2015 JSCE Annual Meeting

- Date: September 16 to 18
- Venue: Okayama University Tsushima Campus
- Grand Theme: “Civil Engineering to Create a Future Positive with Community- We are going to take a new step forward-“

~ International Program ~

1) International Roundtable Meeting (RTM)
   - Date and time: September 16 (Wed), 13:30~17:00
   - Venue: Large Lecture and Large Conference Room, 2F, Graduate School of Natural Science and Technology Bldg.
   - Theme: “Leveraging Big Data for Infrastructure Management and Sustainable Development”
   Please refer to the enclosures for further details.

2) The 17th International Summer Symposium (The 17th ISS) and International Workshop for Young Civil Engineers
   - <The 17th ISS>
     - Date and time: September 16 & 17, 9:00~12:00
     - Venue: Common Session Room, Faculty of Science Main Bldg.

   - <International Workshop for Young Civil Engineers>
     - Date and Time: September 16, 13:30-17:30
     - Venue: Lecture Room No. 1 & 2, 2F, Graduate School of Natural Science and Technology Bldg.

3) IAC Special Discussion
   - Date and time: September 16 (Wed), 10:20~12:20
   - Venue: Large Lecture and Large Conference Room, 2F, Graduate School of Natural Science and Technology Bldg.
   Theme: “Message to the Japanese Civil Engineering/ Construction Industry from former International Students who studied in Japan”
   ※Language: Japanese

4) Technical Tour
   - Date and time: September 17, 12:00-17:00 ※Time might be changed.
   - Sites to visit: Seto-ohashi Bridge, Seto-ohashi Commemorative Park and Museum

5) Networking Reception & Banquet
   - Date and time:
     1) Networking Reception: September 16, 18:00 to 20:00
        Venue: Okayama Castle
     2) Banquet: September 17, 18:00-20:00
        Venue: Okayama Plaza Hotel
全海外ゲスト対象
主催: 留学生、若手技術者

<table>
<thead>
<tr>
<th>9月16日(水)</th>
<th>9月17日(木)</th>
<th>9月18日(金)</th>
</tr>
</thead>
<tbody>
<tr>
<td>受付</td>
<td>受付</td>
<td>受付</td>
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<tr>
<td>会場</td>
<td>会場</td>
<td>会場</td>
</tr>
</tbody>
</table>

8:00

9:00
海外支部会議
自然科学研究科樓
2F,小会議室
9:00-10:00

10:00
特別討論会「元留学生が語る日本工業への注文」
理学部本館
9:00-12:00

11:00
自然科学研究科楼
10:20-12:20

12:00
受付

13:00

14:00
ラウンドテーブルミーティング
自然科学研究科樓
2F,大会議室
13:30-17:00

15:00
若手技術者WS
自然科学研究科樓
2F,第1&2講義室
13:30-17:30

16:00

17:00

18:00
ネットワーキングレセプション
岡山城
18:00-20:00

19:00
交流会
岡山プラザホテル
18:10-20:10

20:00

20:00

期間:2015年 9月16-17日 ※全国大会期間 9月16-18日
会場:岡山大学 津島キャンパス
主催: JSCE 国際センター

第17回インタナショナルサマーシンポジウム
理学部本館
9:00-12:00

海外支部会議
自然科学研究科樓
2F,小会議室
9:00-10:00

第17回インタナショナルサマーシンポジウム
理学部本館
9:00-12:00

第17回インタナショナルサマーシンポジウム
理学部本館
9:00-12:00

第17回インタナショナルサマーシンポジウム
理学部本館
9:00-12:00

レセプション

ネットワーキングレセプション
岡山城
18:00-20:00

交流会受付

交流会
岡山プラザホテル
18:10-20:10

Period : September 16 & 17  ※2015 Annual Meeting : Sept 16-18  
Venue: Okayama University Tsushima Campus  
Organizer: JSCE Int’l Activities Center (IAC)

<table>
<thead>
<tr>
<th>Sept 16 (Wed)</th>
<th>Sept 17 (Thu)</th>
<th>Sept 18 (Fri)</th>
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</thead>
<tbody>
<tr>
<td><strong>Event/Venue</strong></td>
<td><strong>Event/Venue</strong></td>
<td><strong>Event/Venue</strong></td>
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<td>8:00</td>
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<tr>
<td>9:00</td>
<td>JSC Int’l Chapter Meeting 9:00-10:00</td>
<td>15:00</td>
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<tr>
<td>10:00</td>
<td>IAC Special Discussion</td>
<td>The 17th Int’l Summer Symposium 10:00-12:00</td>
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<tr>
<td>11:00</td>
<td>Grad. School of Natural Science and Technology Bldg. 2F 10:20-12:20</td>
<td>15:00</td>
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<td>12:00</td>
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<td>17:00</td>
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<td>13:00</td>
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<td>16:00</td>
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<tr>
<td>17:00</td>
<td>IAC Special Discussion</td>
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<tr>
<td>18:00</td>
<td>Networking Reception Okayama Castle 18:00-20:00</td>
<td>Banquet Registration Okayama Plaza Hotel 18:10-20:10</td>
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<td>19:00</td>
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<td>20:00</td>
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The year 2015 will be a very important year for people around the world to consider what direction mankind should take for the future. In March, the 3rd UN World Conference on Disaster Risk Reduction was held in Sendai, Japan, where the framework for action in disaster management and reduction for the next 15 years was adopted. In September, the UN General Assembly will decide on post Millennium Development Goals (MDGs), followed by the 21st UN Framework Convention on Climate Change (COP21), which is to be convened in Paris in December to adopt a new framework to reduce emissions of greenhouse gasses.

This series of international conferences may be debating different issues, but they will be sharing one grand theme: sustainable development. While we engage in the act of development dedicated to human well-being, there is still inherent risk involved deriving from issues of population, land use, economy, governance, etc. This inherent risk in the act of development may trigger crises of human security when joined by extreme natural phenomena such as water related hazards, volcanic eruption or climate changes, posing critical danger and possibly causing devastating damage to food, energy, water, and biodiversity as well as human lives. It is thus important to holistically understand the relationship between issues of human society and human security, based on which we can prevent possible future risks, reduce present risks and build resilience that will help quick recovery from devastation.

To realize sustainable development we need to develop an inter-disciplinary and trans-disciplinary strategy by effectively working with Big Data in terms of volume and variety of data. In cooperation with ICT communities, we should develop innovative and doable technologies and policies for improving infrastructure, such as evidence-based disaster risk reduction, smooth transportation supported by mobile ICT, urban resilience expressed by integrated indicators, and sensor network based maintenance of infrastructure including roads, bridges and sewage systems.

This RTM discusses how we can develop and improve infrastructure towards sustainable development by sharing Big Data science updates and its applications introduced by a leading IT scientist and exchanging experiences and ideas among participating countries.
Agenda

September 16
13:30-13:40 Opening Remarks
13:40-14:10 Keynote on “Era of Big Data and its Future”
14:10-15:30 Presentations by AOC societies ※approx. 8 min. per presentation
15:30-15:50 Break
15:50-16:50 Panel Discussion including the summary of questionnaire answers
16:50-17:00 Summary and Closing Remarks
※Subject to change
Describe the status of data sharing in the field of civil engineering in your country.

<table>
<thead>
<tr>
<th>Subject areas</th>
<th>Data contents</th>
<th>Type of data sharing:</th>
<th>Measure of data sharing:</th>
<th>Data sharing policy</th>
<th>Data format</th>
<th>Purpose and history of data sharing</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Example) Rivers, water resources and waste water</td>
<td>All the dataset of MLIT observation on precipitation, water level, discharge, water quality, ground water level, ground water quality, snow depth, and coastal conditions. Detail is available at <a href="http://www1.river.go.jp">http://www1.river.go.jp</a></td>
<td>all</td>
<td>On-line; real-time for some of the data</td>
<td>Some open, some upon account registration/restricted</td>
<td>Various formats - depends on data type</td>
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<tr>
<td>Disaster risk reduction</td>
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<tr>
<td>Infrastructure maintenance and management</td>
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<td>Transportation and logistics</td>
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<tr>
<td>Country and regional planning</td>
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<tr>
<td>Construction management</td>
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</tr>
</tbody>
</table>
(2) Describe the needs for data sharing in the field of civil engineering in your county.

<table>
<thead>
<tr>
<th>Target area</th>
<th>Purpose</th>
<th>From the viewpoint of Governmental sector</th>
<th>From the viewpoint of Academic sector</th>
<th>From the viewpoint of Private sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Example) Disaster risk reduction</td>
<td>Real time, sound information on extreme weather events...</td>
<td></td>
<td>On-line, systematic access to a quality-checked data on extreme meteorological and hydrological events</td>
<td>Timely, on-line information on disasters – forecast and monitoring...</td>
</tr>
<tr>
<td>Disaster risk reduction</td>
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<tr>
<td>Infrastructure maintenance and management</td>
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<td>Transportation and logistics</td>
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<td>Country and regional planning</td>
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<td>Construction management</td>
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<tr>
<td>Rivers, water resources and waste water</td>
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<tr>
<td>Coast and port</td>
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<tr>
<td>Soil and ground</td>
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<tr>
<td>Construction material</td>
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<tr>
<td>Other</td>
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</tbody>
</table>
Describe the status of development of a data sharing and integration system in your country.

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Development and Maintenance Organization</th>
<th>Data storage capacity</th>
<th>Amount of data (number of files, amount)</th>
<th>Data policy</th>
<th>Search function</th>
<th>Data integration function</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Example) Disaster risk reduction, Rivers, water resources and waste water, Soil and ground</td>
<td>Data Integration and Analysis System (DIAS), The University of Tokyo</td>
<td>27 PB</td>
<td>8 PB, Detail is available at <a href="http://www.editoria.u-tokyo.ac.jp/projects/dias.dev/about/data/">http://www.editoria.u-tokyo.ac.jp/projects/dias.dev/about/data/</a></td>
<td>Some are open to public, some are account registration, and some are restricted to limited members</td>
<td>Search function is available</td>
<td>Workbench projects for data integration is ongoing</td>
</tr>
</tbody>
</table>

Disaster risk reduction
Infrastructure maintenance and management
Transportation and logistics
Country and regional planning
Construction management
Rivers, water resources and waste water
Coast and port
Soil and ground
Construction material
Other
[3] Registration & Accommodation

Please fill in and email/fax this form to JSCE International Activities Center
E-mail (iad@jsce.or.jp), Fax (+81-3-5379-2769)
Deadline: Friday, August 14, 2015

1. Registration

Please put “Y” for the events which your delegation will participate in.

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Int’l Chapter Meeting</td>
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<tr>
<td>Int’l Summer Symposium</td>
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<tr>
<td>IAC Special Discussion Session (in Japanese)</td>
</tr>
<tr>
<td>Int’l RTM</td>
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<tr>
<td>Int’l WS for Young Civil Engineers</td>
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<tr>
<td>Networking Reception</td>
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<tr>
<td>Int’l Summer Symposium</td>
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<tr>
<td>Technical Tour</td>
</tr>
<tr>
<td>Banquet</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Date &amp; Time</th>
<th>Wed, Sept 16</th>
<th>Thu, Sept 17</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 - 10:00</td>
<td>INT’L SUMMER SYMPOSIUM</td>
<td>9:00 - 12:00</td>
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<tr>
<td>9:00 - 12:00</td>
<td>IAC SPECIAL DISCUSSION SESSION (IN JAPANESE)</td>
<td>12:00 - 17:00</td>
</tr>
<tr>
<td>10:20 - 12:20</td>
<td>INT’L RTM</td>
<td>18:00 - 20:00</td>
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<tr>
<td>13:30 - 17:00</td>
<td>INT’L WS FOR YOUNG CIVIL ENGINEERS</td>
<td>18:10 - 20:10</td>
</tr>
<tr>
<td>13:30 - 17:30</td>
<td>NETWORKING RECEPTION</td>
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<tr>
<td>18:00 - 20:00</td>
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</tbody>
</table>

Note: International Chapter Meeting only for the members of JSCE International Sections.
2. Accommodation

Please provide your choice of lodging (from the hotel list in Enclosure [5] Accommodation) and flight information.

<table>
<thead>
<tr>
<th>Name</th>
<th>Hotel</th>
<th>Room Type</th>
<th>Check-in (Date &amp; Time)</th>
<th>Check-out (Date &amp; Time)</th>
<th>Arriving flight</th>
<th>Returning flight</th>
</tr>
</thead>
</table>

**NOTE:** Please provide us with a contact person for your delegation so that the travel agent would work with you regarding accommodation and other travel arrangements if needed.

a) Contact Person:
b) Affiliation:
c) Address:
d) Tel/ Fax number:
e) Email address:

If you have reserved, or are going to reserve rooms at a hotel yourself, please provide us with your hotel information.

Name of hotel:
Address
Phone number:

Comments:
Okayama City & Okayama Univ. Tsushima Campus

Access Map
**Access to Okayama Univ. Tsushima Campus**

1. From Okayama Airport

   Limousine bus services are available from the airport to JR Okayama Station. It is about 30 minutes. Then, take a taxi or local Okaden Bus from the station to Okayama Univ. Tsushima Campus. It is about 10 minutes.
   - Limousine bus fare per person: 760 Japanese yen per adult
   - Local bus fare: 210 Japanese yen per adult

Or, take a taxi from the airport to Okayama Univ. Tsushima Campus. It is about 30 minutes and fare is approximately 5,000 Japanese yen.
2. From Tokyo International (Haneda) Airport
Take Keihinkyuko (Keikyu) Airport Line to JR Shinagawa Station (15 minutes). Then change to JR Tokaido Shinkansen Line (Nozomi express), and get off at Okayama Sta. It is about 3h 20 min.
- Keikyu Airport Line fare is 410 Japanese yen per adult.
- Shinkansen fare (a reserved seat) is approximately 16,700 Japanese yen per adult.

Then, take a taxi or local Okaden Bus from the Okayama Station to Okayama Univ. Tsushima Campus. It is about 10 minutes.

Transportation and Tourist Information
Okayama Airport: http://www.okayama-airport.org/en/
Tokyo Intl (Haneda) Airport: http://www.haneda-airport.jp/inter/flight/company_list.html
JR Tokaido Shinkansen: http://jr-central.co.jp/

Okayama Prefecture:
- Okayama Visitors and Convention Association:

- Okayama Prefectural International Tourism:

Okayama University

JR Okayama Sta.

Okayama Castle & Korakuen Park

PLAZA HOTEL
## Accommodation

<table>
<thead>
<tr>
<th>Hotels</th>
<th>Rates (¥)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Single per person</td>
</tr>
<tr>
<td></td>
<td>Twin per person</td>
</tr>
<tr>
<td><strong>A</strong> Hotel Granvia Okayama</td>
<td>¥13,500</td>
</tr>
<tr>
<td><a href="http://granvia-oka.co.jp/">http://granvia-oka.co.jp/</a></td>
<td>¥11,500</td>
</tr>
<tr>
<td><strong>B</strong> Ark Hotel Okayama</td>
<td>¥8,000</td>
</tr>
<tr>
<td><a href="http://www.ark-hotel.co.jp/okayama/">http://www.ark-hotel.co.jp/okayama/</a></td>
<td>¥7,000</td>
</tr>
<tr>
<td><strong>C</strong> Okayama Washington Hotel Plaza</td>
<td>¥7,700</td>
</tr>
<tr>
<td><a href="http://washington.jp/okayama/">http://washington.jp/okayama/</a></td>
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</tr>
</tbody>
</table>

The above listed hotel rates are per person per night, including breakfast, tax and service charges. In the above hotels, in-room Internet access is provided through LAN cable.

### Hotel reservation cancellation policy

<table>
<thead>
<tr>
<th>Cancellation notice</th>
<th>4 to 2 day prior to check-in</th>
<th>1 day prior to check-in</th>
<th>Check-in date</th>
<th>No show</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charges</td>
<td>20% of full stay room charge</td>
<td>40% of full stay room charge</td>
<td>50% of full stay room charge</td>
<td>100% of full stay room charge</td>
</tr>
</tbody>
</table>

A credit card is necessary to make a reservation. Please provide the travel agent below with your credit card information. If yours are used for your delegation for guarantee purpose only, please notify the travel agent in advance. The travel agent will advise the hotel to accept credit card payment from each member of your delegation.

- **JTB Chugoku-Shikoku Okayama Branch**
  
  **Japan Society of Civil Engineers Desk**

  **Mr. Takeo Tamamoto**

  Address: 1-7-36 Omote-cho, Kita-ku, Okayama-shi, Okayama 700-0822
  
  Tel: +81-(0)86-231-9370/ Fax: +81-(0)86-223-7759
  
  E-mail: t_tamamoto662@cs.jtb.jp
  
  Office Hours: 10:00-18:00 ※Japan time