
Report 1: Activity Report 2021

Fiscal Year 2021 (1 Apr 2021 – 31 Mar 2022)

Introduction Remarks

Some activities of the IPA were hampered by the spread of COVID-19. But in this difficult situation the IPA tried hard to fulfill its tasks described in the Activity Plan 2021 to promote the purposes of the IPA.

This report is made in the same format as the Activity Plan 2022 i.e., on the basis of the five Standing Committees. We hope that this format makes it easier for the IPA members to compare and understand the report and the plan.

1. Research Committee

A) Technical Committees

a. Technical Committee 4 (TC-4)

Research Subject: Vertical performance and construction management of sheet piles installed by the Press-in Method and tubular piles installed by Rotary Cutting Press-in Method

Activities:

- TC-4 is a three-year research activity from 2019, and the fiscal year 2021 was the final year for this activity. TC-4 proposed an extension of one year until the fiscal year 2022, which was approved by the Research Committee.
- Six oral presentations were made on ICPE 2021.
- An interim report for 2020 has been prepared.
- Work began on the final report.

b. Technical Committee 5 (TC-5)

Research Subject: Influence of operator skill and experience on field performance of Press-in Piling

Activities:

- TC-5 is a three-year research activity from 2020, and the fiscal year 2021 was the second year for this activity.
- One oral presentation was made on ICPE 2021.
- A questionnaire was prepared for the steel sheet pile method.
- In the fiscal year 2021, several working group meetings were held.
- A Joint meeting was held with the Technical Committee of Japan Press-in Association

(JPA).

- A manuscript introducing the activities of TC5 was contributed to the Press-in Journal of JPA.
- An interim report for 2021 has been prepared.

c. Technical Committee 6 (TC-6) - *China

Research Subject: Investigation and analysis of the development status of Press-in technology in China

Activities:

- TC-6 is a three-year research activity from 2021, and the fiscal year 2021 was the first year for this activity.
- A questionnaire for market research was developed and a survey commission was carried out.
- In the fiscal year 2021, three working group meetings were held.
- An interim report for 2021 has been prepared.

B) Case history

a. Case history volume -2

Candidate articles were collected and categorized after obtaining the permission to publish from the publishing company of the Proceedings of ICPE 2021.

b. Calling for project case histories on the press-in piling method

- A working group has been established.
- Chairperson: Tatsunori Matsumoto (Honorary Professor, Kanazawa University)
- Secretary: Tsunenobu Nozaki (IPA)
- The scheme has been uploaded at the IPA webpage and invitation letters have been circulated.

C) IPA Library (collection of books)

165 books (Japanese books 132, English books 33 are included) were furnished and the total number of books is 799 in the fiscal year 2021.

D) The Press-in Engineering Seminar

The selection of the theme and the content of the lecture were discussed.

- The theme in 2022 will be heavy rainfall disasters (slope failure or flood damage).
- Keynote speech (1 - 2 speeches) and Press-in construction case history (1 case) were planned.

2. Development Committee

A) Multilingualization of the Press-in Handbook

English, Russian, Thai, Portuguese, Spanish and French versions have been completed. In addition, Vietnamese, German and Arabic languages has be

progressed simultaneously.

B) Seminars on Press-in Technology

a. China

On hold due to current COVID-19 situations.

b. Asia and other regions

Due to the prolonged COVID-19 situation, all the plans for seminars have been postponed. However, the IPA has determined that Taiwan should be the next venue for the next fiscal year.

C) Specifications of the Press-in Piling Method

Background and Project Objectives

There are no comprehensive specifications of the press-in piling method to be provided for the global construction market as yet. Therefore, it is advantageous to provide a comprehensive “Specification of Press-in Piling Method” for project specifiers in the construction industries, to ensure that the press-in piling method is easily specified in construction projects.

- The working group has been established.

Chairperson: TBC

Co-chair: Tsunenobu Nozaki (IPA)

Editorial Committee members: Osamu Kusakabe, Masaaki Terashi, Andrew McNamara, Goh Teik Lim, Jiro Takemura and Yukihiro Ishihara

- The structure (Table of Contents) of the specification has been drafted.
- Start drafting the specification.

D) Periodic interaction with other organizations in various countries

a. China

The IPA has established a new technical committee TC-6 (Investigation and analysis of the development status of Press-in technology in China), which will be handled by the Research Committee.

b. Japan

- The joint seminars with JPA were held in February 2021. IPA has been focusing on the global market more this fiscal year.
- “Press-in Retaining Structures: A Handbook 2020 (Japanese)” has been revised and published as the second printing.
- JPA corporate members continue to participate in working groups of Technical Committees 4 (TC-4) and 5 (TC-5).

E) ICPE2021

The ICPE 2021 was successfully held online on 19th and 20th June 2021. 430 participants from 19 countries and regions attended the conference. IPA funded the sum of JPY 2,000,000- (JPY 1,000,000- this fiscal year) to the ICPE2021 Organizing Committee.

Singapore was selected as the venue for the next ICPE i.e., ICPE2024. The IPA provided an action list for the preparation of the event.

3. Publicity Committee

A) IPA Newsletters

The quarterly publication of the IPA Newsletter continued in the fiscal year 2021 as follows.

- Vol.6, No.2 June 2021 29 pages
- Vol.6, No.3 September 2021 35 pages
- Vol.6, No.4 December 2021 25 pages
- Vol.7, No.1 February 2022 64 pages

The fifth bound version No.5 in a hard cover which contains the four issues (Vol.6, No.1 to No.4) was published in March 2022.

The Editorial Board Committee decided to start holding regular meetings this year in order to share information and exchange ideas among the committee members. We held 4 meetings in this year.

B) Booklet-1: Development history of Silent Piler

The booklet was published in February 2022 with Japanese and English version including “Development of Press-in Machinery”, “Utilization of monitoring data during press-in piling” and other contents. Publication of this booklet is a part of IPA 15th year anniversary project.

4. Awards Committee

In accordance with the selection of the Awards Committee the following awards were presented at the time of ICPE 2021:

- Outstanding Project Award: 2 projects, 5 corporations and 3 individuals
- Innovative Technology Award: 2 papers, 4 corporations and 2 individuals
- Distinguished Research Award: 2 papers, 8 individuals
- Life-Long Contribution Award: 1 individual

According to the selection of the Awards Committee in cooperation with the organizing committee of ICPE, the ICPE Best Paper Award was presented at the time of ICPE 2021 to the following:

5 papers and 20 individuals

5. Administration Committee

A) Recruitment of Directors to enhance IPA activities as well as the cultivation of the next generation in the organization.

As a result of recruiting IPA Directors with regional consideration for diversification of IPA activities, new IPA Directors were selected from Turkey. Additionally, the Nomination Committee prepared the short list including younger generations.

B) Aiming for globalization through enhancement of the possible establishment of IPA Regional Office.

The Regional Offices contributed to the IPA activity through writing articles in

Newsletters.

C) Aiming for economic self-sustainability operation

The IPA kept applying the economic self-sustainability principle to events. The ICPE2021 was held in the fiscal year 2021 with this principle.

D) Soliciting young researchers and engineers' participation in the editing process of technological books and papers with respect to the Press-in technology

The IPA held ICPE2021 and encouraged young researchers and engineers to join our activities.

E) Driving collaborative activities with the Japan Press-in Association (JPA) for viable study or research work

Currently progressed as planned.

6. Others

A) General Assembly

The General Assembly was held during the period of 24th to 28th May 2021 (five days), approving the new Board Members together with the Activity Report and Income and Expenditure Statement for the fiscal year 2020, the Activity Plan and Budget for the fiscal year 2021.

B) Board of Directors meeting

- Due to COVID-19, the Board of Directors could not meet physically this fiscal year. A Zoom meeting was held on 11th June 2021 with the participation of 24 Directors and 1 Auditor. The Directors unanimously approved proposals on Vice Presidents, Chairs of the Standing Committees and Secretary General.

- An e-mail meeting was held on 2nd to 6th November 2021 with the participation of 26 Directors and 1 Auditor. The Directors unanimously approved proposals on the next ICPE and the forming of the Nomination Committee.

- Another e-mail meeting was held on 22nd to 25th March 2022 with the participation of 23 Directors and 2 Auditors. The Directors unanimously approved proposals including new Directors, the draft Activity Plan and the Budget for the next fiscal year.

C) Steering Committee

The Steering Committee consists of the President, all Chairs of the Standing Committees, Executive Director and Secretary General. There were two online meetings on 2nd December 2021 and 22nd February 2022. The main agendas of the meetings included the Activity report of the fiscal year 2021, the Activity Plan of the fiscal year 2022 and the agendas for the next Board of Directors meeting and the General Assembly.

D) Memberships

Numbers of IPA members as of 31st March 2022

Individual members	711	[Last year 680	(+31)]
Student Members	76	[Last year 61	(+15)]
Corporate members	53	[Last year 54	(-1)]

Report 2: Income and Expenditure Statement for 2021

Income & Expenditure Statement for the Fiscal Year 2021

Period : 1st Apr. 2021 - 31st Mar. 2022

(Unit: JPY)

Items	2021 Budget	2021 Actual	Note
Operating Activity			
1 Operating Income			
① Membership Fee			
Individual Member's Annual Fee	7,000,000	7,150,000	
Corporate Member's Annual Fee	7,100,000	7,300,000	
② Contribution			
Contribution	16,000,000	16,000,000	
③ Miscellaneous Income			
Research commission	235,000	0	
Sales of Books	4,500,000	5,569,500	Design and construction manual of the Press-in Method (JP version) - March 2020, etc.
Other Income	10,000	4,206	
Total Operating Income	34,845,000	36,023,706	
2 Operating Expenditure			
① Expenditure for Conference and Seminar			
2nd International Conference on Press-in Engineering (ICPE2021)	1,000,000	1,000,000	Financial aid to ICPE2021 Organizing Committee
Press-in Seminars on overseas (for the Press-in Handbook)	1,200,000	0	Seminar in Taiwan, Indonesia, China *Postponed
② Expenditure for Publication			
Design & Construction Manual of the Press-in Method, March 2020 (JP version)	3,000,000	4,147,331	Reprinting cost
Press-in Handbook 2nd edition (EN version)	3,050,000	1,918,261	Editing and printing cost
Press-in Handbook 2nd edition (Other languages)	2,500,000	7,255,123	French, Russian, Portuguese, Spanish, Thai, etc.
Case History Volume 2	500,000	77,001	Preparation cost
IPA Newsletter	1,000,000	711,344	Published in March 2022 (bound version #5)
The History of Silent Piler	600,000	734,800	Editing and printing cost
Other Publications (Proceedings of ICPE2021, etc.)	1,200,000	1,155,000	Proceedings of ICPE2021
③ Expenditure for Research Activity			
Board of Directors' meeting / Steering committee expenses	5,100,000	0	Travel expense, etc.
Research committee / Technical committee expenses	1,000,000	1,000,000	TC1, TC3, TC4, TC5 and new TC(s)
Awarding expenditures	100,000	125,840	Trophies, Certificates, etc. for 3 Award categories
IPA library	2,400,000	1,253,221	Books for IPA Library, etc.
Other activities (e.g. Participations to other conferences)	1,300,000	0	Registration fees, costs for interviews on construction project
④ Administrative Expenditure			
Celebration of the 15th Establishment Anniversary of IPA	1,000,000	363,000	Cost for celebration, etc.
System maintenance	2,090,000	1,666,698	System maintenance on IPA website, etc.
Membership cards and certificates	20,000	0	
Printing expenditures	30,000	60,026	Greeting Cards, Envelopes, etc.
Postage cost for international / domestic	500,000	241,925	Shipping cost of IPA's publications
Communication expenses	100,000	95,529	Telephone charge
Director's remuneration	10,860,000	10,968,810	
Lease expenses	3,460,000	3,284,324	Office rent, Copy machine, etc.
Outsourcing expense	1,710,000	1,641,204	Certified accountant fee, and etc.
Commission expense	280,000	384,382	Bank charges
Office supplies expense	150,000	204,940	
Miscellaneous expense	210,000	299,183	
Total Expenditure	44,360,000	38,587,942	
Surplus / (Deficit) of Income over Expenditure	(9,515,000)	(2,564,236)	
Balance brought from the Previous Year	14,493,324	14,493,324	
Surplus / (Deficit) of the Current Year	(9,515,000)	(2,564,236)	
Amendment of Prior Year Balance		553,728	Please refer to "Note 1" for details.
Balance carried forward to the Next Year	4,978,324	12,482,816	

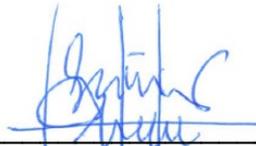
Note1: The amendment of prior year balance is to correct the discrepancy between the accounting record and cash balance in the fiscal year 2017 and before that were detected as a result of further examination so that the balance carried forward is correspond to the actual cash balance.

Note2: The Income & Expenditure Statement of ICPE 2021 is attached on this agenda for reference.
Please refer to "Appendix: Income & Expenditure Statement - ICPE 2021".

In our opinion, the above statement of accounts is presented fairly in all material respects.

監査の結果、重要な点において適正に表示しているものと認める。

Date: 9 May, 2022,

Auditor 
Dr. Goh Teik Lim

Auditor 
Mr. Yoshihisa Fujisaki

Appendix: Income & Expenditure Statement - ICPE2021

Attendees: 430 (from 19 countries)

(Unit: JPY)

Items	Amount	Note
1 Income		
① Registration Fees	4,745,800	Registration, Full paper processing charge
② Sponsorship	1,650,000	Ads on Guidebook / Webpage, Virtual booth (Total 11 organizations)
③ Subsidies	1,500,000	Subsidies from 2 organizations
④ Sales of Publications	1,500,000	ICPE2021 proceedings
⑤ Miscellaneous Income	2,000,000	Financial support from IPA
Total Income	11,395,800	
2 Expenditure		
① Expenditure for Printing and Shipping	1,315,923	ICPE2021 proceedings (Hardcover version)
② Preparatory Meetings	875,775	Travel costs, Venue fees related to the Organizing Committee and Scientific Working Group meetings
③ Expenditures for international conference	8,314,785	Costs for online conference (IT support), Simultaneous interpretation, Venue, Reward for the keynote lecturers, etc.
④ Miscellaneous Expenses	593,380	Paper review, Bank charges, etc.
Total Expenditure	11,099,863	
Surplus / (Deficit) of Income over Expenditure	295,937	
Balance brought from the ICPE2018	98,291	
Balance carried forward to the Next ICPE	394,228	