

Curriculum Vitae

- 1 Family Name:** Chatzipetros
2 First Name: Alexandros
3 Date of Birth: February 25, 1969
4 Nationality: Greek
5 Civil Status: Married

6 Education / Professional Studies:

Institution: Aristotle University of Thessaloniki

Date From/To: 1986-1990

Degree/Diploma: BSc in Geological Sciences

Institution: Aristotle University of Thessaloniki

Date From/To: 1991-1998

Degree/Diploma: PhD in Earthquake Geology

7 Language Skills:

| <u>Language</u> | <u>Speaking</u> | <u>Reading</u> | <u>Writing</u> |
|-----------------|-----------------|----------------|----------------|
| Greek | * | | * |
| English | 4 | 5 | 4 |
| French | 3 | 4 | 3 |
| Spanish | 2 | 3 | 2 |

8 Membership of Professional Bodies:

Geological Society of Greece, Geological Society of America, European Union of Geosciences, International Association of Structural/Tectonic Geologists, Geotechnical Chamber of Greece, Association of Greek Geologists.

9 Other Skills:

Contract Professor of Computer Science

Technological Educational Institute of Thessaloniki, Greece

10 Present Position within the organisation:

Lecturer

11 Years with the organisation:

Twelve (12)

12 Key Qualifications: (relevant to the project):

Palaeoseismology, archaeoseismology, earthquake hazard assessment, active tectonics, seismotectonics, morphotectonics, structural geology.

13 Experience in specific countries:

Country : Greece

Date : 1990-Present

Details: active tectonics, paleoseismology, archaeoseismology, morphotectonic, seismotectonics, structural geology, etc. in several areas.

Country : Turkey

Date : 1992-Present (in various time intervals)

Details: active tectonics, morphotectonics, archaeoseismology, palaeoseismology, earthquake rupture mapping in several areas.

Country : China

Date : 1994

Details: paleoseismology, morphotectonics, active tectonics

14 Professional Experience Record (relevant to the project):

* Mother language.

Date: 2010-Present
 Location: Thessaloniki, Greece
 Organisation: Aristotle University of Thessaloniki
 Position: lecturer
 Responsibilities: research, teaching, project management

Date: 2002-2010
 Location: Thessaloniki, Greece
 Organisation: Aristotle University of Thessaloniki
 Position: researcher (permanent staff)
 Responsibilities: research, assistant teaching, project management

Date: 2000-2008
 Location: Nea Moudania, Greece
 Organisation: Technological Educational Institute of Thessaloniki
 Position: senior lecturer (contract)
 Responsibilities: teaching

Date: 1999-2002
 Location: Thessaloniki, Greece
 Organisation: Atlantis Consulting SA
 Position: senior consultant
 Responsibilities: consulting services, research, project management

Date: 1999-2001
 Location: Oslo, Norway
 Organisation: Norconsult SA
 Position: expert (contract)
 Responsibilities: checker of engineering geology projects

Date: 1994-2002
 Location: Thessaloniki, Greece
 Organisation:
 Position: freelance geologist
 Responsibilities: geological consulting

Date: 1990-2002
 Location: Thessaloniki, Greece
 Organisation: Aristotle University of Thessaloniki
 Position: researcher (contract)
 Responsibilities: research, assistant teaching, project management

15 List of selected publications:

1. **Chatzipetros A.**, Kiratzi A., Sboras S. and Pavlides S. (2012). Active faulting in the north-eastern Aegean Sea Islands, *Tectonophysics*, in press.
2. Caputo R., **Chatzipetros A.**, Pavlides S. and Sboras S. (2012). The Greek database of seismogenic sources (GreDaSS): state-of-the-art for northern Greece, *Annals of Geophysics*, 55, 2, 859-894, DOI: 10.4401/ag-5168.
3. Zouros N., Pavlides S., Soulakellis N., **Chatzipetros A.**, Vasileiadou K., Valiakos I. and Mpentana K. (2011). Using Active Fault Studies for Raising Public Awareness and Sensitisation on Seismic Hazard: A Case Study from Lesvos Petrified Forest Geopark, NE Aegean Sea, Greece. *Geohazards*, DOI: 10.1007/s12371-011-0044-y.
4. Pavlides S., Caputo R., Sboras S., **Chatzipetros A.**, Papatthanasiou G. and Valkaniotis S. (2010). The Greek catalogue of active faults and database of seismogenic sources, *Bulletin of the Geological Society of Greece*, XLIII (1), 486-494.

5. Christaras B., Syrides G., Papathanassiou G., **Chatzipetros A.**, Mavromatis T. and Pavlides S. (2010). Evaluating the triggering factors of the rock falls of 16th and 21st December 2009 in Nea Fokea, Chalkidiki, northern Greece, *Bulletin of the Geological Society of Greece*, XLIII (3), 1131-1137.
6. Papathanassiou G., Valkaniotis S., **Chatzipetros A.** and Pavlides S. (2010). Liquefaction susceptibility map of Greece, *Bulletin of the Geological Society of Greece*, XLIII (3), 1383-1392.
7. Papathanassiou G., Valkaniotis S. and **Chatzipetros A.** (2010). Rockfall susceptibility zoning and evaluation of rockfall hazard at the foothill of Orliagas Mountain, Greece, *in: Christofides G. et al. (eds), Proceedings of the XIX Congress of the Carpathian-Balkan Geological Association*, Thessaloniki, 23-26 September 2010, *Scientific Annals of the School of Geology A.U.Th.*, 99, 165-171.
8. **Chatzipetros A.** and Pavlides S. (2009). A rare case of preserved earthquake ruptures in an archaeological site: Mikri Doxipara – Zoni, NE Greece, *Proceedings of the 1st INQUA/IGCP-567 International Meeting on Earthquake Archaeology and Palaeoseismology*, Baelo Claudia, Spain, 7-13 September 2009, 20-22 .
9. Kürçer A., **Chatzipetros A.**, Tutkun S.Z., Pavlides S., Ateş Ö. and Valkaniotis S. (2008). The Yenice – Gönen active fault (NW Turkey): active tectonics and palaeoseismology, *Tectonophysics*, 453, 263-275.
10. Pavlides S., **Chatzipetros A.** and Galli E. (2007). Interpreting myths: Atlantis in the framework of catastrophism and actualism, *In: Papamarinopoulos S.P. (Ed.): The Atlantis hypothesis: search for a lost land*, *Proceedings*, 69-78.
11. Pavlides S., Caputo R., Koukouvelas I., Kokkalas S. and **Chatzipetros A.** (2006). Paleoseismological investigations of Aegean-type faults in mainland Greece and their implications, *In: Dilek Y. and Pavlides S. (Eds): Postcollisional tectonics and magmatism in the Mediterranean region and Asia*, *Geological Society of America Special Paper*, 409, 175-188.
12. Pavlides S., **Chatzipetros A.**, Tutkun S.Z., Özaksoy V. and Dogan B. (2006). Evidence for late Holocene activity along the seismogenic fault of the 1999 Izmit, Turkey, earthquake, NW Turkey, *In: Robertson A.H.F. and Mountrakis D. (Eds): Tectonic development of the eastern Mediterranean region*, *Geological Society of London Special Publication*, 260, 635-647.
13. **Chatzipetros A.**, Kokkalas S., Pavlides S. and Koukouvelas I. (2005). Paleoseismic data and their implication for active deformation in Greece, *Journal of Geodynamics*, 40, 170-188
14. Pavlides S., Valkaniotis S., Kürçer A., Papathanassiou G. and **Chatzipetros A.** (2005). Neotectonic structure of Samothrace in relation to the North Anatolian Fault, *Bulletin of the Geological Society of Greece*, 37, 19-28.
15. **Chatzipetros A.**, Michailidou A., Tsapanos Th. and Pavlides S. (2005). Morphotectonic-seismotectonic study of Stratoni-Varvara and Gomati-Megali Panagia faults (eastern Chalkidiki), *Bulletin of the Geological Society of Greece*, 37, 127-142.
16. Melfos V., **Chatzipetros A.**, Chatzopoulou A., Vasileiadou A., Lazaridis G., Vaxevanopoulos M., Syrides G., Tsoukala E. and Pavlides S. (2005). Geological, petrological and paleontological study of Maronia Cave in the Eocene nummulitic limestone (Thrace), *Bulletin of the Geological Society of Greece*, 37, 153-167.
17. Michailidou A., **Chatzipetros A.** and Pavlides S. (2005). Quantitative analysis - morphotectonic indices for the Stratoni-Varvara and Gomati-Megali Panagia faults (eastern Chalkidiki), *Bulletin of the Geological Society of Greece*, 38, 14-29.
18. **Chatzipetros A.** and Pavlides S., Eds (2004). Proceedings of the 5th International Symposium on Eastern Mediterranean Geology, *Thessaloniki, Greece, 14-20 April 2004*, 1- 1629 pp.
19. Ioannides K., Papachristodoulou C., Stamoulis K., Karamanis D., Pavlides S., **Chatzipetros A.** and Karakala E. (2003). Soil gas radon: a tool for exploring active fault zones, *Applied Radiation and Isotopes*, 59, 205-213.
20. Pavlides S., Caputo R. and **Chatzipetros A.** (2000). Empirical relationships among earthquake magnitude, surface ruptures and maximum displacement in the broader Aegean region, Panayides I., Xenophontos C. and Malpas J. (Eds.), *Proceedings of the Third International Con-*

ference on the Geology of the Eastern Mediterranean, Nicosia, Cyprus, 23 - 26 September 1998, 159 - 168.

21. **Chatzipetros A.**, Goundromichou C., Pavlides S., Avgeropoulos P and Giannatos G. (1999). Geomorphological criteria for identifying active faults in Atalanti - Aghios Konstantinos - Kamena Vourla area, *Proceedings of the 5th Greek Geographical Conference*, Athens, Greece, November 11 - 13, 1999.
22. Pavlides S. B., Zouros N. C., Fang Zhongjing, Cheng Shaoping, Tranos M. D. and **Chatzipetros A. A.** (1999). Geometry, kinematics and morphotectonics of the Yanqing - Huailai active faults (northern China), *Tectonophysics*, 308, 99 - 118.
23. Christaras V., Mountrakis D., Pavlides S., Makedon T., Zouros N., Dimitriou A. and **Chatzipetros A.** (1998). Technicogeological problems in the construction of the new national road Kozani - Larissa (Kozani - Rymnio segment), *Bulletin of the Geological Society of Greece*, 32, 4, 111 - 120.
24. Mountrakis D., Pavlides S., Zouros N., **Chatzipetros A.** and Kotsis E. (1998). The Kozani - Grevena earthquake of 13 May 1995. Surface ruptures - Neotectonic studies - Structural danger. Proceedings of the "International Conference on the results of the May 13, 1995 Kozani - Grevena earthquake: One year after", 29 - 57.
25. **Chatzipetros A. A.** and Pavlides S. B. (1998). A quantitative morphotectonic approach to the study of active faults; Mygdonia basin, northern Greece, *Bulletin of the Geological Society of Greece*, 32, 1, 155 - 164.
26. Mountrakis D., Pavlides S., Zouros N., Astaras T. and **Chatzipetros A.** (1998). Seismic fault geometry and kinematics of the 13 May 1995 western Macedonia (Greece) earthquake, *Journal of Geodynamics*, 26, 175 - 199.
27. **Chatzipetros A. A.**, Pavlides S. B and Mountrakis D. M. (1998). Understanding the 13 May 1995 western Macedonia earthquake: a paleoseismological approach, *Journal of Geodynamics*, 26, 327 - 339.
28. **Chatzipetros, A.** (1998). Paleoseismological - morphotectonic study and mechanical behaviour of the active fault systems at Mygdonia basin, eastern Chalkidiki and Kozani-Grevena, *PhD Thesis*, Department of Geology, A.U.Th., 354 pp.
29. Pavlides S., Mountrakis D., **Chatzipetros A.**, Zouros N. and Kostopoulos D. (1997). The Grevena - Kozani (May 13, 1995) earthquake, western Macedonia, Greece: seismogenic faulting in an "aseismic" area, *Proceedings of ESC 3rd Workshop "Statistical models and methods in seismology. Applications on prevention and forecasting of earthquakes"*, Thera, 18 - 20 September 1995, G. Papadopoulos and K. Makropoulos (Eds).
30. Pavlides S., Mountrakis D., Zouros N. and **Chatzipetros A.** (1997). Active fault geometry and kinematics in Greece: the Thessaloniki (Ms = 6.5, 1978) and Kozani - Grevena (Ms = 6.6, 1995) earthquakes - two case studies, *Proceedings of the 30th International Geological Congress*, Beijing, China, Volume 5 - Contemporary Lithospheric Motion, Seismic Geology, Ye Hong (Ed).
31. Mountrakis D., Pavlides S., **Chatzipetros A.**, Meletlidis S., Tranos M., Vougioukalakis G. and Kilias A. (1996). Active deformation of Santorini, *2nd Workshop on European Laboratory Volcanoes*, Santorini, 2 - 4 May 1996, proceedings, 13 - 22.
32. Mountrakis D., Pavlides S., Zouros N., **Chatzipetros A.** and Kostopoulos D. (1996). The 13 May 1995 western Macedonia (Greece) earthquake. Preliminary results on the seismic fault geometry and kinematics, *Special Publications of the Geological Society of Greece*, 6, 112 - 121.
33. Pavlides S. B., Zouros N. C., **Chatzipetros A. A.**, Kostopoulos D. S. and Mountrakis D. M. (1995). The 13 May 1995 western Macedonia, Greece (Kozani - Grevena) earthquake; preliminary results, *Terra Nova*, 7, 544 - 549.
34. **Chatzipetros A.** and Pavlides S. (1994). Late Quaternary fault scarps and paleoseismology of the active basin of Mygdonia, Thessaloniki seismogenic area, northern Greece, *U.S. Geological Survey Open - File Report*, 94 - 568, 35 - 37.
35. Cheng Shaoping, Fang Zhongjing, Pavlides S. and **Chatzipetros A.** (1994). Preliminary study of paleoseismicity of the southern Langada - Volvi basin margin fault zone, Thessaloniki, Greece, *Bulletin of the Geological Society of Greece*, 30, 1, 401 - 407.