPÇU |
| 12.00 - 12.15 | "OPENING CONFERENCE" THE LESSER KESTREL: THE WINGED PHENOMENON OF SUSTAINABILITY Murat YILDIZ, Okan ÜRKER, Turhan Serdar BACAKSIZ, Nesrin ÇOBANOĞLU (An Academic and Philosophical Performance Flavoured Movie and Music) | | İker Bekir TOPÇU, <i>Tayfun UYGUNOĞLU</i> Decrease of Environmental Pollution by Use of Waste Marbles as Aggregate in the Concrete | Serkan SUBAŞI, Yılmaz KOÇAK, <i>Mehmet EMİROĞLU</i> The Effect of Fly Ash Type and Quantity on the Mechanical Properties of Cement |
| 12.15 - 12.30 | | | Şemsettin KILINÇARSLAN, Ayşe ELYİĞİT, <i>Aysun SEVEN</i> Investigation of Usage of Boron Coated Reinforced Concrete Steels for Sustainable Building | <i>Hasbi YAPRAK</i> , İhami DEMİR, Demet KURT The Effect of Waste Brick on Alkali-Silica Reaction |
| 12.30 - 12.45 | Invited Speaker: İker ADIGÜZEL (<i>U.S. Army Engineer Research & Development Center, USA</i>) | | <i>İsmail KILIÇ</i> , Ali Haydar GÜLTEKİN Sandstone as a Sustainable Building Material | <i>Hüseyin BAYRAKTAR</i> , Murat SOLAK Evaluation of Nanotechnology in Turkey via Swot Matrix Analysis according to Environment and Building Sectors |
| 12.45 - 13.00 | Beyond Sustainable Buildings: Towards a Holistic Approach for Sustainable Communities | | <i>Özlem BOZKURT</i> , Günay ÖZBAY Some Works on Conservation of Wood from Past to Present and Situation of Impregnation Industry in Turkey | U. Teoman AKSOY, <i>Yusuf T. ŞİRANLI</i> The Statistical Evaluation of Flooring Materials in Residence in terms of Sustainability |
| 13.00 - 13.30 | Invited Speaker: Duygu ERTEK (<i>ÇEDBİK - Turkish Green Building Council, Turkey</i>) International Green Building Certification Systems: A Comparative Approach to LEED and BREEAM | | Nazile URAL, Cenk KARAKURT, <i>Ahmet T. CÖMERT</i> Utilization of Bilecik Marble Quarry Wastes for Soil Improvement and Concrete Production | <i>Yakup BÖLÜKBAŞ</i> , Servet YILDIZ, Oğuzhan KELEŞTEMUR Effect of the Fiber Glass Addition on the Mechanical Properties of Concrete |
| 13.30 - 14.30 | LUNCH | | | |
| | ENERGY AND ENVIRONMENT 26 May 2010, Wednesday (1. Session) Session Chair: Attila PEHLİVANOĞLU | SUSTAINABLE PLANNING 26 May 2010, Wednesday (2. Session) Session Chair: Işık AKSULU | ENERGY AND ENVIRONMENT 26 May 2010, Wednesday (3. Session) Session Chair: Güven SARGIN | SUSTAINABLE BUILDINGS AND ENVIRONMENT 26 May 2010, Wednesday (4. Session) Session Chair: Mehmet Emin TUNA |
| 14.30 - 14.45 | Invited Speaker: Hans PETERS (<i>IBU - Institute Construction and Environment, Germany</i>) | Invited Speaker: Tüzün Baycan LEVENT (<i>Istanbul Teknik Üniversitesi, Turkey</i>) | Gülser ÜNLÜ ÇELEBİ, <i>Serpil TOSUN</i> Integrated Architectural Systems: Integrated Design of Wind Turbines with High-Rise Buildings | <i>Murat GÖKÇE</i> , K. Yaşar LEVENT, Alev ÇANKAYALI Investigation of Usage of Chemical Additives in Buildings within the Context of Sustainability |
| 14.45 - 15.00 | How German Building Manufacturers Deal with Sustainability in the Construction Sector? | Green Cities: European Planning and Management Perspective | <i>Şükran EFE</i> , Kemal ÇOMAKLI, Uğur ÇAKIR Comparison of Central and Individual Heating Systems | <i>Cahit BİLİM</i> , Cengiz Duran ATIŞ The Abrasion and Strength Properties of Mortars Containing Ground Granulated Blast Furnace Slag |
| 15.00 - 15.15 | Invited Speaker: Pinar EROL (<i>PE International GmbH, Germany</i>) EPDs for International Competitiveness and Product Innovation the Turkish Manufacturing Sector | Şule TÜDEŞ, <i>Tamer FİDAN</i> , <i>Türky TÜDEŞ</i> The Planning Problems in Parcel Scaled and Freehold in Ulus Historical City Center | <i>Yusuf YILDIZ</i> , Zeynep DURMUŞ ARSAN, Türkan GÖKSAL ÖZBALTA Development of Design Guidelines for Hot-Humid Regions: Passive Cooling Strategies | <i>Hasbi YAPRAK</i> , İhami DEMİR, Osman ŞİMŞEK The Effect of Waste Bricks on Cement Mortars in Aggressive Environments |
| 15.15 - 15.30 | Bastian WITTSTOCK, Johannes KREISSIG, <i>Katrin LOWE</i> Life Cycle Assessment as Part of the Planner's Daily Routine | Nicel SAYGIN, <i>Pelin ULUSOY</i> Stormwater Management and Green Infrastructure Techniques for Sustainable Campus Design | <i>Şenay BODUROĞLU</i> , Füsün Seçer KARİPTAŞ The Usage of Renewable Energy Resources in Intelligent Housing Systems | <i>Betül İŞBİLİR</i> , Serkan SUBAŞI, İsmail ERCAN Effect of Rice Husk Ash on Concrete Durability |
| 15.30 - 15.45 | Gabriela Armijo PLAZA, <i>Christopher J. WHITMAN</i> , Roberto CASALS Post-Occupancy Evaluation of State Schools in 5 Climatic Zones of Chile | <i>Ozan HOVARDAOĞLU</i> The Socio-Spatial Contradictions of Urban Renewal Projects on Turkey's New Industrial Districts and Urban Rehabilitation as a Basic Strategy for Solution | <i>Suat GÜNHAN</i> Analyzing Preconstruction Stage in Sustainable Building Projects | Mümin FİLİZ, H.Turgut ŞAHİN, Pinar USTA, <i>Ayşe KAYAPINAR</i> In Terms of Construction Industry and Environment Relationship |
| 15.45 - 16.00 | <i>Uğur KAYA</i> , Nil TURKERİ Level 1 & 2 Life Cycle Assessment Tools in Sustainable External Wall Design: A Case Study for Marmara Region of Turkey | <i>Ece POSTALCI ALTINKAYA</i> , Çiğdem TEKİN, Özlem EREN Sustainability in Rural Settlements: Adatepe and Demirciköy in Ayvaci Town in Çanakkale | <i>Asena SOYLUK</i> , Zeynep Yeşim HARMANKAYA, Mehmet Emin TUNA The Investigation of Reuse and Recycling of Construction Materials in Developed Countries and Turkey | <i>İbrahim SÖNMEZ</i> , Rifat AKBIYIKLI, Ümit DİKMEN Fundamental Steps of Sustainability in Asphalt Road Maintenance Applications |
| 16.00 - 16.15 | DISCUSSIONS | DISCUSSIONS | DISCUSSIONS | DISCUSSIONS |
| 16.15 - 16.45 | COFFEE BREAK | | | |
| | ENERGY AND ENVIRONMENT 26 May 2010, Wednesday (1. Session) Session Chair: İker ADIGÜZEL | SUSTAINABLE PLANNING 26 May 2010, Wednesday (2. Session) Session Chair: Tüzün Baycan LEVENT | ENVIRONMENTAL POLICIES AND PRACTICES 26 May 2010, Thursday (3. Session) Session Chair: Füsün DEMİREL | SUSTAINABLE BUILDINGS AND ENVIRONMENT 26 May 2010, Wednesday (4. Session) Session Chair: İsmail Özgür YAMAN |
| 16.45 - 17.00 | Müfide BANAR, <i>Zerrin ÇOKAYGİL</i> Life Cycle Comparison of Floor Covering Materials: Vinyl Covering and Laminated Parquet Covering | Invited Speaker: Khalid EL HARROUNI (<i>National School of Architecture, Morocco</i>) | Invited Speaker: Çiğdem BELGİN DİKMEN (<i>Bozok University</i>) Sample Study of Energy Efficient Building Design Criteria within Sustainable Building Design | <i>Cevdet Emin EKİNCİ</i> , Sabit OYMAEL Review of the Bioharmological Properties of Buildings and Construction Materials from the Sustainability Point of View |
| 17.00 - 17.15 | <i>Katrin LOWE</i> , Matthias FISCHER, Bastian WITTSTOCK, <i>Tabea BECK</i> Indicating the Environmental Performance of the Residential Building Stock in EU-25 Countries by LCA | Urban Rehabilitation of Historical Areas: Fez and Asilah Medinas | <i>Derya Güleç ÖZER</i> , Zeynep Yeşim HARMANKAYA Energy Conscious Ecological Architecture Education in Architecture Departments of Turkey | <i>Gökhan GÖRHAN</i> , Erhan KAHRAMAN, M. Serhat BAŞPINAR, İsmail DEMİR Investigation of the Usage of Industrial Wastes (Fly Ash and Marble Dust) in Lightweight Building Block Production |
| 17.15 - 17.30 | <i>Nurten CEYLAN</i> , İkbal ÇETİNER Investigating the Environmental Effects of Heat Insulation Materials Used in Residential Buildings with Respect to Window to Wall Ratio | <i>Nemika CELLATOĞLU</i> , Arif SARI Environmental Impacts of Private Transportation on Sustainable Development: A Case Study of Northern Cyprus | Emel Düzgün BİRER, S. Ümit DİKMEN, <i>Sadık YİĞİT</i> Criteria for Sustainable Design of Elementary School Buildings | <i>Baha Vural KÖK</i> , Mehmet YILMAZ, Necati KULOĞLU Evaluation of Asphaltite and SBS Modified Hot Mix Asphalts within the Context of Sustainability |
| 17.30 - 17.45 | <i>Nachawit TIKUL</i> , Panya SRICHANDR Assessment of Environmental Impact of Thai Housing | <i>Aliye Ahu GÜLÜMSER</i> , Tüzün Baycan LEVENT, Peter NIJKAMP The Engine of Sustainable Rural Development: Embeddedness of Entrepreneurs in Rural Turkey | Opinions of Students in Faculty of Commerce and Tourism Education about Environmental Management Activities at the Faculty | <i>Bahar DEMİREL</i> , Salih YAZICIOĞLU The Effect of the Waste Marble Dust Used as Fine Material on the Mechanical Properties of Concrete |
| 17.45 - 18.00 | Melek KURAL, <i>Zeynep YILMAZ BAYRAM</i> The Effect of Highrise Buildings in Being Microclimate in Terms of Wind and Temperature: Case in Rize | Şule TÜDEŞ, <i>Tamer FİDAN</i> , <i>Türky TÜDEŞ</i> Ulus (Ankara) Historical and Cultural Heritage and Conservation Period | <i>Kutlu Sevinç KAYIHAN</i> , Seda TÖNÜK Elementary School Buildings with the Direction of Sustainability Awareness Construction | <i>Yılmaz KOÇAK</i> The Effect of Thermic Power Plant Waste Fly Ash on Properties of Portland Cement |
| 18.00 - 18.15 | <i>Mehmet MELİKOĞLU</i> Land Use in Life Cycle Assessments with Specific Focus on Turkey's Agricultural Policies | <i>Özlem SAĞIROĞLU</i> , B. Işık AKSULU The Proposal for Sustainable Urban Conservation and Rehabilitation of Ankara Uluçanlar District | Serkan PALABIYIK, <i>Ayşe NASIR</i> and Murat SOYGENİŞ Sustainability: An Approach to Architectural Design Studio | Serkan SUBAŞI, <i>Betül İŞBİLİR</i> , İsmail ERCAN Effect of High Temperature on Mechanical Properties of the Substitution of Cement Samples with Fly Ash |
| 18.15 - 18.30 | <i>N. Gözde ÖZERKAN</i> , M.AIMA'ADEED, Ramazan KAHRAMAN Life Cycle Assessment of Polymers in Qatar | <i>Umut DURMUŞ</i> , Eti AKYÜZ LEVİ A Model for Sustainable Rural Architecture in Turkey (the Village of Aydınlı) | <i>Günşel ALVER</i> The Effects of Sustainable Material Selection on the Quality of Use in Education Buildings | M. Rahmi CANAL, <i>Sabri KOÇER</i> An Environmental Approach to Building Communication Systems |
| 18.30 - 18.45 | DISCUSSIONS | DISCUSSIONS | DISCUSSIONS | DISCUSSIONS |

| 27 MAY 2010 THURSDAY | | | | | | |
|---------------------------|---|---|--|--|----------------|-------------------------------|
| | HALL A | HALL B | HALL C | HALL D | HALL E | HALL F |
| | ENERGY AND ENVIRONMENT 27 May 2010, Thursday (1. Session) Session Chair: Khalid EL HARROUNI | SUSTAINABLE BUILDINGS AND ENVIRONMENT 27 May 2010, Thursday (2. Session) Session Chair: Gülser ÇELEBİ | SUSTAINABLE PLANNING 27 May 2010, Thursday (3. Session) Session Chair: Sule TÜDEŞ | ENVIRONMENTAL POLICIES AND PRACTICES 27 May 2010, Thursday (4. Session) Session Chair: Turkey TÜDEŞ | BREAM TRAINING | SUSTAINABLE BUILDING WORKSHOP |
| 09.00 - 09.15 | Invited Speaker: Christine LEMAITRE (DGNB - German Sustainable Building Council, Germany) | Invited Speaker: Cengiz ÖZMEN, Ali İhsan ÜNAY (Gazi University, Turkey) Architect - Structural Engineer Collaboration In Sustainable Structural System Design | Eray BOZKURT Ranking Residential Units in Izmir Applying Sustainable Indicators | Sibel GAZİ, Nesrin ÇOBANOĞLU Significance of Interconnecting Urban Transformation and Ecological City within the context of Environmental Ethics | | |
| 09.15 - 09.30 | German Sustainable Building Certificate | Claudiu ACIU, Nicoleta COBIRZAN, Ligia MOGA Selection of Sustainable Building Materials | Gülcan İNER, İlay KAMAN Sustainable Characteristics of Rural Housing in Edirne | Seda TEMİZER YÖNTEM Environmental Friendly Approaches in Architecture During European Union Approximation Period | | |
| 09.30 - 09.45 | Helena MONTEIRO, Fausto FREIRE Environmental Life Cycle Assessment of Alternative Exterior Wall Systems for a House in Portugal: Comparison of Two LCIA Methods | Cevdet Emin EKİNCİ, Yusuf Tuğrul ŞİRANLI Total Quality Management in Building and Sustainable Quality | H. Hami YILDIRIM, Zümrüt KAYNAK After the Copenhagen Climate Change Summit (COP-15), Climate Change and the Effects of Physical Planning on Climate Change: What Should be Done? | Murat YILDIZ, Nesrin ÇOBANOĞLU Evaluation of Bioethics and Biopolitics in Forestry from the Point of Sustainable Environmental Management | | |
| 09.45 - 10.00 | Nicoleta COBIRZAN, Claudiu ACIU, Ligia MOGA Reducing the Heat Energy Demand by Improving the Thermal Performance of Buildings in Romania | Feyza SEZGİN, Gülser ÇELEBİ A Proposal Model for Material Selection in Sustainable Building Design | Sevinç Bahar YENİGÜL Urban Rural Relationship for Sustainable Development | Asım Mustafa AYTEN An Evaluation about Environment and Sustainability Concepts in International Law Documents (1970-2010) | | |
| 10.00 - 10.15 | Ayşe KOPUZ, Güler GAYGUSUZOĞLU, Bülent BALOĞLU, Erkan TABAKÇIOĞLU The Effect of Heat Insulation on the Building Heat Performance: Çorlu Engineering Faculty Example | Serkan PALABIYIK, Bircül ÇOLAKOĞLU Experimental Decision Making Model for in Sustainable Architecture Design | Nihal ŞENLİER, Ayşe Nur ALBAYRAK Opportunities for Sustainable Industry Development in Turkey: Eco-Industrial Parks | Turhan Serdar BACAĞSIZ, Nesrin ÇOBANOĞLU Biopolitics of Turkey with Respect to Ecological Buildings | | |
| 10.15 - 10.30 | Marcel GÓMEZ, Luis de PEREDA Comparative LCA of three Types of Conventional and Mechanic Parking Systems | İdil AYÇAM, Nilay ÖZELER KANAN Nano-Architecture Nano Materials and Recent Developments | Ülkü YÜKSEL, Pınar ÇOBANYILMAZ Adaptation Process to Climate Change and Turkey | Nesrin ÇOBANOĞLU, İke Bezen AYDOĞDU International Dimensions of the Environment and Environmental Problem Concepts | | |
| 10.30 - 10.45 | DISCUSSIONS | DISCUSSIONS | DISCUSSIONS | DISCUSSIONS | | |
| 10.45 - 11.15 | COFFEE BREAK | | | | | |
| | ENERGY AND ENVIRONMENT 27 May 2010, Thursday (1. Session) Session Chair: Hans PETERS | SUSTAINABLE BUILDINGS AND ENVIRONMENT 27 May 2010, Thursday (2. Session) Session Chair: Soofia Tahira ELIAS-ÖZKAN | SUSTAINABLE PLANNING 27 May 2010, Thursday (3. Session) Session Chair: Hülağa KAPLAN | ENERGY AND ENVIRONMENT 27 May 2010, Thursday (4. Session) Session Chair: Selma KURRA | BREAM TRAINING | SUSTAINABLE BUILDING WORKSHOP |
| 11.15 - 11.30 | Invited Speaker: Birol KILKIŞ (Başkent Üniversitesi, Turkey) | Invited Speaker: Duygu ERTEN (CEDBİK - Turkish Green Building Council, Turkey) | Invited Speaker: Sule TÜDEŞ (Gazi University, Turkey) Geohazard Information for Sustainable Planning and Development | Invited Speaker: Gülsu ULUKAVAK HARPUTLUGİL (Karabük Üniversitesi, Turkey) Towards Designing Sustainable Buildings: How Useful are Building Performance Simulations? | | |
| 11.30 - 11.45 | District Energy Systems: Theory and Applications | The Turkish Green Building Council (CEDBİK) and Its Activities | Hale MAMUNLU Sustainability in Urban Regions and Planning - Administration Approach: Istanbul Case | İdil AYÇAM, Merve TUNA Evaluation of the Sustainable Building Rating Systems within the Context of Energy | | |
| 11.45 - 12.00 | Sibel MAÇKA, Yalçın YAŞAR The Effects of Window Alternatives on Energy Efficiency and Building Economy in High - Rise Residential Buildings in Cold Climates | Cem HAYDAROĞLU, Serdar KARAHASANOĞLU, David VESEY Bamboo Structures: A State-of-The Art Review | Öncü BAŞOĞLAN, Eti Akyüz LEVİ Sustainable Tourism in Cultural Heritage Management: Historical Healing Spas of Yalova | İzzet YÜKSEK, Tülay ESİN Impact of Factors on Energy Efficiency in the Usage Process of Buildings | | |
| 12.00 - 12.15 | Ligia MOGA, Nicoleta COBIRZAN, Claudiu ACIU, Moğa IOAN Considerations Regarding Thermal Rehabilitated Buildings Behaviour Over Time | Mine Gökçe ÖZKAYNAK, Selin Tunali ÜST Sustainable Design Solutions to Humanitarian Crises | Gülün EKİZOĞLU, Müjgan Bahtiyar KARATOSUN Conservation and Sustainability of Railways as Industrial Heritage: The Izmir-Aydın Railway Line | Ayşin SEV, Nilay CANBAY Widely Used Building Environmental Assessment Tools and Suggestions for Developing Countries | | |
| 12.15 - 12.30 | Esra BOSTANCIOĞLU Effect of Storey Height on Energy Costs of Residential Buildings | Naci POLAT Sustainable Design and Construction Criteria in Hotels | Zeynep Aslı GÜREL ÜÇER Environmental Protection for Sustainable Development: Municipal Service Cases | Aslıhan ŞENEL, Fahriye Hilal HALICIOĞLU The Effects of Sustainable Architecture Approaches on Usage of Innovations in Buildings | | |
| 12.30 - 12.45 | Fernanda RODRIGUES, Patricia MEIRELES, Romeu VICENTE, Claudino CARDOSO Energy Efficiency of Social Housing Existing Buildings - A Portuguese Case Study | Hakan ARSLAN, Yılmaz KOÇAK The Evaluation of Building Information Modelling in Sustainable Building Design | Seda ŞİMŞEK TOLACI, Ş. Gülin BEYHAN, Mine TANAÇ ZEREN Re-Functioning Urban Fabric in the Context of Sustainable Tourism: The Example of Hükümet (Government) Avenue / Burdur | İker Salih CANITEZ The Impacts of Sustainability Concept on the Construction Process and Green Building Certification Systems | | |
| 12.45 - 13.00 | DISCUSSIONS | DISCUSSIONS | DISCUSSIONS | DISCUSSIONS | | |
| 13.00 - 14.00 | LUNCH | | | | | |
| | ENVIRONMENTAL POLLUTION CONTROL AND AUDITING 27 May 2010, Thursday (1. Session) Session Chair: Birol KILKIŞ | ENVIRONMENTAL POLLUTION CONTROL AND AUDITING 27 May 2010, Thursday (2. Session) Session Chair: Ali İhsan ÜNAY | SUSTAINABLE BUILDINGS AND ENVIRONMENT 27 May 2010, Thursday (3. Session) Session Chair: Nihal ARIOĞLU | SUSTAINABLE PLANNING 27 May 2010, Thursday (4. Session) Session Chair: Sare SAHİL | BREAM TRAINING | SUSTAINABLE BUILDING WORKSHOP |
| 14.00 - 14.15 | Invited Speaker: Ayşem Berrin ÇAKMAKLI (Middle East Technical University, Turkey) Environmental Assessment Systems of Buildings | Invited Speaker: Nihat Sinan IŞIK (Gazi University, Turkey) Shear Strength of Municipal Solid Waste and Stability of Landfills | Invited Speaker: Fatma Filiz YILDIRIM (TÜBİTAK- Test ve Analiz Laboratuvarı, Turkey) Quality Control of Sustainable Building Materials | Invited Speaker: Gülser ÜNLÜ ÇELEBİ (Gazi University, Turkey) Sustainability in Architecture | | |
| 14.15 - 14.30 | Selma KURRA, Levent DAL Passive Noise Control in Buildings by means of Noise Maps Integrated with Sound Insulation Requirement | Suat SEVENCAN, Gökçen Alev ALTUN ÇİFTÇIOĞLU, Neşet KADIRGAN A Preliminary Feasibility Study of a Fuel Cell Based Combined Cooling Heating and Power System | İdil AYÇAM, Merve TUNA, Gülçin SÜT Evaluation of Insulation Materials within the context of Sustainable Criteria | Ahmet APAY, Tahir AKGÜL, Emine AYDIN Investigation of Civil Architectural Structures in Taraklı | | |
| 14.30 - 14.45 | Didem GÖKÇE OĞUZKURT, Duygu ÖZHAN Spatial and Temporal Variability of Ecological Properties of Deep Reservoir, Karakaya, Turkey | Didem ÖZÇİMEN, Sevil YÜCEL, Pınar TERZİOĞLU Human Health Effects of Base Stations Near Buildings | Ayhan UZ Environmental Effects of Concrete | Muna Silav UTKAN, Hatice Nilüfer SÜZEN Cultural Heritage: An Example of Reuse of Historical Buildings: "Gazi First Teacher School" and "Gazi University Painting and Sculpture Museum" | | |
| 14.45 - 15.00 | Ataç BAŞÇETİN, Deniz ADIGÜZEL, Serkan TÜYLÜ, Abdulkadir KARADOĞAN The Control of Energy Consumption and the Investigation of CO2 Emissions in the Production of Aggregate | Ayşen TÜRKMAN, Vedat CAĞANAĞA Recycling of Construction Wastes and Application of Environmental Management System | Şemsettin KILINÇARSLAN, Celalettin BAŞYİĞİT, Tuba MOLLA, Seyyid SANCAR Ecological Structures Sheltered from Radioactive Ray | İsmet ŞAHİN Relationship Between Cultural Heritage and Planning in the context of Sustainable Development and Urbanization | | |
| 15.00 - 15.15 | Özge SÜZER, Meltem YILMAZ An Innovative Waste Management System, 'Cierra Recycling', and its Product as a Sustainable Building Material | Didem ÖZÇİMEN, Sevil YÜCEL, Pınar TERZİOĞLU Utilization of Ash in Buildings | Ayşin SEV, Özlem EREN Diagrid Structures as a Sustainable Strategy for Tall Buildings | Rifat AKBIYIKLI, İbrahim SÖNMEZ, S. Ümit DİKMEN Sustainable Development in Turkey and Sustainability in Construction Sector | | |
| 15.15 - 15.30 | DISCUSSIONS | DISCUSSIONS | DISCUSSIONS | DISCUSSIONS | | |
| 15.30 - 16.00 | COFFEE BREAK | | | | | |
| 16.00 - 17.00 | CLOSING PANEL Assistant Secretary of Turkish Ministry of Public Works and Settlement: Şaban Önder KIRAÇ | | | | BREAM TRAINING | SUSTAINABLE BUILDING WORKSHOP |
| 17.00 - 17.30 | Session Chairs | | | | | |
| 17.30 - 18.00 | DISCUSSIONS | | | | | |
| 20.00 - 24.00 GALA DINNER | | | | | | |

| POSTER PRESENTATIONS | |
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| 26 - 27 MAY 2010 - Wednesday, Thursday (09.00 - 18.30) | |
| Bilge Sayıl ONARAN (Sustainability in Hospital Interiors and Interior Materials) | Hüseyin BAYRAKTAR, Ahmet ÇAĞLI (Determination of Building - Environment Effect due to Fault Zone Which is Passing through Kaynaşlı District Center Using GIS Techniques) |
| Cevdet Emin EKİNCİ (Balance and Harmony Sciences in Building Design: Bioharmology) | E. Esen KALELİ (An Approach to Accessibility and Universal Design Notions for the Disabled in Built Environments) |
| Ayşin SEV, Aydan ÖZGEN (Can Tall Buildings be Sustainable?) | İnci OLGUN, Ayşeğül KURUÇ (A Prospect on Ecological Realm Through Urban Settlement Fact: "Experiencing Nordhavnen") |
| H. Süleyman GÖKÇE, Selim CEMALGİL (Evaluation of Industrial Waste and Natural Reserves in order to Take Alkali-Silica Reaction Under Control) | N. Burcu SERBES, Can BİNAN (Transition Process of Urban Resort Areas Beginning with in Istanbul the Second Half of the 19th Century up to 20th Century) |
| Saadet AYTIŞ, Işıl POLATKAN (Ecological Usage of Concrete in Public Spaces) | Salih SALBACAK (Sustainability of Cultural Heritage Case of "Zeytinlik Neighborhood In Giresun") |
| Gökhan KAPLAN, Burcu GÜLTEKİN (The Investigation of Fly Ash Usage in terms of Environmental and Social Effects in Construction Sector) | Filiz AKLANOĞLU (The Relationship of Landscape Design and Sustainable Building) |
| Duygu KANBUL, Eray BOZKURT (Assessment of Construction Materials Used in the Interior of Past and Present Efes Hotel Considering Sustainable Issues) | Tülay ÖZDEMİR CANBOLAT, Fehime Yeşim GÜRANI (Sustainable Furniture Design Approaches in Office Spaces) |
| Seda YAVAŞBATMAZ, Rüya KILIÇ, Murat ÇAVUŞ, Burcu GÜLTEKİN (Evaluation of Tall Building within the context of Sustainability) | Cem DOĞAN (The Study of the Continuity of Urban Furniture Under the Sustainability Concept) |
| Sedat KURUGÖL, Çiğdem TEKİN (Evaluation of Internal-External Plastering Materials Used in Traditional Structures of Sivas in the Scope of Sustainable Materials) | Aysun Eyüboğlu ERŞEN (An Investigation about the Effect of the Committees of Conservation of Cultural and Natural Riches on Conservation of Historic Cities: Edirne Example) |
| Bahar DEMİREL, Oğuzhan KELEŞTEMUR (Behavior of the Concrete Produced by Using Natural Pumice at the Elevated Temperatures) | Cevdet Emin EKİNCİ, Hilal SUSMAZ (Effects of Building and Physical Environment on Sustainable Planning: Uşak Example) |
| İbrahim SÖNMEZ, Çağatay KALKANCI (Sustainability in Asphalt Materials and Applications by ISFALT) | Dilek ERBEY (Sustainability Policies In Urban-Rural Areas: Istanbul - Eyup District Case) |
| Emre SANCAK, Ayhan ŞAMANDAR (The Role of Usage of Self-Consolidating Concrete with regard to Sustainability) | Mehmet EMİROĞLU, Servet YILDIZ (The Evaluation of Waste Tyres in Construction Sector) |
| Özlem BOZKURT (Mechanical Properties of Historical Oakwood Used in Traditional Tekirdağ Houses and the Effect of Treatment Procedures on Mechanical Strength) | Didem ÖZÇİMEN (Use of Renewable Energy Sources in Buildings) |
| Celalettin BAŞYİĞİT, Ayşe AKKAŞ, M. Necip KURTARICI, Hıdır ALTINER, Zerrin ÇALAN (Investigation of Usability of Isparta Region Rose Waste in Concrete Manufacturing) | Uğur ÇAKIR, Kemal ÇOMAKLI, K. BAKIRCI, Ö. ÖZYURT (Energy and Economical Analysis of Solar Hot Water Systems) |
| Nusret BOZKURT, Salih YAZICIOĞLU (Sustainable Structural Lightweight Concrete Design and the Investigation of the Mechanical Properties) | Mehmet MELİKOĞLU, Ayhan ALBOSTAN (Biogas: From Waste to Energy with Specific Focus on Istanbul) |
| Lemi Tufan TAŞPOLAT, İsmail ZORLUER (Effect of Marble Dust on the Physico-Chemical Properties of Landfill Layers) | Hüsnü GERENÇİ (Investigation of Effects of Corrosive Factors in Seawaters of Turkey) |
| Mürsel ERDAL, Osman ŞİMŞEK (Investigation of Usability of Ahlat Stone (Iqinimbrite) Waste As Stone Powder In Concrete) | Deniz Ayşe YAZICIOĞLU (The Efficient Use of Recycled Aluminum in the Construction Sector) |
| Hülya Yavuz ÖDEN (Impression of the Forms which are Inspired from Nature to Ecologic Systems and Their Implementation in Turkey) | Bengü ALPARSLAN, A. Burcu GÜLTEKİN (Evaluation of Ecological Building Design Criteria within the Context of a Building Case Study) |
| Emine Nur ASILTÜRK (Sustainable Buildings and Eco-Tech Design Solutions) | Gözen Güner AKTAŞ (Contribution of Natural Lighting to the Concept of Interior Sustainability in the Foodcourt Areas of Shopping Centers) |
| A. Devrim IŞIKKAYA (Design of Sustainable Organic Buildings) | Damla ALTUNCU (Situation of the Lighting Criterias in Evaluation of Buildings Energy Performance) |
| Özlem EREN, İker Salih CANITEZ (Sustainable Light Gauge Steel Housing) | Damla ALTUNCU (Investigation of the Compact Fluorescent Lamps in terms of Sustainability) |
| Şenay BODUROĞLU, Füsün Seçer KARİPTAŞ, Esin SARIMAN (Intelligent Building Design in Scope of Sustainable Architecture) | Meltem YILMAZ (Guiding Principles for Sustainable Housing Design - John Schreiber's Solominium House in Montreal as a Sample) |
| İdil AYÇAM, Nilay ÖZELER KANAN (Applications of Renovation In an Attempt to Provide Energy Gains in Historic Buildings) | İlknur BEKEM, Cuma KARA (Analyzing Green Roofs with Sample Structures by means of Ecology) |
| Yeşim TOPRAK, Türkay TÜDEŞ (Architectural Surveying of Frontage Using Theodolite) | Meriç ÖNCÜL (Estimation of Sustainable Hydropower Potential of Small Streams in Low Sakarya Basin Using Flow Curves and Artificial Neural Networks) |
| Mehmet YILMAZ, Baha Vural KÖK, Necati KULOĞLU, Tacettin GEÇKİL (Investigation of Effects of Lime on the Resistance to Moisture Damage of Hot Mix Asphalt within the Context of Sustainability) | Füsün Seçer KARİPTAŞ, Şenay BODUROĞLU (The Eco-Roofs and Sustainability) |
| Cuma KARA, İlknur BEKEM (Analyzing Environmental Aspects of Hydraulic Energy Structures by means of Compensation Flow and Fish Passages) | Tolga UZUN (Green Roof Applications in Sustainable Architecture) |
| Ömer CAN (Investigation of Usage of Marble Dust for Adobe Manufacturing) | İsmail İsa ATABEY, Behçet DÜNDAR, Burçak BULUT (Green Building Evaluation Systems with BREEAM and LEED) |
| A. Derin ÖNCEL (Galata District and Sustainable Planning) | Yasemin KOÇ (The Usage of Renewable Energy Resources in Buildings: Example of Solar Energy) |
| Seda Çalışır HOVARDAOĞLU (The Socio-Spatial Contradictions of Urban Renewal Projects on Turkey's New Industrial Districts and Urban Rehabilitation as a Basic Strategy for Solution) | Elif TATAR (Analysing Green Roof Structures from the Perspective of Sustainable Architecture) |
| Murat ŞAHİN, Ece DEMİR (Interactions between Transportation and Identity of Place: The Case of Büyükdada) | |

| SUSTAINABLE BUILDING WORKSHOP | |
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| 27 MAY 2010 - Thursday (09.00 - 18.30) | |
| MODERATOR | Soofia Tahira ELIAS-ÖZKAN (Middle East Technical University, Turkey) |
| 09.00 - 09.10 | Opening Remarks Arzuhan Burcu GÜLTEKİN (Gazi University, Turkey) |
| 09.10 - 09.45 | Common Metrics for Sustainable Buildings: EU-Project Open House Eva SCHMINCKE (Five Winds International) |
| 09.45 - 10.45 | Environmental Product Declarations (EPDs) in the Sustainable Construction Sector Hans R. PETERS (IBU - Institute Construction and Environment, Germany) Attila PEHLİVANOĞLU (Ejot Baubefestigung GmbH, Germany) |
| 10.45 - 11.15 | COFFEE BREAK |
| 11.15 - 13.00 | Life Cycle Assessment Modelling of Buildings with GaBi Katrin LÖWE (Stuttgart University, Department of Life Cycle Engineering, Germany) |
| 13.00 - 14.00 | LUNCH |
| 14.00 - 14.30 | Certification of Buildings Pınar EROL (PE International GmbH, Turkey) |
| 14.30 - 15.30 | German Sustainable Building Certificate - DGNB Christine LEMAITRE (DGNB - German Sustainable Building Council, Germany) |
| 15.30 - 16.00 | COFFEE BREAK |
| 16.00 - 17.00 | BRE Environmental Assessment System - BREEAM Övünç BİRECİK (Grontmij Engineering Consultancy and Design, Turkey) |
| 17.00 - 18.00 | Leadership in Energy and Environment Design - LEED Zümrüt ÇAĞLAYAN ARSLAN (Turkeco Consulting, Turkey) |
| 18.00 - 18.30 | Discussion - Questionnaire - Feedback Soofia Tahira ELIAS-ÖZKAN (Middle East Technical University, Turkey) |

| SOCIAL ACTIVITIES | |
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| 28 MAY 2010 - Friday | |
| 09.00 - 17.00 Local Excursion (Standard) Ataturk's Mausoleum, War of Independence Museum, Hacı Bayram Mosque, Ankara Castle, Rahmi M. Koç Museum, Gordion Mall-BREEAM Certificated | |
| 09.00 - 18.00 Suburban Excursion (Mercenary) Traditional Turkish Town Beypazarı Old Town Sightseeing Hidriik Hill, General Town View and Introduction Inozu Valley Shopping Traditional Silver Jewellery and Gift Shops Traditional Textile Beypazarı Local Food: Rusk, Turkish Delight from Carrot Local Products Bazaar Local Cuisine | |