

DR. MARINOS SKEMPAS



BIOGRAPHY

Born in 1963 in Athens, Greece, he obtained his Diploma in Civil Engineering from the National Technical University of Athens in 1986, his M.Sc. in 1991 and Ph.D. in 1994 from Imperial College University of London. His main field of professional experience is in the geotechnical design and construction of dams, and bridge foundations, embankments, cut-slopes, tunnels, and landslides mostly related to in large scale highway projects.

Since 1991 he has been involved as a geotechnical consultant in various highway and other projects in Greece including the Athens and Thessaloniki Metro, the concession highway projects of Olympia Odos, Moreas, Ionia Odos, E65, the PATHE highway, the high dams of Thisavros and Mesochora, and various projects of the Railways of Greece. Between 1997 and 2011 he has worked as a geotechnical consultant to EGNATIA ODOS S.A. on geotechnical design and construction aspects of the 700 km long Egnatia Odos highway in Greece and its 300 km long vertical axes connecting to Albania, Macedonia and Bulgaria.

Since 2011 he has been working as a Senior Geotechnical and Highway Consultant for the World Bank, on design and construction issues of major highways, and road projects for the countries of Azerbaijan, Georgia, Armenia, Kazakhstan, Serbia, Bosnia, Bulgaria, Sri Lanka, and Ukraine.

INVITED LECTURE

Egnatia Odos Highway - Various case histories of slope instabilities

TOP 5 PUBLICATIONS SELECTED BY LECTURER

Skempas, M. and Chandler, R. J. (1993). Case histories of dams with abutment stability problems. Proc., International Conference on Hard Soils and Soft Rocks, Athens.

Skempas, M. and Chandler, R. J. (1997). A New Method for the Determination of Residual Strength in the Direct Shear Box, Proc., 3rd Hellenic Conference on Geotechnical Engineering, Patra, Vol. 1, pp. 59-66.

Skempas, M., Sarma, S. K. και Chandler, R. J. (1997). Application of Sarma's Limit Equilibrium Method for Inclined Slices to a Dam Abutment Landslide, Proc., 3rd Hellenic Conference on Geotechnical Engineering, Patra, Vol. 2, pp. 285-292.

Skempas, M., Livadas, A. W., Pachakis, M. D., and Koutavas, G. S. (1999). A change to a highway design due to landslide problems in flysch, Proc. International Symposium on Slope Stability Engineering, Matsuyama, Shikoku, Japan, Vol. 3, pp. 164-170.

Skempas, M., Livadas, A. W. (2004). Slope Stability Aspects of Egnatia Odos Highway Project in Northern Greece. Proceedings of the 5th International Conference on Case Histories in Geotechnical Engineering, New York. Paper 2.21