



# Short BIODATA

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Pekerjaan: - Certified Senior Professional Geotechnical Engineer  
- Geotechnical Engineering Trainer  
- Associate Professor

## Educational Background

1979-1984: S1 – Bachelor of Civil Engineering, Universitas Katolik Parahyangan, Bandung, Indonesia.  
1987-1989: S2 – Master of Engineering. in Geotechnic, Asian Institute of Technology, Bangkok, Thailand.  
2014-2017: S3 – Doctorate in Geotechnic, Universitas Katolik Parahyangan, Bandung, Indonesia.  
2006 : Chartered Financial Consultant, ChFC – Singapore College of Insurance, Singapore.

## Teaching Experiences

1. 1984 - 1996: Civil engineering lecturer for undergraduate & post-graduate, Universitas Tarumanagara, Jakarta.
2. 1996 - 2000: Geotechnical Engineering lecturer for post-graduate, Universitas Katolik Parahyangan, Bandung.
3. 1990 – now: Regular trainer in geotechnical engineering for practicing engineers.
4. 2001: Lecturer for ground improvement technologies, Universitas Pelita Harapan, Jakarta.
5. 2001 – now : Trainer on the theory and application of geotechnical engineering software (Plaxis, Geo5, RocScience) for practicing engineers, academician and students.
6. 2007 – 2017: Geotechnical Engineering lecturer for undergraduate, Universitas Bina Nusantara, Jakarta.  
\*\* Obtained “Best Teaching Award” 2009/2010 and “2<sup>nd</sup> Best Peer Review Group Award” in 2011/2012.
7. **2018 – now: Associate profesor at post-graduate study, Universitas Katolik Parahyangan, Bandung.**
8. 2019 : Associate profesor at undergraduate study, Universitas Podomoro, Jakarta.
9. Guest lectures at : University of Technology Malaysia - Johor (2007); University of New South Wales - Sydney (2009); Hong Kong University of Science and Technology (2012, 2013, 2014, 2017), Hong Kong University (2012), National University of Singapore (2018), ITS Surabaya (2021).

## Geotechnical Practices

Since 1994 actively involves in the design, execution and supervision of various geotechnical projects, e.g., soil investigation, pumping test, geotechnical instrumentation, deep foundation, micropiles, static and dynamic pile load test, pile integrity testing, sonic logging, vibration monitoring, deep excavation, dewatering, ground anchors, slope stability, MSE walls, tunnelling and ground improvement works such as: dynamic compaction, vertical drain, vibro-compaction, geosynthetic and grouting. Up to now has handled over 300 projects in Indonesia, Singapore and Srilanka. Also involved in the writing of Indonesian National Code for Geotechnical Engineering (SNI 8640-2017) as chairman for ground improvement section and members in other sections.

## Professional Organization

1. 1984 – now: Indonesian Geotechnical Engineering Association, IGEA / HATTI, as secretary 1989-1999, central board committee 2000-2007, vice chairman for Jakarta branch 2004 -2008, appeals committee member of LSP Geoteknik 2021-2025.
2. 1992 – 2020: Indonesian Chapter of International Geosynthetics Society (INA-IGS), one of the founding member in 1992, vice president 2004 -2006, president 2007 – 2020.
3. 2018 – now: life member of SouthEast Asian Geotechnical Society (SEAGS).

## Publication

- 9 Journal papers, over 93 papers for local and international geotechnical seminars and conferences
- Over 50 lecture notes in geotechnical engineering courses.
- 22 Technical Notes in “KONSTRUKSI”, a construction magazine for the period of 1985 – 2004.
- Citations in Google Scholar <https://scholar.google.com/citations?user=gwcBwkQAAAJ> : as of Oct 14, 2023: 239 citations, 6 h-index , 4 i10-index.
- Citation in Research Gate <https://www.researchgate.net/profile/Tjie-Liong-Gouw-Dr> : 75 Publications, 126,943 Reads, 119 Citations.

## **Expert Reviewer**

- For Department of Public Work and Human Settlement of Indonesia.
- For the writing of Indonesian National Geotechnical Code SNI 8640 – 2017
- In various seminars/conferences, e.g.: International Symposium on Geotechnics of Transportation Infrastructure (ISGTI 2018), Indian Institute of Technology, New Delhi, CREST 2023, etc.

## **Journal Reviewer**

- Journal of Geomechanics, ASCE
- Southeast Asian Geotechnical Journal
- Journal Teknologi, University of Technology Malaysia
- Journal of Environmental Earth Sciences (Formally Environmental Geology)

## **Speaker in Various National and International Seminars and Conferences**

Since 1985 actively participating in various Geotechnical seminars and conferences as presenter/speaker, also as keynote speaker.