

## Thomas D. Swantko, G.E., Principal Geotechnical Engineer

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### *Professional Registration*

Civil Engineer, California, 23230  
Geotechnical Engineer  
California, 813

### *Education*

M.S. Geotechnical Engineering,  
1974, UCLA  
B.S Civil Engineering, 1970  
Purdue University

### EXPERIENCE SUMMARY

Tom Swantko has over 35 years of experience in geotechnical engineering in Southern California. He has managed geotechnical and seismic studies for a wide range of private and public works projects. His experience includes hillside residential developments, commercial developments, high-rise buildings, freeways, bridges, airfields, port facilities, pipelines, water treatment plants, refineries and storage facilities. He has managed geotechnical field inspection and testing services on major earthwork projects, involving compacted fill and backfill placement, excavations, removal of unsuitable materials, surcharging, installation of piles, performance of pile load tests and in situ instrumentation programs. Mr. Swantko is registered by the California Office of Emergency Services to perform safety assessments in time of emergency (earthquakes). He has also conducted forensic investigations involving a variety of geotechnical issues and has provided expert witness support and testimony at trial.

### PUBLICATIONS:

- Dredging Techniques Used to Develop a Man-Made Lake on a Deep Organic Profile, *Proceedings Twenty Second Annual Texas A & M Dredging Seminar, Tacoma, Washington, 1989.*
- Creation of a Lake over Peat by Precompression, *Proceedings of the Second Baltic Conference on Soil Mechanics and Foundation Engineering, "Construction on Peats and Deformations of Structures on Highly Compressible Soils", Tallin, USSR, 1988.*
- Experience with the Development of Peat Deposits at Walt Disney World, Florida, *Transportation Research Board, Transportation Research Record 978, "Construction and Difficult Geology: Karstic Limestone, Permafrost, Wetlands, and Peat Deposits, 1984.*
- Correlation of CPT Data with Sampling Techniques in Sand, *Proceedings of Engineering Foundation Conference on Updating Subsurface Sampling of Soils and Rocks and Their In Situ Testing, Santa Barbara, 1982.*
- Monorail Piers on Shallow Foundations, Settlements Based on Dutch Cone Data, *Proceedings of the European Symposium on Penetration Testing, Amsterdam, 1982.*
- Finite Element Analysis of Displacement Patterns in a Sand Fill on Soft Ground, *Proceedings of Symposium on Implementation of Computer Procedures and Stress-Strain Laws in Geotechnical Engineering, Chicago 1981.*