



FINAL DECLARATION

The Second International Sustainable Buildings Symposium – ISBS 2015 was held on 28-30 May 2015, with the participation of 256 people consisting of faculty members, graduate students, experts from public organizations and representatives from the authorities of construction sector. The symposium had been implemented by the contributions and participations of foreign countries such as United Arab Emirates, Morocco, Algeria, Libya, Netherlands, Macedonia, Malaysia, Switzerland Iran, Palestine, Kazakhstan Denmark, Germany, China, Korea, Singapore, Japan, Turkish Republic of Northern Cyprus, UK and USA. Besides, 8 renowned experts of their respective fields were invited as keynote speakers and they contributed to the symposium with their papers and presentations.

The symposium was facilitated by technical, scientific and financial supporters such as: Akay Construction, Teknik Destek Grubu (Technical Support Group), Paksoy Technical Services, Kartallar Construction, Turkey Cement Producers Association, Vamos Sports Complex, Gazi University, the Scientific and Technological Research Council of Turkey, and the Turkish Science Research Foundation and Civil Engineering Council. In addition, Turkish Radio and Television Corporation supported the Symposium as communication sponsor.

The languages of the symposium were English and Turkish. In total, the conference had 158 papers of which 138 were oral presentations and 20 poster presentations. After the Symposium presentations, the best poster presentations for each symposium title were selected by the committee consisting of local organizing committee members and the winners were announced on the ISBS-2015 web-site. In addition to the oral and poster presentations on sustainability, experts from Teknik Destek Grubu made an oral presentation on Instrumentation Methods for Structural Health Monitoring of Buildings which is considered as a novel approach towards Sustainable Buildings.

Titles of “Sustainable Buildings and Environment”, “Sustainable Planning”, “Energy and Environment”, “Environmental Pollution Control and Auditing” and “Environmental Policies and Practices” were scoped out and discussed in ISBS 2015 in which various scenarios were evaluated. After each session, the session chair invited comments, questions and discussions of the presented papers on specific themes. The discussions performed in the symposium sessions in accordance with the aforementioned titles identified that the ecological, economic, social and cultural aspects of sustainability are all important. The following subjects were presented, evaluated, scoped out and discussed during the symposium:

1 - SUSTAINABLE BUILDINGS AND ENVIRONMENT

Sustainability of Structural Systems and Analysis, Sustainability of Steel, Concrete and Timber Structures, Sustainable Structures under Natural Hazards, Transportation Infrastructure and Sustainable Development, Sustainability in Geotechnical Engineering, Sustainable Building Materials and Processes, Sustainable Design Approaches, Coastal-Port Engineering and Coastal Management, Water Resources, Construction and Management of Sustainable Buildings, Engineering Geology, Sustainable Approaches to Construction Design and Construction.

2 - SUSTAINABLE PLANNING

Sustainability-Urban/Rural Planning Interaction, Urbanization and Environmental Problems, Rehabilitation of Urban Areas, Urban Transformation, Cultural-Historical Heritage and Environment, Landscape Planning.

3 - ENERGY AND ENVIRONMENT

Energy Efficient Building Design and Production, Microclimate Auditing, Building Performance Assessment, Renewable Energy Resources, Life Cycle Assessment, Environmental Product Declarations and Simulation Programs.

4 - ENVIRONMENTAL POLLUTION CONTROL AND AUDITING

Global Climate Change, Air/Water/Soil/Noise Pollution, Ecological Pollution, Conservation of Resources, Biological Diversity, and Waste Management.

5 - ENVIRONMENTAL POLICIES AND PRACTICES

Environmental Sciences and Technologies, Environmental Consciousness and Information Systems, Environment and Human Health, Acts/Regulations/Strategies, Principles and Standards relating to sustainability, Environmental Economy/Training/Management, Local Authorities and Environment, and Environmental Aspect in International Relations.

ISBS 2015 – International Sustainable Buildings Symposium, which took place for the second time in the international platform, is judged very successful, comprising of holistic blend with the scientific content, social activities and site visits, and it has been decided to be held every two years. We express our thanks to our esteemed delegates, sponsors and supporters of the symposium, for their participation and contributions.

We plan to hold the third International Sustainable Buildings Symposium (ISBS 2017) in Dubai in early 2017. Further announcements will be made in the near future.

On behalf of the International Organizing and Technical Committee,
Prof. Dr. Seyhan FIRAT (Chair)
Prof. Dr. Hüseyin Yılmaz ARUNTAŞ (Chair)
Assoc. Prof. Dr. Arzuhan Burcu GÜLTEKİN (Chair)