Japan Society of Civil Engineers
Planning Committee & Communications and Public Relations Center
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JSCE-At-A-Glance
As of November 1, 2020

JSCE Regular Membership
38K

Corporate Members
628
Special Members
477
As of March 2020

Regional Chapters
8

JSCE2020-2024
~ Link up with Communities, Generations and Values, and Build a Future Society ~

Goal 1 “Ensure Safe and Secure Environment”
Optimize sustainable land-use to ensure a safe and secure environment

Goal 2 “Strengthen Internationalization”
Strengthen international competitiveness to implement quality projects overseas and contribute to solving global challenges

Goal 3 “Increase Communication”
Communicate with technical & non-technical audiences, giving information from a fair & objective viewpoint, and systematize information collection & sharing

Goal 4 “Enhance Human Resources”
Build the society in which future engineers can develop & use their abilities and a diverse group of engineers can take a role.

The action plan JSCE 2020-2024 sets forth 5 mid-term goals to accomplish in the next 20 to 30 years; it is broken down into specific activities.

http://committees.jsce.or.jp/JSCE20XX/jsce2020

Civil Engineering Day
November 18

The kanji characters “土木” are composed with four kanjis: “土”=“+t:ten” & “木”=“-one”. “土”=“+; ten” & “木”=“eight”. They can be read as 11&18, November 18.

November 18 is the day that JSCE was established in 1879. We have observed Civil Engineering Day on November 18 since then.

http://www.jsce.or.jp/committee/day/
JSCE Civil Engineering Heritage program recognizes significant national and international civil engineering structures every year. JSCE started this program in 2000 in order to increase civil engineers’ and public awareness and appreciation of civil engineering contribution to society and preserve significant civil engineering works.

**As of November 1, 2020**

**448 Designated Civil Engineering Heritage**

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Tokiwa Bridge (Chuo-ku, Tokyo)

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**118 recipients in 13 award categories**

JSCE Award Program has recognized significant projects and civil engineers who have made outstanding achievements since 1920. The JSCE Award Program has 13 awards/categories now and recognized 118 civil engineers, organizations and projects in 2019.

Major awards such as Tanaka Award, Yoshida Award and Outstanding Civil Engineering Achievement Award were established before the 1960s. These are considered to be highly prestigious award for the JSCE members.

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**JSCE Journal**

JSCE Journal publishes peer-reviewed research papers in 19 titles in 8 areas as of 2020. 192 research papers written in Japanese and 20 ones written in English were published in 2019.

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**Research & Study Committees**

JSCE has Academic Research Dept. and 29 Research & Study Committees. They implement research projects, hold seminars, symposiums and workshops, develop design standards and others throughout the year. 166 technical, academic, social networking events with 20,890 participants in total in 2019.

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**Research & Study Committees**

10 publications

JSCE publishes various technical references such as design specifications, research reports, journals and others.

10 publications in 2019

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**FY2020 Disaster Investigation and Analysis**

JSCE responds swiftly in the event of disasters in & outside the country: it sets up a disaster-response headquarters and dispatches the teams of civil engineering professionals to disaster-affected areas to investigate, collect data and propose measures to mitigate disaster risks and prepare for future disasters. In response to Yamagata Earthquake in June, torrential rain and flooding in Saga in August, Typhoon 19 in October, investigation teams were dispatched 5 times, in which 161 members participated. Since 1999, the JSCE has dispatched 396 members in investigation teams 38 times.

In Jan 2019, the Typhoon 19 investigation team headed by the JSCE President proposed a flood risk management with river basin river basin management.

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Go Online!
JSCE doesn’t hesitate to move a step forward even under the COVID-19 pandemic: it has implemented remote work, run its business as normal as it can do, and hold online meetings, seminars and symposium one after another since March 2020. On June 8, Symposium on railway infrastructure was held by Infrastructure Maintenance Committee, for example.

June to October 2020
48
As many as
200
events online
attendees/ event

P.E. Qualification & Professional Development Program
8058 registered Professional Engineers in the JSCE Civil Engineering Professional Qualification as of 2019
The qualification meets the MLIT’s requirements for civil engineers in 57 areas.

8058
registered P.E.s as of 2019

Grade 6: 1001, Grade 5: 2098
Grade 3&4: 1670, Grade1&2: 3289

https://committees.jsce.or.jp/opcet/shikaku

JSCE Annual Meeting
2020 JSCE Annual Meeting was held online due to the COVID-19 outbreak. The very 1st online annual meeting! 3826 research paper presentations made, and total 33458 participants at the meeting.

3826 presentations
33458 participants

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JSCE provides the members with JSCE CPD Program to support them to improve their professional abilities and skills, to manage their continuing education and license renewal requirements. https://committees.jsce.or.jp/opcet/cpd

JSCE, a pioneer of online CPD Program, has developed quality- & quantity-wise. In FY2019, “Introductory Civil Engineering Information Processing” and “Comparative Study of Disaster Management: floods, tsunamis, torrential rains” were offered on JMOOC. A full-year “Basic Bridge Maintenance” is offered in cooperation with International Maintenance Education Center, Nat’l Institute of Technology, Maizuru College.

https://committees.jsce.or.jp/opcet/01e-learning

International Communication
Developing communication and network among civil engineers beyond borders is one of JSCE’s missions. 52 seminars, symposiums and the like were held in collaboration with overseas counterparts and 303 participants from JSCE from 2004 to 2010.

52 Seminars & symposiums in collaboration with overseas counterparts

2019 Int’l Workshop for Young Civil Engineers

Members overseas

159

Participants from JSCE

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Communication with the public is very important. Not just via HP and news media, JSCE interacts with the public on SNS.

The Doboku Collection shows the unique and valuable films, photographs, maps, design drawings and documents which are stored in the JSCE Library.

https://dobokore8.webnode.jp/

The exhibition DOBOKU Collection 2019 visitors

35,000

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In FY 2019, JSCE issued Railway Infrastructure Health Report and published the picture book Railway Infrastructure Maintenance.

Furthermore, the JSCE issued a comprehensive Infrastructure Health Report in June 2020.

http://committees.jsce.or.jp/reportcard/

JSCE’s revenue

1.4 billion JPY

Revenue

1.36 billion JPY

Expense

1.35 billion JPY

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