

Dr. MICHAEL FYTIKAS

Professor of the Aristotle University of Thessaloniki

CURRICULUM VITAE

Dr. Michael Fytikas received his diploma in Geological Sciences from the University of Napoli-Italy (1965) and his Ph.D. from the School of Sciences of the Aristotle University of Thessaloniki- Greece (1977)

He continued his training at the International Institute of Geothermal research of Pisa-Italy (1970-71), the International Institute of Volcanology of Catania-Italy (1971) and the Institute of Mineralogy and petrography of the University of Pisa (1974). He has received scholarships from O.C.E.D. and U. N. D. P.

He has made informational visits to the Geothermal Centers and Areas of U.S.A., Mexico, Italy, France, former Czechoslovakia, Iceland, former Yugoslavia, Canary Islands, Spain, Azores Islands, Bulgaria, Albania and Turkey.

He participated in 33 international conferences and workshops, 20 national conventions, 31 local conventions and seminars.

His professional career began in 1968 at I.G.M.E., which is a combination of the National Geological Survey and a state owned exploration company, where he was involved initially in the project " Research of Mineral wealth and the Subterranean Waters of Euboea: (1968-1970)

From 1971 to 1990, always at I.G.M.E., he participated in the " Geothermal research" Program in Greece. At the same period he was:

- Coordinator of large projects of geothermal research for the Public power Corporation of Greece, the Bank for Industrial Development, E.U. and he has collaborated with the Public Petroleum Corporation, Agricultural Bank of Greece, various Ministries and Universities.
- Supervisor of the E.E, Project " Study and Monitoring of the santorini Volcanoes" as apart of the European Volcanology Program.
- Representative of Greece at the Advisory Committees (A.C.P.M.) of E.U. (DG-XII and DG-XVII) on the R and D and Demonstration Programs of Geothermal Energy.
- Evaluator of E.U. Programs on Geothermal Exploration and Exploitation (DG-XII).
- Member of Consulting Committees of the Ministry of Industry-Energy-Technology dealing in subjects of Geothermics and Geothermal Policy.

- Member of the Central Committee of the Ministry of Development for the qualification of the Projects on Renewable Energy 1997-2000.
- Member of the European Network of the Food and Agriculture Organization (F.A.O) on Rural Energy.
- National representative at the European Network of Volcanology of The European Science Foundation (E.S.F.).
- Participant of the European Committee of Volcanology (National Representative)
- Scientific responsible of the Greek Participant at the new Geothermal Atlas of Europe, which has been published by E.U.
- Collaborator with the following International Organizations: U.N.D.P., F.A.O., U.N.I.D.O., E.U., and various foreign societies mainly on geothermal subjects.
- Collaborator with various state Greek Organizations (DEI, DEP, ETVA, ELKEPA, ATE), Universities and Ministries.

He has taught at the Universities of Athens, Patras, the National Metsovian polytecnic School, the Polytechnic School of Crete, at the Open Universities, at Seminars of the Greek Productivity Center (EL.KE.PA) and Center of renewable Energy Sources (C.R.E.S.) and at the International Summer School on Direct Application of Geothermal Energy.

In 1990 he became Associated Professor at the Aristotle University of Thessaloniki and in 1996 Professor at the same University.

He has been member of four Committees for Ph. Diplomas in French Universities.

He has been involved in the geothermal research in various fields of high and medium enthalpy: Milos isle, Nisyros isl., Santorini isle, Kimolos isle, Lesvos isle, Sousaki.

He has been doing several researches on fields of low enthalpy at the regions of Serres, Xanthi-Komotini, Nestos Delta, Mygdonia, Thessaly, Spercios basin, Chalkidiki Peninsula, and in some areas of Chios, Lesvos, Samothraki, Kos and Crete isles.

Apart from his geothermal activities and researches, he has been working in the fields of volcanological research in almost all the areas of tertiary and quaternary volcanic activity in Greece. He is foundation member and President of the Institute for the Study and Monitoring of the Santorini Volcano (I.S.MO.SA.V).

He has published more than 120 scientific papers, maps, studies and reports on subjects of Geothermal and Volcanological Research. There are more than 500 citations of his papers in the international bibliography.

He has been member of E.C. evaluation committees for several geothermal and volcanological programmes.

He is founding member of the International Geothermal Association (I.G.A.) and recently elected as member of the Board of Directors of IGA and Vice-Chairman of IGA/European Branch Forum. He is also founding member and Vice-Chairman of the Greek Geothermal Association. He is active member of the Hellenic Geological Society and the Geotechnic Chamber of Greece.

Recent Publications

1. N. Andritsos, A. Karabelas, M. Fytikas (2000). Utilization of geothermal energy in Greece. Proc. 6th National Conference on Renewable Energy Sources, Institute of Solar Technology, Thessaloniki.
2. M. Fytikas, N. Andritsos, G. Karydakis, D. Mendrinou and M. Papachristou (1999). Geothermal exploration and development activities in Greece during 1995-1999. In Proc. World Geothermal Congress 1999, IGA, Japan.
3. M. Fytikas, G. Leonidopoulou (1999). Geothermal Energy in Ancient Greece: From Mythology to Late Antiquity. "Stories from a heated Earth", Geothermal Resources Council and IGA, California.
4. A. Arvanitis, M. Fytikas, Th. Kavouridis, G. Karydakis (1997). Geochemical characteristics of geothermal fluids in Thermopigi-Sidirokastro area (Strymon Basin, Macedonia, Greece). In Proc. 4th Hydrogeological Conference, Greek Hydrogeological Society, Thessaloniki.
5. M. Fytikas (1995). Geological and geophysical study of the island of Kimolos (Cyclades, Greece) and geothermal implications. Geothermics, Vol. 24, n. 5/6, pp.679-693.