

FINAL REPORT FOR 12th REGIONAL ROCK MECHANICS SYMPOSIUM
(October 3-5, 2018, Trabzon, TURKEY)

12th of the Regional Rock Mechanics Symposiums held in Turkey for more than 30 years was organized hosting by Karadeniz Technical University Mining Engineering Department under the auspices of Turkish National Society for Rock Mechanics. Academicians, representatives from mining and construction industries' and from government agencies, explosives suppliers, test equipment producers and students met in the symposium. The latest scientific and technological developments in the area of rock mechanics were presented within this symposium. Additionally, an exhibition including stands of 10 foundations and companies from the rock engineering industry were organized in parallel to the scientific sessions.

Totally, 60 proceedings including 3 keynote lectures were presented on October 3 and October 4, the first two days of the symposium. 53 of the 60 proceedings were presented by researchers from different cities of Turkey, and the other 7 proceedings were written by 20 foreign authors from Tunisia, China, Iran, Brazil, Australia, and France. Including 108 delegates, 195 participants attended the 12th Regional Rock Mechanics Symposium sessions at Osman Turan Congress and Cultural Centre.

The keynote lectures were presented at the Hasan Turan Hall, and the parallel technical sessions were continued simultaneously at the Hasan Turan Hall and Fahri Kuran Hall. Latest developments and new trends in the rock mechanics and rock engineering area were discussed in the technical sessions. On the night of October 3, thank you plaques were presented to the representatives of sponsors (ETİ Copper Inc. Co., Koza Gold Inc. Co., KTU, Demir Export Inc. Co., Çayeli Copper Inc. Co., Solar Explosive Material Inc. Co., Orica-Nitro Explosives Inc. Co., UTEST Material Testing Equipment Inc. Co.) and the keynote lecture speakers (Prof. Dr. Reşat ULUSAY, Prof. Dr. Bahtiyar ÜNVER, Prof. Dr. Raşit ALTINDAĞ). Symposium closing ceremonies were organized at the Fahri Kuran Hall after the technical sessions, on October 4, 2018. Karaca Cave in Gumushane, Historical Hagia Sophia Mosque and Museum and Atatürk Pavilion in Trabzon were visited within the nature and cultural trip on the third day of the symposium on October 5, 2018.

The scientific and technical subjects mentioned and discussed during the 12th Regional Rock Mechanics Symposium are as follows:

The proceedings of the 12th Regional Rock Mechanics Symposium are dominantly written in the topics of laboratory tests, drilling and blasting, environmental effects of blasting operations, mechanical excavations, underground support, numerical studies and modelling, slope stability studies, and rock mass properties. Besides, proceedings of various topics like fundamentals of rock mechanics, underground instabilities, machines and equipment in rock engineering, geophysical applications in rock engineering, health and safety in rock engineering applications

were presented in the symposium. It was stated that Turkish researchers presented very valuable international works in the area of rock mechanics and rock engineering. For the sustainability of this situation, new topics were suggested for young researchers. The importance of the encouragement of young researchers and the representability of Turkey in the international events were emphasized in the symposium.

The decrease in the numbers of student of various departments of mining engineering, geological engineering, geophysical engineering, the departments teaching rock mechanics was found concerning for the future of rock mechanics science in Turkey. Depending on the research opportunities using developing technology and new equipments, the costs for scientific studies were mentioned to increase, nowadays. The necessity to work hard as Mustafa Kemal Atatürk, the founder of the Republic of Turkey, stated “Turk, take pride, work and trust” was underlined for new and successful studies in rock mechanics and rock engineering area.

12th Regional Rock Mechanics Symposium was an effective platform for meeting of very valuable researchers of the rock mechanics area. We present our sincere thanks to all delegates, attendees, organizations, and the sponsors for their valuable contributions to the symposium organization. We wish the knowledge and suggestions revealed within the 12th Regional Rock Mechanics Symposium will contribute much for the beneficiation of underground resources and new developments in rock engineering area.

With our best regards,

The Organization Committee of the Symposium,



Şekil 1. Sunumlardan bir fotoğraf / Figure 1. A photo from presentations



Şekil 2. Sunumlardan bir fotoğraf / Figure 2. A photo from presentations



Şekil 3. Kahve arasından bir fotoğraf/ Figure 3. A photo of coffee break



Şekil 4. Oturumlardan sonra bir fotoğraf/ Figure 4. A photo after technical sessions



Şekil 5. Gala seremonisinden bir görüntü / Figure 5. The view from gala ceremony



Şekil 6. Kültürel geziden bir görüntü (Karaca Mağarası - Gümüşhane) / Figure 6. The photo from cultural tour (Karaca Cave - Gumushane)



Şekil 7. Kültürel geziden bir başka fotoğraf (Seyir Terası) / Figure 7. An another photo from cultural tour (View Terrace - Torul / Gümüşhane)



Şekil 8. Kültürel geziden bir başka fotoğraf (Atatürk Köşkü - Trabzon) / Figure 8. An another photo from cultural tour (Atatürk Mansion - Trabzon)



Şekil 9. Kültürel geziden bir başka fotoğraf (Ayasofya Müzesi / Cami - Trabzon) / Figure 9.
An another photo from cultural tour (Hagia Sophia Museum / Mosque - Trabzon)