## Σύντομο Βιογραφικό – Διονύσης Χριστόπουλος



As most of you already know, I am a Professor in the School of Electrical and Computer Engineering at the Technical University of Crete (TUC). I received a Diploma in Electrical Engineering from the National Technical University of Athens (1985) and a PhD in Physics (Condensed Matter) from Princeton University (1991); at Princeton I conducted my PhD research in the group of the Nobel Laureate Philip Warren Anderson. Following two years of mandatory military service in Greece, I moved

back to the USA and worked at the University of North Carolina at Chapel Hill for two years as post-doctoral Researcher and for five years as Research Assistant Professor in the Department of Environmental Sciences and Engineering. In 2000, I moved to the Pulp and Paper Research Institute of Canada (currently, FPInnovations) which is located near the beautiful city of Montreal. My research on the dynamics of paper webs was awarded (jointly with Tetsu Uesaka) the 2003 Johannes A. Van den Akker International Prize for Advances in Paper Physics. In 2002 I was given the opportunity to return home, accepting an Associate Professor position in the School of Mineral Resources Engineering, here in Chania; I was promoted to Professor in Geostatistics in 2007. In 2020 I moved to the School of Electrical and Computer Engineering.

Over the years I have taught courses in Probability, Statistics, Geostatistics, Time Series and Stochastic Processes, Physics (Mechanics & Electromagnetism), Electrical Circuits, and Random Fields. My published research includes 243 publications (98 international journal papers, conference proceedings/abstracts, book chapters, and technical reports) as well as the books *Spatiotemporal Environmental Health Modelling* (Christakos and Hristopulos, Kluwer, 1998) and *Random Fields for Spatial Data Modeling* (Hristopulos, Springer, 2020). I review articles on topics related to statistical physics, stochastic methods, machine learning and spatiotemporal statistical methods for various international journals.

Since life is short and beautiful ideas are many, I enjoy I interdisciplinary research, exploring different problems and collaborating with engineers, statisticians, mathematicians, physicists, and geologists on projects that cut across disciplines. Such collaborations involving both colleagues and students have been made possible by coordinating and/or participating in several national and European research projects. The main focus of my current research is the development and application of novel methods for the analysis of spatial and spatiotemporal data with emphasis in the environment, mineral and energy resources, and more recently neuroscience. Society memberships reflect my scientific interests: I am a Senior Member of the Institute of Electrical and Electronics Engineers, a member of the American Physical Society, and a lifetime member of the International Association of Mathematical Geosciences (I was also a member of the Society of Industrial and Applied Mathematics as well as the American and European Geophysical Unions).

I serve on the board of Associate Editors for the journals Computers & Geosciences (Elsevier) and Stochastic Environmental Research and Risk Assessment (Springer). At TUC, I have served as Director of Graduate Studies in the School of Mineral Resources Engineering (2004-2009) and as Member of the University Council (2012-2017). Currently, I am vice-chair and Director of Graduate Studies in the School of Electrical and Computer Engineering.

A more detailed CV can be found here.