Learning objectives:

At the end of workshop attendees will be able to:

- Select an appropriate method of integrity assessment of deep foundations for a particular application
- Review reports of integrity and dynamic load testing of deep foundations conducted by others
- Operate the PDA in a manner conducive to acquiring good quality data
- Assess pile bearing capacity, pile driving stresses, hammer performance and pile integrity by various methods
- Avoid pitfalls when analyzing PDA data with the CAPWAP software
- Interpret PDA testing and CAPWAP software results
- Describe the soil-model used in CAPWAP
- Review options for CAPWAP analysis and output

Who should attend

- Pile Driving Analysts (PDA) and
- CAPWAP/® users interested in sharpening their skills
- PDA and CAPWAP/® users interested in taking the Dynamic Measurement and Analysis Proficiency Test

Registration Fees

- Includes: course notes, AM/PM breaks and lunch:
  - Deep Foundation Dynamic Testing and Analysis Workshop Rp. 4,350,000 / USD 390
  - Dynamic Measurement and Analysis Proficiency Test (No Discounts) Rp. 3,600,000 / USD 320

Closing Date & Limited Seating

- Limited seat up to 80 participants.
- Please send in the registration form with your payment before May 31, 2020

For more information +62818754927 (RICKA CANDRA) seminar@geotech-indonesia.com

Registration Link:
https://forms.gle/AHcKTUJpWFmuXcRQA

Workshop Lecturers

Ryan Allan, P.E., is a senior engineer and partner of Pile Dynamics, Inc. He has a B.S. in Civil Engineering from Cleveland State University, USA, and has achieved Expert level on the PDCA/PDI Dynamic Measurement and Analysis Proficiency Test. After several years performing the entire range of services offered with PDI products throughout the United States and in international offshore projects, Ryan is currently responsible for all PDI’s educational programs for foundation testing professionals. In that capacity he has lectured on numerous webinars and seminars on foundation testing and has co-authored papers on the subject. Ryan is a member of the American Society of Civil Engineers and a registered professional engineer in the US States of Ohio, Pennsylvania, West Virginia, Delaware and Kentucky.

Aksan Kavanda is the principal of Geotech Efathama, a firm that provides foundation testing and geotechnical services. He is a PDI representative in Indonesia, and has more than 15 years of experience as a geotechnical engineer specializing in deep foundations and dynamic pile testing. He is a registered Geotechnical Engineer in Indonesia. He provided technical assistance and training for PDA clients in the Asia Pacific region and has achieved Expert in the PDCA/PDI Dynamic Measurement and Analysis Proficiency Test.

* At the end of the Workshop participants may take a multiple-choice Dynamic Measurement and Analysis Proficiency Test which will take less than 1½ hours to complete. The test covers the theory of Wave Mechanics, Case Method (PDA) equations, data quality assessment, data interpretation and basic CAPWAP analysis. The test is designed for those with experience in using the PDA and CAPWAP. Those taking the test are advised to study “Appendix A” and “Helpful Hints” of the PDA manual, review some of the EXAMPLE data provided with the PDA, and read the CAPWAP background material. Those without access to these manuals and examples should contact stheodore@pile.com in advance of the test date by showing payment receipt. Visit the Proficiency Test website www.PDAProficiencyTest.com to learn more about this test. A Certificate of Proficiency will be awarded to those who pass the test. The Level indicated on the Certificate is dependent on the score achieved on the test.