

Dr. Christakis Onisiphorou: is an Assistant Professor in Geotechnical Engineering in the Department of Civil Engineering at Frederick University. His research specialization is in the area of risk and reliability analysis of soils using probabilistic and stochastic methods to model spatial variability and uncertainty. He has obtained his Ph.D. in Civil Engineering (Geotechnical), a M.Sc. in Geotechnical Engineering and a B.Sc. (Hons.) in Civil Engineering, all at the University of Manchester, UK. His PhD thesis topic was on “Stochastic Analysis of Saturated Soils using Finite Elements”. Dr. Onisiphorou currently teaches several courses in Civil Engineering (undergraduate and postgraduate) including Geology and Soil Mechanics, Geotechnical Engineering, Geotechnical Design, Marine Geotechnical Engineering, Geotechnical Analysis and Strengthening of foundations for historical buildings. His research publications, interests and experience are in the fields of stochastic analysis of soils, risk analysis and reliability-based design in geotechnical engineering, the computational modelling of uncertainty and spatial variability in soils, and random field characterization of soil heterogeneity. These involve applications in deep and shallow foundations, landslides and slope stability and retaining structures. His work includes several publications and is an expert reviewer for many scientific journals in his field. He has also presented his research work in prestigious European and International conferences. Dr. Onisiphorou has also acquired significant practical design experience working as a Civil/Geotechnical Engineer at Andreas A. Papadopoulos & Associates in the fields of Geotechnical Analysis & Design, Structural Design in Steel and Reinforced Concrete, Stormwater and Sewerage network design etc. He is a member of the Cyprus Scientific and Technical Chamber, the Cyprus Association of Civil Engineers, and the Cyprus Society of Soil Mechanics and Geotechnical Engineering.