



JAPAN SOCIETY OF CIVIL ENGINEERS

“We shall promote seamless service, cooperation and collaboration across borders in the civil engineering field and contribute to civil engineering progress and society.”

Since 1914



About JSCE

Japan Society of Civil Engineers (founded in 1914) is a civil engineering professional organization, representing more than 38,000 members worldwide. The Society has over 300 committees and 9 International Sections.

The Society's mission is to contribute to building a sustainable society for present and future generations through promoting and progressing civil engineering. In order to actualize the mission, the Society focuses on the following goals:

- 1) Enhance professional knowledge, skills and practices;
- 2) Strengthen the contribution of civil engineering to society; and
- 3) Promote communication, cooperation and collaboration among the members.

The members enhance their professional practices, tackle various challenges, and fulfill their responsibilities to society. Their commitment to civil engineering instills a strong sense of pride, honor and integrity among themselves.

International Activities Center

“Vigorous Efforts Toward Steady Growth and Development Together with International Partners”

Background

The progress of globalization makes boundaries fade away and intensifies worldwide competitions in the construction industry, and then forces civil engineers to further contribute to improving global quality of life and creating a sustainable society.

JSCE formed International Activities Center (IAC) in 2012 so as to respond effectively to those challenges. The IAC stands at the forefront of JSCE's efforts to improve the partnerships with Agreement of Cooperation (AOC) societies, bi- and multi-lateral activities and contribution to infrastructure development. The Society and IAC work in tandem toward attaining the aforementioned goals.

Objectives

- 1) To promote exchange of ideas, knowledge and experience for civil engineering progress
- 2) To enhance JSCE's international contribution and cooperation through civil engineering
- 3) To support the internationalization of Japanese civil engineering industry



Colorado River Bridge, USA



Incheon Bridge, Korea



Stonecutters Bridge, China

Tanaka Award Winners

JSCE Awards Program

JSCE Awards Program (founded in 1920) recognizes outstanding achievements, remarkable accomplishments and significant contributions to civil engineering progress. The awards are conferred at JSCE General Assembly in June every year.

International Award

International Award is made to Japanese civil engineers for their significant contributions to civil engineering progress and infrastructure development through their practices in and outside Japan, and to a foreign individual for his/her excellent contribution to the progress of Japanese civil engineering and the promotion of exchange and cooperation between Japan and other countries.

Outstanding Civil Engineering Achievement Award

The award recognizes innovation and excellence in infrastructure planning, design, construction, maintenance and management which have made notable contributions to civil engineering progress and infrastructure development. The award is made to innovative technologies, devices and ideas in Group I and to projects in Group II.

Tanaka Award

The award recognizes excellence in planning, design, execution, maintenance and management of bridges developed in construction or repair/renewal projects. The award is made in three categories: research project, research paper, and work of art.

The program also has Continuing International Contribution Award, Innovative Technique Award, Environmental Award and some more.

English Publications

Standard Specifications, Guidelines, and Journals

- STANDARD SPECIFICATIONS FOR TUNNELING 2006 series:
Mountain Tunnels, Shield Tunnels, and Cut and Cover Tunnels
To place an order online, please visit:

<http://www.jsce.or.jp/publication/e/book-e.html>

The following publications are available for free

- Standard Specifications for Concrete Structures 2007 series:
Materials and Construction, Design, Maintenance, and Dam Concrete
Please take a look at them: <http://www.jsce-int.org/about/guideline>

The monthly newsletter "IAC News"

The IAC News covers various news, experts' reports, symposiums, projects, and activities that JSCE does. It is a good resource of information for civil engineers. Please register and subscribe to the IAC News:

<http://www.jsce-int.org/taxonomy/term/10>

Online "Journal of JSCE"

Journals of JSCE are the collections of technical papers. Please visit:

https://www.jstage.jst.go.jp/pub/html/AY01S470_en.html



Disaster Response and Assistance

Emergency response and assistance is a major responsibility of JSCE. The Society organizes disaster response activities, deploys disaster damage survey and recovery assistance teams, and coordinates and collaborates with AOC societies, local governments, communities and experts. The Society has dispatched more than 20 teams to disaster-afflicted areas since 1999 such as:

- ◆ Chile: Chile Earthquake in 2010
- ◆ China: Sichuan Earthquake in 2008
- ◆ Indonesia: Sumatra Offshore Earthquake and Indian Ocean Tsunami in 2004
- ◆ Japan: Great East Japan Earthquake in 2011
- ◆ New Zealand: Christchurch Earthquake in 2011
- ◆ Thailand: Chao Phraya River Flood in 2011
- ◆ Turkey: Kocaeli Earthquake in 1999, Van Earthquake in 2011
- ◆ USA: Hurricane Katrina in 2004

The JSCE teams also perform follow-up studies, make advice and recommendations for disaster management improvements, and provide disaster preparedness education and training. The teams' services make positive effects on disaster risk mitigation and preparedness measures.



Sumatra Offshore Earthquake and Indian Ocean Tsunami in 2004 (Indonesia)



2011 Great East Japan Earthquake (Tohoku Region, Japan)

Asian Civil Engineering Coordinating Council

JSCE is one of the founding organizations of Asian Civil Engineering Coordinating Council (ACECC; established in 1999). The ACECC is a major international organization for civil engineers, and its goal is to attain a sustainable development of the Asia-Pacific region. JSCE has been actively engaged and promoted the contribution of ACECC to society.

International Activities

JSCE Annual Meeting - International Program

JSCE Annual Meeting is one of major gatherings of civil engineers in Japan. The annual meeting, which is usually held in early September, draws over 5,000 attendees across the country and abroad, and over 3,000 research papers and posters are presented.

International Program includes Roundtable Meeting, joint symposiums and international sessions. Its aims are to foster information exchange, international cooperative research and network-building.

International Summer Symposium

International Summer Symposium brings together young civil engineers from over 20 countries every year. It is an excellent opportunity for young civil engineers to discuss their research projects, to acquire new perspectives and to network with their peers. Over 100 papers are presented annually.

Joint Seminars

JSCE signs Agreement of Cooperation (AOC) with civil engineering societies around the world. Under the AOC, the JSCE and its AOC societies exchange technical and scientific information, organize joint projects and work together to solve global issues.

Study Tour Grant

Study Tour Grant (STG) is the grant travel program supported by International Scientific Exchange Fund (ISEF). The STG program invites civil engineering students to Japan for one week. The young engineers, who are nominated by the AOC societies, learn latest technologies through lectures provided, visiting construction project sites and infrastructure operations, and discussions with Japanese civil engineering experts.



2012 JSCE Annual Meeting
-International Program-



2012 JSCE International Summer Symposium



The 1st Int'l Symposium on Infrastructure
organized by VASECT-JSCE
in Vietnam in 2012



2012 JSCE STG Recipients

JSCE Timeline

- 1879 The Japan Federation of Engineering Societies is established in 1879 by 23 graduates of the Imperial College of Engineering, originally under the name of the Engineering Society of Japan, including 3 civil engineers. With disciplinary development of engineering, many professional societies have stemmed from the JFES.
- 1914 Japan Society of Civil Engineers is founded, and Koi Furuichi is the first president.
- 1937 Creates The Beliefs and Principles of Practice for Civil Engineers
- 1999 Establishes Code of Ethics for Civil Engineers
- 2014 Celebrates the 100th anniversary



Baron Koi Furuichi
The 1st JSCE president



Tokyo Station, the first railway terminal station (opened on Dec 20, 1914)



Nihonbashi Bridge, the zero milestone of all highways in Japan
(opened on April 3, 1911)

JSCE Website

<http://www.jsce-int.org/>

Membership

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