

Advance Geotechnical Research Institute Inc.

<http://www.jibansogokenkyujo.com/>

Representative Director

Takaaki Miyasaka

Static pile loading tests, Dynamic loading tests,
Rapid pile loading tests, Pile integrity tests,
and more will be provided with high quality and excellence cost
performance.

Resume

October 10, 2018



Name Takaaki Miyasaka
Date of Birth January 15, 1953
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Company Name and Position

Advance Geotechnical Research Institute Inc.
Representative Director

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taka3815@i.softbank.jp (Mobile)

Education

- March 1982 – Graduated from the Department of Civil Engineering, Faculty of Engineering,
Tokyo Institute of Technology
- March 1993 – Master of Engineering, Graduate School of Engineering,
Yamaguchi University
- March 1994 – Joint Research, Cornell University, USA
- March 1996 – Doctor of Engineering, Graduate School of Engineering,
Yamaguchi University

Employment History

- Apr. 1982 Overseas Division, Daido Concrete Co., Ltd.
- Jun. 1990 [Part-time Lecturer, Japan International Cooperation Agency \(JICA\) \(Present\)](#)
- Jun. 1995 Deputy General Manager, Technical Department,
Daido Concrete Co., Ltd.
- Aug. 1996 Deputy General Manager, Structural Engineering Division,
Ace Consultant Co., Ltd.
- Oct. 1998 General Manager, Technical Development Department,
Taiyo Foundation Co., Ltd.
- May 2003 General Manager, Technical Department, Jibanshikenjo Co., Ltd.
- Oct. 2006 Director, Business Promotion Headquarters, Jibanshikenjo Co., Ltd.
- Jan. 2011 [Representative Director, Advance Geotechnical Research Institute \(Present\)](#)
- Mar. 2011 Technical Advisor, Chiyoda Geotech Co., Ltd.
- Apr. 2012 [Visiting Professor, Yamaguchi University \(Present\)](#)
- Oct. 2013 [Technical Advisor, Tobu Corporation \(Present\)](#)
- Sept. 2018 [Technical Advisor, Just Co., Ltd. \(Present\)](#)

Qualifications

- Professional Engineer (Registered in Oregon, USA)
TOEIC Business Level A

Specialties

- Seismic design of structures, Pile foundation and ground in-situ and laboratory testing,
Structural deterioration diagnosis, Soil mechanics, Structural engineering,
Concrete structures

Main Research Themes

- Seismic performance of structures, Dynamic loading tests on piles,
High-ductility joint piles, Cone penetration test, Structural deterioration diagnosis

Research Papers

Approximately 50 papers and presentations in the above research areas

Patents

Approximately 20 patents (screw piles, mechanical pile joints, high-ductility joint piles, hybriddynamic pile rapid loading test, dynamic displacement measuring device for structural deterioration diagnosis, seismic device for buildings, etc.)

Society Memberships

International Member of the Japanese Geotechnical Society, Japan Society of Civil Engineers, Architectural Institute of Japan, Japan Earthquake Engineering Society

Society Activities

- **Member of the...**
- Joint Research Committee on Non-Destructive Testing of Piles, Public Works Research Institute (1990-1995)
- Pile Foundation Seismic Design Research Subcommittee, Earthquake Engineering Committee, Japan Society of Civil Engineers (1997-2003)
- Committee for Editing the Geotechnical Engineering Dictionary, Committee for Writing Commentary on Foundations of Structures, Japanese Geotechnical Society (2003-2005)
- Committee on Application of CPT Test to Performance Design of Ground, Japanese Geotechnical Society (2004-2006)
- Committee on Research on Vertical Bearing Capacity of Piles, Architectural Institute of Japan (2004-2007)
- CPT Test Criteria Survey Committee, Japanese Geotechnical Society (2004-2006)
- Pile Horizontal Loading Test Criteria Survey Committee, Japanese Geotechnical Society (2004-2006)
- Committee on Research on the Latest CPT Technology and Its Application to Design, Environment and Disaster Prevention, Japanese Geotechnical Society (2006-2009)