

infrastructure. Such data are often incomplete and limited in duration. Now they must develop design and operational practices to withstand future climate conditions — both extremes and gradual changes. They must accommodate uncertainties because the forecasts of future climate will never be precise. This creates a challenge to existing infrastructure design approaches and practices.

TO MAKE OUR SOCIETIES RESILIENT TO NATURAL DISASTERS

Since antiquity, the world has faced a great number of natural disasters: earthquakes, tsunamis, floods, typhoons, hurricanes, tornados and volcanic eruptions. Recently, we have become aware of rapid climate change that might lead to much larger-scale natural disasters. Civil engineers are required to play important roles in creating safe and secure infrastructure, resilient to natural and man-made disasters by sharing and growing knowledge and experience through collaboration.

MILLENNIUM DEVELOPMENT GOALS

ACECC members support the internationally agreed upon development goals contained in the Millennium Declaration as they apply to improving the quality of people's lives around the world through science and engineering. The ten societies/institutions will work with each other and with domestic and international organizations to engage engineers in addressing the needs of the poor through capacity building and the development of sustainable and appropriate solutions to poverty. By helping meet the goals of the Millennium Declaration, the engineering profession contributes to a world where all people have access to the knowledge and resources to meet their basic human needs and promote sustainable development.

Included are such areas as water supply and sanitation, food production and processing, housing and construction, energy, transportation and communication, income generation, and employment creation.

COMMITMENTS

Within the following areas of leadership with respect to sustainable infrastructure, the ACECC members commit to:

- Developing and collaborating on national sustainable infrastructure and resilient development strategies and action plans in their economic regions;
- Encouraging civil engineers to engage in building sustainable engineering capacity in the developing world through active collaboration with development organizations such as USAID – US Agency for International Development, Asian Development Bank, and other related assistance organizations in their economic regions;
- Working through representatives of their economic to coordinate civil engineering views within the World Federation of Engineering Organizations to enable WFEO to effectively influence programs on sustainable infrastructure and communities within UNESCO, the United Nations, the World Bank, international financial institutions and other bodies.



•• President Sim Signing the Jakarta Protocol

25th ACECC Executive Committee Meeting (ECM)

Before the opening of the CECAR6, on August 18-19, 2013, ACECC's 25th ECM was also held at the conference venue. The meeting was organized by the ACECC and sponsored by HAKI. The KSCE representatives were Prof. Jongsung Sim (KSCE President, Hanyang University), Prof. Jae-Woo Park (KSCE Chair for International Affairs Committee, Hanyang University), Prof. Seok-Won Lee (KSCE Secretary for IAC, Konkuk University), Prof. Sang-Ho Lee (Yonsei University), Prof. Ho-Kyung Kim (Seoul National University), and Ms. Hyunsun Song (KSCE Secretariat). Prof. Sang-Ho Lee has

presented a progress report for TC13 on BIM, which will be chaired by KSCE and co-chaired by CICHE from the next meeting. The JSCE has presented a progress report for TC15 on River Environment, which has been co-chaired by Prof. Jin-Hong Kim (Chung-Ang University) of KSCE. As part of the TC activity, Prof. Kim will be organizing an international roundtable meeting under the theme, "Environmental Design of Aquatic Plants in Urban Streams" at the KSCE 2013 CONVENTION. The KSCE has also participated in the progress report for TC16 on ITS-based Solutions for Urban Traffic Problems in Asia Pacific Countries, and for TC18 on Long Span Bridges (co-chaired by Prof. Ho-Kyung Kim). Written proposals for

TC19 on Asian Concrete Model Code, and TC20 on Renewable Energy, were submitted by the KSCE and approved unanimously. As for the membership, the Institution of Engineers, Bangladesh (IEB) has joined the council, totalling eleven member societies in ACECC. The 26th ECM will be held on March 7-8, 2014, in Honolulu, Hawaii.



•• President Sim and Prof. Park at the 25th ECM