

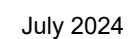
A world map showing the distribution of the world population. Countries are colored green, indicating a population of more than 10 million, and grey, indicating a population of less than 10 million. The map shows that the majority of the world's population is concentrated in a few large countries, including China, India, the United States, and Brazil.



The map shows the Shinagawa Station area. Key locations include:

- Shinagawa Station** (Shinjuku Line Exit)
- Konan Exit (East Exit)**
- Police box**
- Escalator**
- Convenience store (7-Eleven)**
- Convenience store (Lawson)**
- Post Office**
- Old Office**
- Central wholesale market**
- Shinagawa Grand Commons**
- Shinagawa Intercity**
- Airport Limousine**
- NTT Shinagawa**
- Konan Hoshino Park**
- KOKUYO**
- GIKEN Eco Plaza**
- PHILIPS**

A red box highlights the location of the **International Press-In Center International Press-In Association Japan Press-In Association** building, which is located near the **Post Office** and **Old Office**. A red arrow points to this building from the text box.



## About IPA

The International Press-in Association (IPA) is a global academic organization dedicated to advancing "Press-in Engineering," a field that integrates geotechnical engineering, environmental engineering, mechanical engineering, measuring-surveying-monitoring engineering, and data and information processing. The IPA aims to combine theory and practice through industry-academia-government collaboration to elucidate the mechanisms of interaction between the ground and structures.

## History

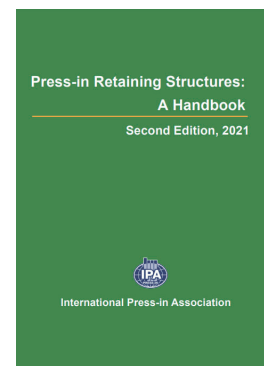
- 2007 IPA was established and Prof. Malcolm Bolton assumed the first IPA President.
- 2010 The first IPA Press-in Engineering Seminar was held in Tokyo and Kochi, Japan. (hereafter continuously held in Japan)
- 2015 "Design and Construction Guideline for Press-in Piling 2015 (the Japanese version)" was published.
- 2016
  - Press-in retaining structures: a handbook (First edition 2016) was published.
  - Dr. Osamu Kusakabe assumed the second IPA President.
  - Technical Committees (TC)1, TC2, TC3 were founded.
  - The IPA Newsletters began publication.
- 2017 The first IPA Seminar on Press-in Technology was held in Singapore. (hereafter continuously held outside Japan)
- 2018
  - The First International Conference on Press-in Engineering was held in Kochi, Japan.
  - IPA Awards related to Press-in Technology were founded.
- 2019
  - Chinese Version of "Press-in retaining structures: a handbook" was published.
- 2020
  - "Design and Construction Guideline for Press-in Piling 2020 (the Japanese version)" was published.
  - Prof. Chun Fai Leung assumed the third IPA President.
- 2021
  - The Second International Conference on Press-in Engineering was held online.
  - Press-in retaining structures: A handbook Second Edition, 2021 (English, Russian, Thai and Portuguese version) were published.
- 2022
  - Press-in retaining structures: A handbook Second Edition, 2021 (Spanish, French, Vietnamese and German version) were published.
  - IPA 15th Anniversary Seminar was held in Singapore
- 2023
  - Press-in Retaining Structures: A Handbook Second Edition, 2021 (Koren) was published.
  - Early Career Engineer Award was founded.
- 2024
  - Prof. Kenneth Gavin assumed the fourth IPA President.
  - The Third International Conference on Press-in Engineering was held in Singapore.



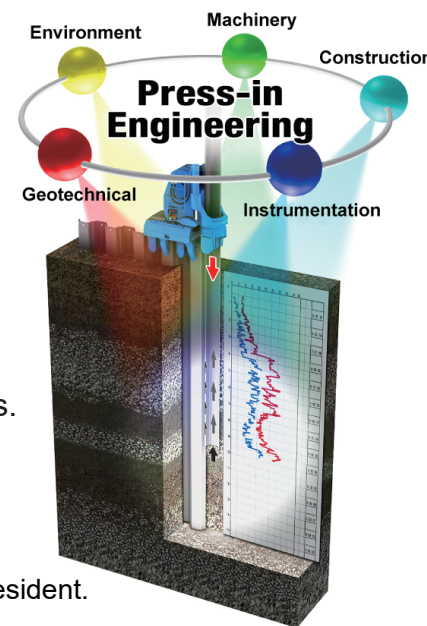
GIKEN • The University of Cambridge  
Joint Research



ICPE 2024



Press-in retaining structures: A handbook



## Aim

- Establishing a worldwide network sharing an academic interest in the Press-in Method
- Social contributions following academic development regarding the Press-in Method
- Social contributions following human resource developments regarding the Press-in Method

## Activities

- Collection and distribution of technical information
- Providing opportunities to publish research and case studies
- Research to solve specific technical issues

### ➤ International Conference (scheduled once in three years from 2018)

- The First International Conference on Press-in Engineering 2018, Kochi, Japan
- The Second International Conference on Press-in Engineering 2021, Kochi, Japan (Online)
- The Third International Conference on Press-in Engineering 2024, Singapore

### ➤ Technical Committees

- TC-4 Vertical performance and construction management of sheet piles installed by the Press-in Method and tubular piles installed by Rotary Cutting Press-in Method (2019~)
- TC-5 Influence of operator skill and experience on field performance of Press-in Piling (2020~)
- TC-6 Investigation and analysis of the development status of Press-in technology in China (2021~)

### ➤ Seminars & Workshops

- "IPA Seminar on Press-in technology" is held several times a year. (2017: Singapore and Malaysia, 2018: Thailand, Philippines, Vietnam, 2023: Taiwan)
- "IPA Press-in Engineering Seminar" has been held once a year in Japan (Tokyo & Kochi) since 2010.
- "IPA International Workshops" Cambridge (2007), New Orleans (2008), Shanghai (2010), Singapore (2012) and Ho Chi Minh (2014)

### ➤ Publications (After 2023)

- 2023 Booklet: Pile Foundation  
Press-in Retaining Structures: A Handbook Second Edition, 2021 (Koren)  
Press-in Piling Case History Volume 2, 2023
- 2024 Booklet: Disaster Countermeasures



Technical Committee (TC)



IPA Press-in Engineering Seminar



IPA Seminar on Press-in technology