

Port and Airport Research Institute
National Institute of Maritime, Port and Aviation Technology

Researcher Position in Soil Stabilization Group, Geotechnical Engineering Division

Position Summary

The institute invites applications for a Postdoctoral Researcher position in Soil Stabilization Group, Geotechnical Engineering Division to begin as soon as possible after 1st April 2025. The employment period is until 31st March 2028 including a trial period for the first month; however, the employment contract must be renewed every year based on the work performance.

The successful candidate will work on a research project to investigate soil behavior through discrete element method simulations and laboratory tests including element tests and model tests.

Application Requirements

Candidates should fulfil / hold the following conditions:

- 1) A Ph.D. degree
- 2) Research achievements in numerical simulations using a discrete element method software
- 3) Research achievements in laboratory element tests or model tests using geomaterials
- 4) Communication skills in Japanese or English
- 5) A peer-reviewed international journal publication
- 6) Experience in giving oral presentations at international conferences / symposiums

Application Procedure

Candidates should provide the following:

- 1) A curriculum vitae including candidate's photo
- 2) A list of publications (including research achievements and experiences listed in "**Application Requirements**")
- 3) A copy of major publications (about three publications)
- 4) A research statement that describes past scholarly contributions and future research directions (up to 2 pages)
- 5) The names, titles and contact information for 2 professional references
- 6) Ph.D. degree certificate

To apply, please submit application in the following either way:

- ✓ Mailing the printed documents to Soil Stabilization Group, Port and Airport Research Institute, National Institute of Maritime, Port and Aviation Technology. On the front side of the envelope, "Application form for Postdoctoral Researcher" should be described in red.

(Address) 3-1-1, Nagase, Yokosuka city, Kanagawa prefecture, 239-0826, Japan

- ✓ Sending an email with PDF files of the documents to Dr. Hidenori Takahashi (takahashi-h@p.mpat.go.jp). The title of the email should be "Application form for Postdoctoral Researcher".

All applications received by 10th January 2025 will receive full consideration.

The candidates who pass the document screening will be interviewed in person or online.

For any questions, please contact by email:

- ✓ Dr. Hidenori Takahashi, Soil Stabilization Group, Port and Airport Research Institute, National Institute of Maritime, Port and Aviation Technology (takahashi-h@p.mpat.go.jp)

Working conditions

- ✓ (Working place) 3-1-1, Nagase, Yokosuka city, Kanagawa prefecture, 239-0826, Japan
- ✓ (Basic wage) Based on the institute's labor regulations (as of November 2024)
- ✓ (Working day) Monday to Friday
- ✓ (Working time) 8:30 to 17:15 including an hour break at 12:00 to 13:00 in JST. Flextime is admitted
- ✓ (Overtime work) Approximately 5 hours per month on average
- ✓ (Holiday) Saturday, Sunday, National holidays and December 29 to January 3
Annual paid leave (granted according to the date of hire), other leave
- ✓ (Allowances) Commuting allowance, overtime allowance, housing allowance
- ✓ (Measures to prevent passive smoking) No smoking indoors (outside smoking areas)
- ✓ (Social insurance, etc.) Health insurance by Mutual Aid Association, welfare insurance, employment insurance, industrial accident insurance