

## International Forum

October 26, 2014

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

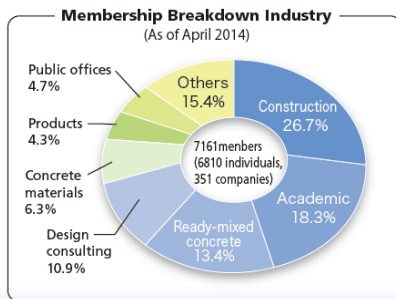
By Prof. FACI Hiroshi Mutsuyoshi (Saitama Univ.)



## 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



## 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.

570 committees and WGs have been held last year

## 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 for April 2014**

## Annual Convention



Takamatsu in 2014  
Makuhari(Chiba) in 2015

## The 50<sup>th</sup> anniversary of JCI foundation

July 12 : the memorial events will take place.  
ACI and some other partnerships are  
invited.

13 : 2<sup>nd</sup> 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 50<sup>th</sup> 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**

Organized by   
Co-Organized by 

## The 50<sup>th</sup> anniversary of JCI foundation

### 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).



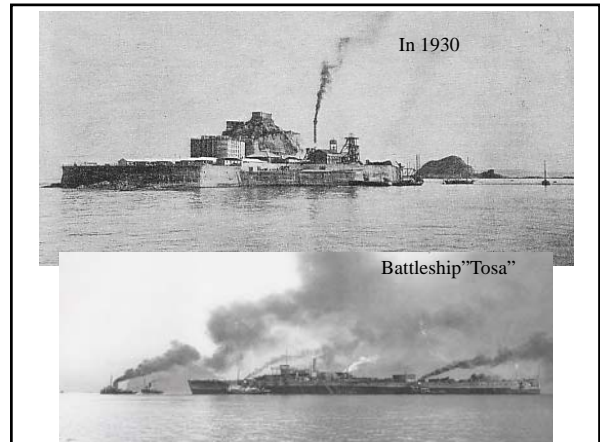
Japanese first apartment



Outward

Inside

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 50<sup>th</sup> 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

## ACI & JCI collaboration

ACI and JCI agreed to collaborate on technical works.

### Action

■ 1<sup>st</sup> 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

