

KSCE Participates for Brighter Future, Science Korea

Expo on choosing science as a major and future career is an annual event aimed to promote science and engineering by providing accurate information on the vision and characteristics of majoring in science and engineering. Hosted by the Korea Science Foundation and sponsored by the Ministry of Science and Technology, this exposition is an important event in view of current social phenomenon of avoiding both science and engineering fields of study among the younger generation. The KSCE participated in this year's exposition held at the COEX exhibition hall during June 23-28, by organizing an information booth with various scale models, posters and pamphlets from both public and private organizations. Display items which became the center of interest included the sewage disposal plant model (courtesy of KNR), a scale model of Soyang-gang multipurpose dam (courtesy of Korea Water Resources Corporation) and the lead rubber bearing display (courtesy of Unison Corporation). Free gift giveaways and the civil engineering quiz contest which were sponsored by local construction companies attracted many students as well. The KSCE booth was quite successful, attracting more than 3,500 middle and high school students as well as elementary students and parents.



Civil engineering wants you. How about you? Attracting youths to engineering profession is not an easy task

Hwaseong Fortress designated as an International Historic Civil Engineering Landmark

During the 3rd CECAR (Civil Engineering Conference in the Asian Region), the Hwaseong Fortress was designated as an international Historic Civil Engineering Landmark (HCEL) by the American Society of Civil Engineers. After its recognition as a world heritage by UNESCO in 1997, HCEL designation acknowledged the Hwaseong Fortress to have a historic civil engineering significance.

The HCEL was created by ASCE in 1967 to recognize and encourage preservation of civil engineering landmarks. Nominations are made annually by an ASCE selection committee after reviewing sites that are at least 50 years old and are accessible to public. Over 230 civil engineering works are



Presidents of KSCE and ASCE at the Hwaseong Fortress, now an international Historic Civil Engineering Landmark (HCEL)

currently designated as HCEL throughout the world, including the Statue of Liberty (1985), Eiffel Tower (1986), Sydney Harbour Bridge (1998) and the Suez Canal (2003). The Hwaseong fortress is the second landmark to be titled as a HCEL in the Asian region, following the "Ifugao Rice Terrace" of the Philippines in 1995.

"The fortress was considered a pioneering achievement in the late 18th century, due to the modern technologies and equipment used in its construction," said Patricia D. Galloway, president of the ASCE. "That combined with its aesthetic beauty, makes the Hwaseong Fortress worthy of the title Historic Civil Engineering Landmark." Located in Suwon city, the massive walls of the Hwaseong fortress still extend nearly 6km and embodies King Jeongjo's devotion to his ill-fated father. Rapid construction of the fortress using paid labor and complete documentation detailing the construction process symbolizes the cultural and technological renaissance under the King.

Songsan Award of the Year

The 2004 Songsan Award ceremony was held at the JW Marriott Hotel on the 16th of September. Established by Songsan "Hyung Ju Kim" in 2001, the prestigious Songsan Award has annually recognized those who have dedicated their lives to the development of one of four different categories: civil engineering technology, academic research, culture and journalism. This year, the award for academic research was presented to Hyo Seop Woo (Senior Research Fellow, Korea Institute of Construction Technology) and the award on culture was presented to director Il Sung Jung. No awards were given for the categories of civil engineering technology and journalism this year.



Hyung Ju Kim (Founder of the Songsan Award), Hyo Seop Woo (Award winner, Academic Research Category), Il Sung Jung (Award winner, Culture Category) and Soo Sam Kim (President, KSCE) (From Left)