

GeoMEast 2018

International Congress and Exhibition

Sustainable Civil Infrastructures
"Structural Integrity"



GEOMEAST
— 2018 —

The Second GEOMEAST International Congress
24 - 28 November 2018, Marriott Mena House Hotel,
Cairo, Egypt

NIED National Research Institute for Earth Science and Disaster Resilience

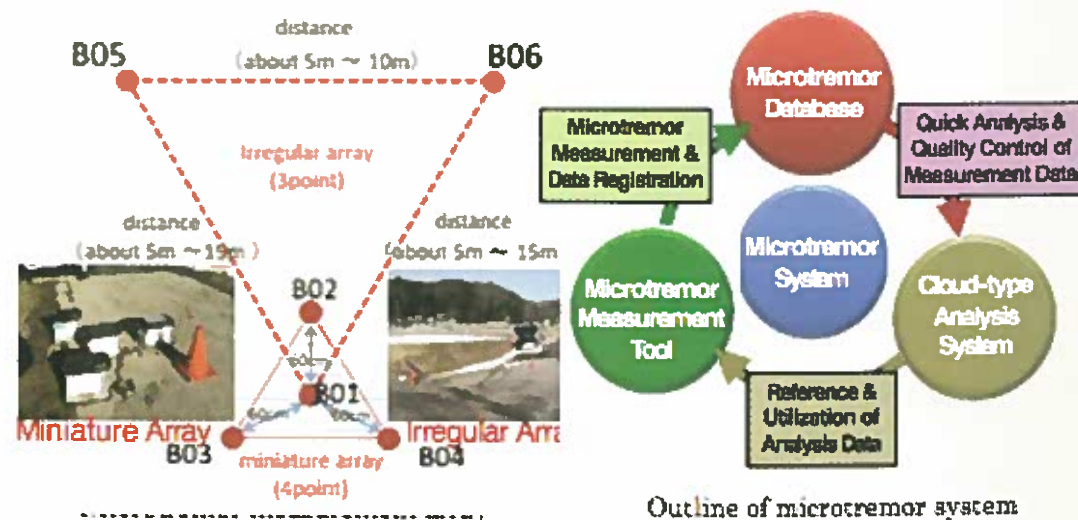
About NIED

NIED was established in 1963 following the devastating Ise Bay Typhoon that claimed over 5000 lives. NIED is funded by the Japanese government to protect people's lives and properties from natural disasters and to create a more resilient society capable of bouncing back from catastrophic disasters. NIED promotes integrated and comprehensive research covering all disasters and hazards, for each of the 4 phases of Prediction, Prevention, Response and Recovery.

Activities on Geotechnical Subsurface Structure Modeling

NIED places emphasis on research and development of geotechnical methods of subsurface structure modeling by microtremor measurement continuously. The microtremor method is a method to estimate the velocity structure of S-waves by simultaneously observing minute oscillations caused by natural sources such as ocean waves, traffic and human activities with multiple measuring instruments.

Previously developed techniques needed sufficient practical experience of engineers and accuracy was not high. Recent technological development has made this technique more practical and possible to solve with higher accuracy. Standardization of this technology is thought to be useful for sophistication of wide-area surveys. From such a background, the Japanese Industrial Standards Committee (JISC) proposes new standards on the microtremor method to ISO/TC182. NIED intends to work on the global spread of the techniques and international standardization in cooperation with JGS (The Japanese Geotechnical Society).



Outline of microtremor system



TECHFAB INDIA INDUSTRIES LTD.
PREFABRICATED VERTICAL DRAIN - (PVD)



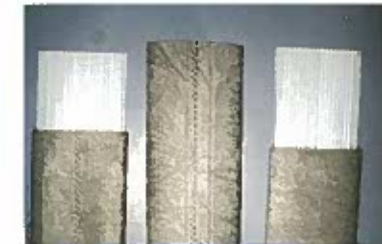
We are pleased to introduce "TechFab India" as one of the biggest Manufacturer of the Prefabricated Vertical Drain (PVD). It is widely used worldwide by top Ground Improvement Contractors. We can even customize the PVD product as per client requirements. Please also visit our website www.techfabindia.com

Prefabricated Vertical drains called PVD have been used all over the world to accelerate the consolidation of fine-grained soils. The installation of PVD creates artificial drainage paths thereby reducing the distance the water must travel to exit the zone of ground subjected to excess pore pressures and thus greatly accelerating the consolidation rate.

"TECH DRAIN" PVD is the water draining material for soft supporting soil. It has been applied in a variety of civil engineering sites such as earth filling for harbor, reclamation, road, railway and airport. Based on accumulated R&D, it will help many kinds of development works with its low cost and stable work performance. It can save the cost of works up to by 20-50%

Our PVD Projects Worldwide:

- ✓ Egypt
- ✓ India
- ✓ Mexico
- ✓ Bangladesh



TechFab Supplies to Top Ground Improvement Contractors Worldwide:

- ✓ Keller Grundbaue
- ✓ Menard Vibro
- ✓ ITD Cementation
- ✓ Al'Faraa Construction

Advantages:

- Suitable to large areas.
- Rapid installation.
- Causes less disturbance to host soil.
- Soil disposal not required.
- ISO 9001:2015 Certified.
- In house Laboratory is accredited with ISO/IEC - 17025-2005 GAI-LAP (USA) Certified.
- TechFab is professionally managed company.
- TechFab has dedicated production line for PVD.
- Best Competitive rates.
- TechFab PVD is tested at AIT Bangkok, CTT Group (Sagoes) Canada, TUV SUD PSB Singapore and IIT Madras India.
- TechFab has well Trained, well Qualified, Engineers at Service.
- TechFab has Qualified Sales Team.
- TechFab has supplied PVD on large scale to Domestic and International Market.
- TechFab is well known for Quality PVD products.
- TechFab can fulfill & supply desired quantity of PVD in a project with deadlines.

Applications:

- Land reclamation
- Foundation of light structures
- Embankment on soft ground
- Development of Industrial sites
- Construction of Harbors, Reclamation, Railways, Highways, Airfields, Airports and much more.

Production Capacity: 162 million linear meters/Annum.





International Congress & Exhibition



Owner and Founder



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