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## In memory of Professor Yiannis Tripanagnostopoulos



On April 19th, I was deeply shocked and saddened to hear the death of my close colleague and friend Yiannis Tripanagnostopoulos. I knew him from the early '90s and from then, up to the moment he passed away, I collaborated closely with him.



Yiannis was born in 1950 (Piraeus, Greece). He was married to his beloved Nineta and was father of three children: Maria, Sofia and George. He obtained his Degree (1974) and his PhD (1992) in Physics, both from the University of Patras (Greece). He started work as an Assistant at the University of Patras in 1978 and, after open elections, was elected a Professor in the Physics Department at the University of Patras and Director of the Environmental Sciences Department for post-graduate studies in 2014. Yiannis was a long standing member of ISES, ASES, ISHS and the Greek Societies of Solar Energy and Wind Energy, and in 2015 he was made a member of the Academy of Sciences and Arts of the Republic of SPRSKA.

He taught Physics, Solar Energy, Renewable Energy Sources and Environmental Physics and acted as supervisor to many undergraduate and post graduate students. Alongside his work at the University of Patras, he gave invited lectures on Solar Energy and the Environment both in Greece and further afield, and was an international PhD examiner at the University of Lleida and University of Rovira I Virgili, Tarragona, Spain.

Throughout his more than 20 year research career, his work spanned in the fields of Solar Energy Systems, Renewable Energy Sources (RES) and the Environmental Impact of RES. His particular interests included: liquid and air solar thermal collectors, thermo-siphonic and Integrated Collector Storage (ICS) solar water heaters, solar air collectors, Compound Parabolic Concentrator (CPC) collectors, concentrating systems e.g. Fresnel lens, and passive solar energy systems. His research later expanded to cover: photovoltaics, hybrid photovoltaic/thermal (PV/T) solar energy systems, concentrating photovoltaics (CPV), and concentrating PV/T systems (CPVT). There was also an applied element to his work: combined solar energy and wind energy systems, integration aspects of RES

in buildings and on the energy control of building atria and greenhouses, and applications of RES to industrial and agricultural sectors. In many of these areas, his contributions are considered pioneering.

He published 40 journal papers, 114 international conference papers, and 45 national conference papers; work which received more than 1800 citations. Alongside his own publication activities, he contributed substantially to the peer-review system and reviewed many papers for international scientific journals such as *Renewable Energy*, *Solar Energy*, *Energy*, *Solar Energy Materials and Solar Cells*, *Applied Thermal Engineering*, and for many international and national conferences.

Through his work and responsibilities, he collaborated with many universities and research centers across Europe, developing Erasmus bilateral agreements with five European Universities. He coordinated a considerable number of national, bilateral and European Commission funded research projects on solar thermal collectors, photovoltaics and hybrid PV/T collectors. He was invited to participate in IEA Task 35 for PV/T collectors and the ESTTP for solar thermal collectors. At the University of Patras, he was member of the Committees for energy saving and environmental protection at the University.

In addition to his scientific work he had activities in culture and arts (painting, photography, theater, and cinema) in Greece and Europe. As a citizen of Patras, he participated in local cultural forums and groups, and was active in organizing artistic events and performances in the Patras and other cities. As an artist, he created works in oil, pastel and acrylic and recently extended his work to digital forms, displaying his work at International Art Exhibitions in Greece and abroad (Lausanne, Barcelona, Krakow). His pictures portray scientific, environmental and social issues and in recent years, his interest has been caught by environmental art.

Yiannis always undertook, generously, with extreme responsibility, and modesty, many important professional activities. He will be missed as an important contributor to the profession and as a wonderful friend.

I will remember Yiannis as an honest scientist with an outstanding good character.

Soteris Kalogirou, Professor, Editor in Chief, Renewable Energy

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