

# IPA Terminology Database on Press-in Engineering

## 1. Scope of Terms

This Terminology Database contains technical terms essential to the understanding and application of press-in piling, as well as various general geotechnical and civil engineering terms relevant to the application of press-in piling.

## 2. Purpose of the Terminology Database

With the worldwide expansion of press-in piling, there has been an urgent need for a comprehensive terminology database. This database systematically compiles terms related to press-in piling and their respective definitions. It serves as a crucial resource for compiling essential information and ensuring accurate communication among all parties involved.

The IPA Terminology Database is expected to enhance communication among project owners, design firms, general contractors, geotechnical engineers, mechanical and materials engineers, translators, and other stakeholders. It aims to contribute to the further advancement of press-in engineering by facilitating better understanding and collaboration across the industry and academia.

## 3. Structure of the Terminology Database

This terminology database is structured with terms and definitions categorized according to their field of application, presented in bilingual English and Japanese. Each term may include the following attributes, as applicable:

- 1) **Synonym (AKA):** Terms with wide usage or high priority are listed as headwords, while others are listed as synonyms.
- 2) **See also:** Cross-references to terms listed as headwords and related terms are included.
- 3) **Source Information:** Terms include common geotechnical and civil engineering terms. In some cases, definitions are referenced from other literature, including reproductions of the text. The scope of these references should be clearly identified by quotation marks, and the title of the reference, the year of publication, and the relevant page(s) should be given in parentheses.
- 4) **Figures:** Figures and tables are included to help users of the terminology understand and utilize the definitions of terms.