

**George N. Vargemezis (male)** graduated from the Greek-French College "De La Salle" at 1979 and the same year he entered the School of Geology of the University of Thessaloniki. He is a fluent English and French speaker.

On February 1984 he received the Geology Bachelor degree producing a graduation thesis on the application of geoelectrical methods to the study of the formation of the subsoil. He joined the Greek army from October 1984 to February 1987 as a commissioned officer.

From March 1987 to November 1997, he was free-lancer practicing hydrogeological investigations employing geophysical methods. At the same time he was collaborating with the Geophysical Laboratory of the University of Thessaloniki, joining the research team working on Archaeological Prospection. During this period he completed more than 140 ground water studies. He was working at the Aristotle University since March 1992 participating at the research project on Earthquake Prediction of EPOCH-1 funded by the EU.

The time space from April 1993 to December 1997 he was working on his Doctorate thesis under the guidance of the Professor G. Tsokas, Professor B. Papazachos and Professor E. Papadimitriou. The subject of his PhD Thesis concerns the short-term prediction of earthquakes using changes of the electric and magnetic field as precursors.

From November 1997 he has been an employee of the University as Geologist-Geophysicist and in 2000 he evolved to research laboratory staff.

Since 2003 he belongs to the teaching staff of the Department of Geophysics. Starting from the level of Lecturer (July 2003) he became Assistant Professor in 2009 and Professor in 2023.

His research interests are mainly on the application of electrical and electromagnetic methods in hydrogeological, environmental and geotechnical surveys where seismic methods (mainly MASW) are also tested.

In collaboration with CNRS he worked also on volcanoes (La Soufriere, Merapi, Taal) focused on the hydrothermal system. As a part of his international collaborations last years he contributes to the survey on the understanding the luminous phenomena of Hessdalen lights in Norway.

He is author of more than 90 publications.