

Curriculum Vitae

Personal information

First name(s) / Surname(s) **DALABAKIS, Paschalis**
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E-mail dalabakis.LRI@nagref.gr, dalabakis@gmail.com
Nationality Greek
Date of birth 03/04/1960
Gender Male

Occupational field **Researcher in low-enthalpy geothermal energy applications in the agricultural sector**

Work experience

Dates **October 2002 - present**

Occupation or position held Researcher responsible for the geothermal projects.
Name and address of employer Land Reclamation Institute, National Agricultural Research Foundation, 57400 Sindos, Greece
Type of business or sector Research Institution

Dates **April 1996 - September 2002**

Occupation or position held Geothermal expert
Main activities and responsibilities Out of season production of fresh asparagus and drying of tomatoes using geothermal energy. Participation in research geothermal projects and implementation of prefeasibility, feasibility, environmental and application studies of geothermal projects.
Name and address of employer Geothermica Hellas Ltd, Neo Erasmio, 67200 Xanthi, Greece
Type of business or sector Production company specialized in geothermal direct uses

Dates **September 1992 - March 1996**

Occupation or position held Scientific collaborator
Main activities and responsibilities Member of the coordination team of the European Project: « Santorini Volcano Laboratory, EU-DG XII». Member of the scientific staff in the project «Volcanic Hazard – Civil Protection in the Santorini island»
Name and address of employer Aristotle University of Thessaloniki, Thessaloniki, Greece
Type of business or sector Research and Education Institution

Education and training

Dates **October 1984 - December 1987**

Title of qualification awarded Thèse de Doctorat en Sciences (PhD) (volcanology and geothermal energy)
Principal subjects/occupational skills covered Title: "Le volcanisme récent de l' île de Kos, Dodécannèse"
Name and type of organisation providing education and training Université Paris XI – ORSAY, Laboratoire de Pétrographie et Volcanologie, France
Partially funded by the European Commission.

Dates **October 1983 - June 1984**

Title of qualification awarded Diplome d'Etudes Approfondies (D.E.A.) in Alternative Sources of Energy, Specialization in Geothermal Energy Research and Applications

Principal subjects/occupational skills covered

Continuing Education in subjects related to the geology and geophysics as a reference basis in geothermal energy research. Analysis of any technical aspect of applications based on the utilization of low or high enthalpy geothermal energy.

Name and type of organisation providing education and training

Université Paris XI, Laboratoire de Pétrographie et Volcanologie, Paris-Orsay, France

Dates

October 1978 - June 1983

Title of qualification awarded

BSc in Geology

Name and type of organisation providing education and training

School of Geology, National University of Athens, Greece.

Personal skills and competences

Mother tongue(s)

Greek

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
	B2		C1		B1		B1		B2
	C2		C2		C2		C2		C1

(*) Common European Framework of Reference for Languages

Additional information

Member of 5 professional inter-scientific bodies, author or co-author of 6 journal and 16 conference publications.

Selected scientific publications

- *Dalabakis P., 1986: Une de plus puissantes éruptions preatomagmatique dans la méditerranée Orientale. C.R. Acad. Sc. Paris, t. 303, serie II, No 6, p. 506-508.*
- *Bardintzeff J.M, Dalabakis P., et al., 1989: Recent explosive volcanic episodes on the island of Kos - GR: associated hydrothermal paragenese and geothermal area of Volcania, Terra Nova, vol. 1, p. 75-78.*
- *Traineau H., Dalabakis P., 1989: Mise en évidence d'une éruption phréatique historique sur l'île de Milos - GR. C. R. Acad. Sc. Paris, t. 308, serie II, p. 247-252.*
- *Andritsos, N., P. Dalampakis and N. Kolios, 2003: Use of Geothermal Energy for Tomato Drying, GEO-HEAT CENTER, Quarterly Bulletin, Oregon Institute of Technology, Vol.24, No.1.*
- *Gelegenis, J., Dalabakis, P., Ilias, A, 2006: Heating of wintering ponds by means of low enthalpy geothermal energy. The case of Porto Lagos, Geothermics, vol. 35, p.87-103.*
- *S.R. Allen, G.E. Vougioukalakis, C. Schnyder, O. Bachmann, P. Dalabakis, 2009: Comments on: On magma fragmentation by conduit shear stress: Evidence from the 3 Kos Plateau Tuff, Aegean Volcanic Arc, by Palladino, Simei and Kyriakopoulos 4 (JVGR (2008) 178, 807-817), Journal of Volcanology and Geothermal Research, Volume 184, Issues 3-4, Pages 487-49.*

- **Boven A., Brousse R., Dalabakis P., Pasteels P., 1987:**
Geological and Geochronological Evidence on the Evolution of Kos - Yali - Nysiros eruptives centers, Aegean Arc, Greece, Terra Cognita, 7, 328-329.
- **Bardintzeff J.M., Dalabakis P., et al., 1988:** Volcania (ile de Kos - GR): Une zone hydrothermalise a interet geothermique: 12eme reunion des Sciences de la Terre, Lille, pp10.
- **Bardintzeff J.M., Dalabakis P., Traineau H. et Brousse R. 1989:**
Hydrothermal activity related to recent explosive volcanism on the island of Kos, Greece: an assessment of the geothermal potential of the Volcania area. Proceedings of the Fourth European Geothermal Update, Florence, 27-29 april 1989. Louwrier K., Staroste E., Garnish J.D and karkoulias. V. Eds., p. 532-540, Kluwer Academic Publishers, Dordrecht.
- **Dalabakis P., 1988:**
Enclaves lithiques et granitiques de l' ignimbrite recente de Kos: Mise en évidence d' un circuit hydrothermal de haute température, 12eme reunion des Sciences de la Terre, Lille, pp.40.
- **Fytikas M., Dalabakis P., Karkoulias V., Mendrinis D., 1995:**
Update of Geothermal status in Greece (1989-1994). World Congress on Geothermal Energy, Florence - Italy, May 1995
- **Bardintzeff J.M., Vougioukalakis G., Robin F., Dalabakis P., et Fytikas M., 1995:**
Foretell population against volcanic risks at Santorini (Greece). XIV International Union for Quaternary Research Congress, Berlin, August 3-10, 1995, Abstracts, Terra Nostra, 2/95,22.
- **Fytikas M., Vougioukalakis G., Dalabakis P., et Bardintzeff J.M., 1996:**
Volcanic hazard assessment and civil defense planning on Santorini. 2nd Workshop on European Volcanoes (EVOP), May 2-4, Santorini island, Greece.
- **Andritsos, N., Dalabakis, P. and Kolios, N., 2002:**
Use of Geothermal Energy for Tomato Drying, Proc. of international course on district heating, agricultural and agro-industrial uses of geothermal energy (ed. By. K. Popovski and M. Fytikas), Thessaloniki, September 2-4, pp. 171-176.
- **P. Dalabakis, N. Kolios, A. Ilias, A. Panagopoulos & S. Xanthopoulos, 2004:**
Asparagus early season production using low enthalpy geothermal energy in Neo Erasmo-Xanthi, Greece, International Congress GEAlA, 2-3 May, Αθήνα.
- **J. Gelegenis, P. Dalabakis, A. Ilias, 2004:**
Anti-freezing protection of aquaculture wintering ponds by means of low enthalpy geothermal waters in Porto Lagos-Xanthi, Greece, International Congress GEAlA, 2-3 Μαΐου, Αθήνα,.
- **M. Fytikas, N. Andritsos, P. Dalabakis, N. Kolios & M. Papachristou, 2005:**
Geothermal Update of Greece, World Geothermal Congress, Antalya-Turkey, May 25-29.
- **N. Andritsos, P. Dalabakis, G. Karydakos, N. Kolios and M. Fytikas, 2007:**
Update and Characteristics of Low-Enthalpy Geothermal Applications in Greece, Proceedings European Geothermal Congress 2007, Unterhaching, Germany, 30 May-1 June 2007
- **Nikolaos Andritsos, Apostolos Arvanitis, Maria Papachristou, Michael Fytikas & Paschalis Dalambakis, 2009:**
Geothermal Activities in Greece During 2005-2009, Geothermal Update of Greece, World Geothermal Congress, Bali-Indonesia, April 25-30.

Selected research projects

- Karkoulas, V., Fytikas, M., Dalambakis, V., Mendrinos, M. (2002). Atlas of Geothermal Resources in Europe – Contribution for Greece, European Commission – Research Directorate General. Publication No EUR 17811 of the European Commission, Editors Suzanne Hurter & Ralph Haenel, pp 35-36, 67-68, 81, plates 25-28. Abstract: Geothermal thematic map (plate 25). Temperatures (plate 25): Eratino-Chrysoupolis, Lesvos. Potential geothermal reservoirs: Mygdonia Basin (plate 26), Nea Kessani-Xanthi (plate 26), Milos (plate 27), Nigrita (plate 27), Sidirokastro (plate 27), Neo Erasmo-Xanthi (plate 28), other areas. Present status and future perspective of the use of geothermal energy.
- Science Research Development: “ENVIRONMENT”, Project : Santorini Volcano Laboratory, Sub-project : Volcanic Risk, Civil Protection at Santorini. (1993-96). Coordinator : M. Fytikas, Professor at the Aristotle University of Thessaloni, European Union-DG XII
- Coordinator of the scientific team of the Land Reclamation Institute in the European Program: Operational Program of Fisheries 2000-2006. Title of the project: ‘Experimental intensive cultivation of the native space of shrimp *Melicerthus kerathurus* (Forsk., 1775), using geothermal energy at Porto Lagos – Xanthi - Greece’.