
Activity Report 2013

Fiscal Year 2013 (1 Apr 2013 – 31 Mar 2014)

I. Research Activities

1. Established and issued the Gyropress (rotary cut press-in) Design/Construction Manual.
2. Published the 3rd IPA research proceedings titled “Press-in Engineering 2013,” and distributed it to the Japan National Diet Library as well as to related academic/research associations and universities.

II. International Workshop Activities

1. Held the 6th IPA Press-in Engineering Seminar, the 2nd young researchers’ workshop, and the first foreign researchers’ seminar in Kochi in July 2013.
 - 1-1. The 6th IPA press-in engineering seminar at the Sunpia Chres, Kochi, from 13:30 to 17:15 on 9 July 2013. Some 240 people including foreign students from a total of 12 different countries attended the following lectures:

Lecture 1: Results of Cambridge - Giken joint research and possible application to press-in construction site

S. Haigh Cambridge University

Y. Ishihara Giken Ltd.

Lecture 2: Long-term flood measures for the Nankai Earthquake

T. Nonomura City of Kochi

Lecture 3: Applications of press-in piling in South-East Asian countries

T.L. Goh Atsunew Giken Pte Ltd.

Lecture 4: Applications of press-in piling in Japan

Y. Kimura Giken Ltd.

- 1-2. The 2nd young researchers’ workshop at the Kochi corporate office of the Giken Ltd. from 08:30 to 11:00 on 10 July 2013. 40 people from 6 universities in 9 countries participated, and contributed to international development of the press-in technology, presenting the following short talks:

Topic 1: Applications of press-in technology and implant structures to disaster prevention, and fundamental understanding of necessary role of IPA

K. Ishii Giken Ltd.

Topic 2: Press-in method by cyclic loading

F.B. D'Arezzo Cambridge University

Topic 3: Pile penetration experiment and numerical analysis

T. Kimura Tokyo University

Topic 4: Numerical analysis and experiment of dynamic loading tests on open-tip piles

P.T. Le Kanazawa University

Topic 5: Experiment on lateral loading of pile foundation

Y.S. Umsever Kanazawa University

Topic 6: Study on the effect of steel sheet pile reinforced breakwater against Tsunami

R. Mizuno Tokyo Univ. of Science

Topic 7: Effect of press-in piling on underground pile buried in soft clay in Shanghai

X. Li Tongji University

- 1-3. The first foreign researchers' seminar at the Kochi corporate office of the Giken Ltd. from 13:00 to 16:10 on 10 July 2013. 24 people attended from four countries. Inviting researchers and engineers from the Asian countries where a new foreign market is expected, researches into press-in technology were discussed on the following topics:

Topic 1: Fundamental understanding necessary for the promotion of IPA activities in Asia

K. Ishii Giken Ltd.

Topic 2: Proposal of concrete research themes

T. Nozaki Giken Ltd.

Topic 3: Past, present and future of press-in technology promotion in Singapore

T.L. Goh Atsunew Giken Pte Ltd.

Topic 4: Research proposal and recognition of press-in technology in Singapore

C. F. Leung National Univ. of Singapore

Topic 5: Insight into static press-in piling in China

F.L. Peng Tongji University

Topic 6: On the acceptance of press-in technology at the local government level in Malaysia

N.A. Yusoff Univ Tun Hussein Malaysia

2. Prepared for the 5th IPA International Workshop in 2014

Drs. Matsumoto, Okumura and Ishii visited Viet Nam from 26 November to 6 December, 2013 to consider an appropriate venue, possible site visit, and workshop programmes.

3. Reinforcement of industry-academia-government collaboration

3-1 Exchanged information with ASCE, DFI, ICSMFE, Society of Chinese Civil Engineers, Society of Shanghai Civil Engineers and so forth.

Dr. Okumura visited Shanghai on 17 – 21 July 2013 for an ACUUS conference, giving a seminar and exchanging information.

Dr. Okumura attended an evaluation meeting by international experts in Qingdao on 23 to 25 November, 2013 on underground space use in Qingdao prepared by Tongji University.

3-2 Reinforced mutual relationships with Tongji University, National University of Singapore, University of Tun Hussein of Malaysia, Viet Nam National University - Ho Chi Minh University of Technology (HCMUT), and Ho Chi Minh City University of Architecture (UAH)

III. Committee Activities

1. Annual General Assembly

Annual General Assembly 2013 was held by e-mail on 1st through 19th April 2013 and everybody agreed with the following four agenda:

Agendum 1: Activity report 2012;

Agendum 2: Income and expenditure report 2012 & auditor's report;

Agendum 3: Activity plan 2013; and

Agendum 4: Budget 2013

2. Executive Board Meeting

Executive Board Meeting 2013 was held by e-mail on 28th January to 4th February 2014, and the following agenda were approved.

Agendum 1: Modified budget 2013; and

Agendum 2: Report on new members 2013

3. Research Committees

The 1st Research Committee meeting was held on 30th January, 2014, and recommended themes for the 5th IPA research grant award were discussed.

4. Public Relations Committee

Reinforcement of the IPA website, creation of new websites for IPA members, enhancement of presentation tools, and public relations activities like press release were actively carried out.

IV. Public Relations

1. Updating the IPA Website.

1-1. Added and updated articles on the IPA Website for the activities and publications.

1-2. A new website was created and activated for IPA members only/

2. Lectures

On 6th June 2013, Secretary General Dr Okumura lectured “The latest IPA activities” at the JPA General Assembly.

3. Press release

Released occasionally the results of the 4th IPA International Workshop, the workshop’s reporting events and researches to the press.

V. Service for IPA Members

1. Recruiting New Members

IPA Promotion Team from the Giken Ltd. supported to recruit new Individual and Corporate Members.

As of 31st March 2014: Total of Individual member: 481

Total of Corporate member: 26