International Forum
October 26, 2014

• Introduction of Japan Concrete Institute
• 50th Anniversary of JCI in 2015
• ACI-JCI Collaboration

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Japan Concrete Institute

Brief History of JCI
1961 Founded as Japan Chapter of ACI
1963 Launch of Concrete Journal
1965 Establishment of Japan National Council on Concrete
1970 Concrete Engineer Certification System
1975 Name changed to Japan Concrete Institute
1975 Beginning of JCI Awards
1979 JCI Annual Convention
2001 Concrete D & M Engineer Certification System
2005 Establishment of 8 Chapters
2011 ACI-JCI 50th Anniversary Dinner
2014 ACI-JCI Joint Seminar in Hawaii

Membership

Membership Breakdown Industry

Public offices 4.7%
Products 4.3%
Concrete materials 6.3%
Design consulting 18.5%
Construction 26.7%
Academic 18.3%
Construction 26.7%
Others 15.4%

570 committees and WGs have been held last year

Committee

Technical Committees
Committees for Concrete Technology
Standards Committees
Annual Convention Committees
Editorial Committee
International Committee
Qualification Committees
e.t.c

JCI includes 59 committees and 138 WGs.

Publications

Advanced Concrete Technology
Technical Committee Reports
Proceedings of various Int’l symposium or Conferences.
Various Practical Guidelines
(in English Version)

“Guidelines for Control of Cracking of Mass Concrete 2008” was a text for a joint ACI-JCI Seminars at the Fall Convention in 2011

JCI awards

Honorary Membership Award
Best Paper Award
Technology Award
Paper Encouragement Award
Best Work Award
Meritorious Deeds Award

A Plaque for JCI Honorary Membership Award
International Cooperation

ACI (American Concrete Institute)
fib (International Federation for Structural Concrete)
RILEM (International Union of Laboratories and Experts in Construction Materials, systems, and Structures)
ISO/TC71 (International Standards Organization/Technical Committee Concrete)
KCI (Korean Concrete Institute)
ACF (Asian Concrete Federation)
IBRACON (Brazilian Concrete Institute)
IMCYC (Mexican Institute of Cement and Concrete)

Qualifications of Concrete Engineers licensed by JCI

Registered Authorized Concrete Engineer
42,550 people

Registered Authorized Chief Concrete Engineer
9,941 people

Registered Concrete Diagnosis & Maintenance Engineers
10,500 people

Total: 62,991 Concrete Engineers have been registered as of April 2014

Annual Convention

The 50th anniversary of JCI foundation

July 12: the memorial events will take place.
13: 2nd ACI & JCI joint seminar, International symposium
Venue: Nihon Toshi Center Hall in Tokyo
Chaired by Prof. Maruyama
14 ~ 16: Annual Convention
Venue: Makuhari Messe in Chiba
Chaired by myself
Call for papers.

The 50th anniversary of JCI foundation

International Conference on Regeneration and Conservation of Concrete Structures (RCCS)
Date: June 1-3, 2015
Venue: Nagasaki Brick Hall, Nagasaki, Japan

Conference Topics
Regeneration and conservation of existing reinforced concrete structures which have been in long-term service.

- Deterioration mechanisms
- Deterioration simulation models
- Durability design
- Facility management
- Regeneration approaches
- Condition assessment
- Nondestructive methods and approaches
- Monitoring methods
- Repair and retrofitting
- Modern materials technology
- Conservation of structures

Technical visit of Gunkan (Battleship) Island
Gunkan Island

The island’s shape resembles the Japanese battleship “Tosa,” which leads to the name “Gunkan” (battleship in Japanese).

Gunkan Island can be seen as a symbol of Japanese modernization because the first RC apartment houses were built in the island in Japan. At present, however, the island is also a symbol of structural ruins in Japan.
The 50th anniversary of JCI foundation

Information

Important Dates:
Submission of abstract: **June 30, 2014**
Submission of full paper: **Oct. 31, 2014**

Conference website:
http://www.jci-net.or.jp/~info-rccs/index.html

Contact address:
info-rccs@jci-net.or.jp

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ACI & JCI collaboration

ACI and JCI agreed to collaborate on technical works.

Action

- 1st Joint workshop
- Title of WS: Disaster prevention/mitigation works: against earthquake and tsunami
- Date: July 17 in 2014
- Venue: Hapuna Beach Prince Hotel in Hawaii