

Yoes Avianto

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Personal Profiles

Nationality : Indonesia

Place/Date of birth : Malang / July 20, 1976

Sex : Male

Education

Bachelor of Engineering in Geophysical Engineering, Bandung Institute of Technology (ITB), July 2002.

- **Research** : Use of Groundroll (Rayleigh wave) for subsurface characterization.
- **Published journal** : Sanny, T.A and Avianto, Y. 2003. *Study on Rayleigh wave Inversion for Estimating S-wave Velocity Profiles*. Proceeding ITB vol 35B. (English)

Professional Experience

Research Staff, Centre for Research on Technology, Industrial Policy and Research Group – ITB. 2003 – present

- As a project leader of sub-surface, soil physical properties characterization using geophysical method, especially surface wave method and refraction seismic method.
- Responsible for research on surface wave method development.
- Successfully developed a surface wave data processing software to estimate S-wave velocity profiles.
- Designed the acquisition technique of surface wave method and refraction seismic.
- Supervised undergraduate students for surface wave data acquisition and processing experiment for final project.
- Designed the resistivity data acquisition (dipole-dipole method) for mapping subsurface condition of Tangerang area.

Business Associate, P.T Valbury Asia Futures. 2003

- Responsible for marketing and stock index trading in Nikkei, Hanseng, and Kospi Future Market
- Marketing for investor for stock index trading
- Joined training programme on stock index future trading

Professional Activities

Seminar on Environmental Geophysics. Himpunan Ahli Geofisika Indonesia (HAGI). 2001.

Short Course on Seismic Data Processing, PT. Elnusa. 1999.

Short Course and Seminar on Seismic Data Processing. Bandung Institute of Technology (ITB). 1999.

Geophysics Field Camp. Bandung Institute of Technology (ITB). 1999

Professional Skills

Computer

- Operation Sytem : windows
- Programming language : Matlab 6.5
- Application : adobe photoshop, adobe image ready, MS word, MS Excel, MS powerpoint, MS Access, frontpage 2000, visio, internet explorer.
- Geophysics/geotechnics program : ProMAX2D, reflexW, Res2D/3D, Rockware, surfer, mapinfo.

Language: English, Japanese, Indonesian (native)

International Experience

AFS Intercultural Exchange Program. Japan. 1994 – 1995

- Increased knowledge of cultural diversity and global interdependence.
- Studied Japanese language, Japanese culture, Japanese lifestyle and religion and other high school subjects during a one-year homestay program
- Study at Fujieda Higashi High School, Fujieda City, Shizuoka, Japan

Organizational Experience

- **Organizing Committee**, Pasar Kriya-ITB
- **Chief**, Japanese Culture Club (UKJ-ITB)
- **Head, R&D Division**, Japanese Culture Club (UKJ-ITB)
- **R&D Staff**, Geophysical Eng. Student Organization – ITB
- Member, **Judo Club**-ITB
- **Chief**, Islamic student organization, SMA Tugu Malang (SMA 1)
- **Head**, religion division, student organization, SMA 1 Malang
- **Mentoring division staff**, Islamic student organization, SMA Tugu Malang (SMA 1)

Academic Honors and Rewards

- LIA English competition award (1995)
- Exchange student of AFS Intercultural program (1994-1995)
- National Ideology competition award (1991)

References

- Dr. Eng. Ir. T.A. Sanny, M.Sc.
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