

Biographical Note

Panagiotis G. Stephanopoulos

Laboratory Teaching Personnel

2021

CURRICULUM VITAE

General Information

Name: Panagiotis
Surname: Stephanopoulos
Rank: 2003-2014 Technician Staff
2014-Today Laboratory Teaching Staff
BirthDate: 01 November 1965
Nationality: Hellenic
National Service: 18 May 1992 until 04 January 1994

Affiliation University of Patras
School of Natural Sciences
Department of Geology
Sector of Applied Geology & Geophysics
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Education

2001 January-December : Scholarship for graduate studies
1994 December – 2001 December: PhD in Geophysics with theme “The contribution of geophysics with geoelectric imaging in solution of geoarchaeological and environmental problems”
1986 October – 1992 February : Bsc Degree from Department of Geology
Foreign Language: English

Research Activity

1987-1992, Participation in geophysical research project with title «Geophysical surveys at sites of Archaeological importance and the solution of their problems raised by agricultural industrial and urban development», Geotech a NATO Science for Stability project
1992-2000, Participation in geophysical research project with title «Geophysics at urban archaeological sites and their impact on the cultural heritage and the economy of Greece», Research sponsored by NATO Science for Stability Program and the General Secretariat of Technology of Greece (Gr-Archaeotech)
1995 PENED, Participation in geophysical research project with title “Geophysical research in regions of Archaeological, Historical and Paleoanthropological interesting”
2019, Supervisor in five years geophysical project with title “Geophysical investigation in Ancient Tritae region for Archaeometry purposes”

Duties in Department of Geology

Technical Supervisor of personal computer at Computer Center of Geology Department
Technical Supervisor of Geology Secretary personal computer
Technical Supervisor of personal computer at Geophysics Computer Center of Geology Department
Technical Supervisor of Microsoft Software in Geology Department
Technical Supervisor of Voice & VOIP in Geology Department
Technical Supervisor of personal computers in Geology Department (Checking, Updating)
Technical Supervisor for Electronic mail in Geology Department
Technical Supervisor of Library Geology Department

Administrator of Teleconference Geology Department
 Member of Lucidity Committee of Geology Department
 Sector Secretary of Applied Geology & Geophysics until 2019
 Deputy Member of Health and Safety Committee of Geology Department
 Representative of Laboratory Teaching Staff in General Assembly of Geology Department until 2019
 Representative of Laboratory Teaching Staff in Applied Geology & Geophysics Sector Assembly of Geology Department until 2019
 Construction & updating of Web Page during IAS2007 International Conference
 Updating and Reconstruction of previous Geology Department web page
 Construction of previous Earth Materials Sector web page
 Construction of previous General, Marine Geology & Geodynamics Sector web page
 Construction of previous Applied Geology & Geophysics Sector web page
 Construction of previous Geophysics Laboratory web page
 Construction & updating of School of Natural Sciences web page from 2005 until 2010
 Construction of previous Ancient Greek Mythology Foundation web page
 Construction & updating of Instrumental Analysis Laboratory web page
 Construction & updating of 2nd conference of Paleontology web page
 Construction & updating of Paleontology-Stratigraphy Laboratory web page
 Construction & updating of Geology Department Library (in testing mode)
 Construction and Administration of FTP Server of Geology Department

Field & Instrumental Experience

1988-2020 Participation in Geophysical investigation for detection of archaeological and environmental purposes by using Geoelectric Mapping (Geoscan RM4, Ratau System), Magnetometers (Elsac 820 Proton magnetometer, Geoscan FM36 differential magnetometer), GPR GSSI Sir System 10, GPR GSSI Sir System 3000, Geoelectric Imaging 2D (Wenner, Dipole-Dipole, Pole-Pole, Pole- Dipole, Wenner-Schlumberger), Geoelectric Imaging 3D (Pole-pole, Pole-Dipole), Gravity measurements (Scintrex Gravity meter CG-3M), Conductivity measurements (Geonics EM34-3XL, EMR-101), Sirotem MKII, Magnetic Susceptibility measurements (Bartington MS2)

Software Experience

Installation , adjustment and using of :
 Windows 3.1, Windows 95, Windows 98, Windows Me, Windows NT, Windows NT Server, Windows 2000, Windows 2003 Server, Windows 2008 Server
 Ms Office 95, Ms Office 97, Ms Office 2000, Ms Office XP, Ms Office 2007, Ms Office 2010 including (Winword, Excel, Access, Data base, Power Point)
 Linux Desktop, Linux Sever.
 FTP Server

Software for Geophysical Interpretation

Installation, adjustment and using of :
 Geosoft DOS, Oasis Montaj, Res2deco, Res2dinv, Res3dinv, Res192, ResixPlus, ResixIP2D, Radan NT, EMIX 34 Plus, Surfer, Grapher.

Multimedia Software

Installation, adjustment and using of :
 CorelDraw, Adobe Photoshop

Software Development

Software for collecting data with geoelectric imaging by using Dipole-Dipole, Pole-Dipole, Pole-Pole & Wenner-Schlumberger electrode arrangement.

Depth slice in order to create horizontal views from parallel vertical sections with geoelectric imaging by using Dipole-Dipole, Wenner, Pole-Dipole, Wenner-Schlumberger & Pole-Pole electrode arrangement.

Software for collecting data with geoelectric imaging in 3D dimension by using Dipole-Dipole, Pole-Dipole & Pole-Pole electrode arrangement

Software for joining discrete geophysical grid by using the mode function

Software for interpretation of vertical section through 3D algorithm of Oasis Montaj

Software for elimination of daily geomagnetic drift from total geomagnetic intensity data

Software of magnetic susceptibility measurements correction.

Teaching Experience

1. **2014 October-2020 May**, Laboratory Teaching of geophysical instruments and geophysical software at Undergraduate students in Geology Department.
2. **1996 October-2013 May**, Assistant Teaching of geophysical instruments and geophysical software at Undergraduate students in Geology Department.
3. **2008 January – February** Participation in Assistant teaching of «Geophysics of Engineering works & Water Resources», during the Graduate Studies of Geology Department «Geosciences & Environment – Direction : Applied & Environmental Geology and Geophysics»
4. **2006 January – February** Participation in Assistant teaching of «Geophysics of Engineering works & Water Resources», during the Graduate Studies of Geology Department «Geosciences & Environment – Direction : Applied & Environmental Geology and Geophysics»

Participation in Attendance of Undergraduate thesis

1. Kapsi Dimitra (2000), Geoelectric & Geomagnetic measurements at Argone of North France.
2. Gaitani Praxia (2001), Geoelectric imaging in Dafni Monastery
3. Tavla Christin (2002), Geoelectric & Geomagnetic measurements in Aegion region : A contribution in searching for Ancient Helike.
4. Pergamineli Stamatia (2003), Geoelectric imaging in Vonitsa region for detection of subsurface geological discontinuities.
5. Katsikalaki Helen (2003), Geoelectric imaging in Nea Roda (Chalkidiki peninsula) for detection of subsurface geological discontinuities.
6. Kapatsolou Athina (2004), Geoelectric imaging inside the St. Nicolas Church at Patra region for detection of geological discontinuities.
7. Mountricha Theodora (2007), Geophysical prospecting for Archaeological purposes in Spata region.
8. Kiziropoulos Eleftherios (2007), The using of Sirotem MKII in geophysical prospecting
9. Prapiga Anna (2007), Geophysical techniques in Zominthos area for Archaeological remains.
10. Aggelis George(2008), Geoelectric measurements in Ancient Mycenae area for detection of possible buried archaeological remains.
11. Drakopoulos Dimitrios(2012) Searching for archaeological targets inside the Leontari
12. Cave at Hermits hill of Athens.
13. Zorbas Peter, Metaxa Evgenia, Norda Maria-Evaggelia, Economou Aggelos, Stratopoulos Konstantinos, Tsakiris Dimitrios, Chatzileontiadis Panos, (2012), Geoelectric Mapping and Geoelectric Imaging at University Campus region for detection of geological Fault.
14. Mourelatos Stefanos & Labros Smailis (2012), Interpretation of geoelectric imaging data with Oasis Montaj Software for the detection of geological discontinuities.

15. Gakou Christina (2013), Geophysical investigation in Campus region for detection of geological discontinuities by using ground penetrating system (Georadar) GSSI Sir System 10.
16. Bourboula Maria (2014). Geophysical processing on selected data from archaeometry investigation from Ancient Mantinia region.
17. Tsifoutidis Miltiadis (2015), Geophysical survey in Boeotia region by applying geoelectric imaging for recording of subsurface conductivity.
18. Attendance in Geophysical data processing under lecture of «Introduction to Greek
19. Civilization and Culture», Laboratory of Greek Language & Civilization, winter semester 2016-2017.
20. Sakelia Danae (2018), Selective geophysical processing data from Ancient Tritaea region for detection of archaeological remains.

Participation in Attendance of Graduate thesis

1. Angelis George (2013), Detailed geophysical investigation in Campus region for detection of geological discontinuities, Graduate Thesis, Sector of Applied Geology & Geophysics, Department of Geology, University of Patras 2013.
2. Politis Michael (2017), Hydrogeological-Geophysical investigation in Campus region of University of Patras, Graduate Thesis, Sector of Applied Geology & Geophysics, Department of Geology, University of Patras 2017.

Academic Books & Notes

Coauthor in Academic Books & Notes with title “Using of Geophysical Instruments, Field Exercises, Software” consisted of :

Electric Prospecting, notes about using Geoscan RM4, Geoelectric imaging, total of pages 229

Electromagnetic Propsecting, notes about using GPR Sir System 10, Geonics EM34-3XL, Sirotem MK-3, total of pages 191

Sound Prospecting, notes about using seismograph Geometrics ES-2401, total of pages 62

Magnetic Prospecting, notes about using proton Magnetometer Elsec 820, Geoscan FM 36, Bartington MS2, total of pages 75

Gravity Prospecting, notes about using Gravity meter Scintrex CG-3M, total of pages 32

Member of

Environmental and Engineering Geophysical Society
Geotechnical Chamber

Member of Scientific Programs

Science for Stability - Out Reach Component “Geophysical Investigations in the Char’s Winter Palace in St. Petersburg- Russia”

Science for Stability - Out Reach Component “Geophysical Investigations in the Altay Mountains - Siberia”

PENED’95 “Geophysical research in regions with Archaeological, Historical & Paleo human interest”

Conference Participation

1990 October Archaeometry seminar (Democritus Research Institution)

1991 April South-East Europe Archaeometry Conference (Delphi)

1991 June Geoscience & Environment Conference (University of Patras)

1991 October-March Computer Science seminar (Interface S.A. Αθήνα)

1995 April SAGEEP 23-27, Orlando Florida USA.

1996 November 3rd Symposium of Archaeometry, Hellenic Archaeometry Service, 6-10 November, Athens

1997 June 23-27 International Symposium of Engineering Geology and the Environment, Athens

Publications & Abstracts

1. St. P. Papamarinopoulos, St.Sotter, D.Katsonopoulou, P.Stefanopoulos, M. Papaioannou. (1994). A geophysical contribution to the program “The search of the lost city of Helike”. International Conference on the application of natural Sciences methods in Arcaelogy,27-30 Nov,1994 St. Petersburg, Russia.
2. St.P. Papamarinopoulos, Marina Papaioannou, P. Stefanopoulos & X. Bafitis (1995). The geophysical discovery of W.W. ΕΕ battle in central Crete in Greece and the solution of a major environmental Problem, SAGEEP (Symposium on the Application of Geophysics to Engineering and Environmental Problems) ‘95,23-27 April 1995, Orlando, Florida USA.
3. St. P. Papamarinopoulos, P. Stefanopoulos & M.G. Papaioannou (1995). Geophysical studies at Nikolaiika: a contribution to the search for ancient Heliki. 2nd international symposium “Ancient Heliki and Aigialia”, 1-3 December 1995, Aegion.
4. Papaioannou G.M, Papamarinopoulos S.P, Stefanopoulos P. (1996). Geophysical Studies in Hermitage Museum. The Char’s Former Winter Palace, in St. Ptetersburg. Proceedings, 6th International Conference on Ground Penetrating Radar.
5. St. Papamarinopoulos, M. Papaioannou, P Stefanopoulos & A. Bartsokas (1997). Geophysical studies within a cave at Kouklesi village in Northern Greece, international Symposium of Engineering Geology and the Enviroment, Athens June 23-27, 1997,pp 2997-3002, vol.3
6. St. Papamarinopoulos, M. Papaioannou, P. Stefanopoulos (1997). New Geological evidence in the center of Athens using the georadar. International Symposium of Engineering Geology and the Environment, Athens, June 23-27, 1997, pp 1425-1431, vol.2.
7. St. Papamarinopoulos, P. Stefanopoulos M. Papaioannou. (1997). Geophysical investigations in search of ancient Heliki and the protection of the archaeological site versus the rapid building expansion. International Symposium of Engineering Geology and the Environment, Athens, June 23-27, 1997,pp 3229-3235, vol.3.
8. Σαρρής, Α., Μαραγκού, Α. Γαβαλάς, Γ., Παπαχριστοδούλου, Ι., Γεωργιλιά, Κ., Κόκκινου, Ε., Δημητρίου, Ε., & Στεφανόπουλος Π., (2001) «Μεγάλης Κλίμακας Γεωφυσικές Διασκοπήσεις στην ευρύτερη περιοχή του Ερεθυμίου Απόλλωνος στο χωριό Θεολόγος Ρόδου», Αρχαιομετρικές Μελέτες για την Ελληνική προϊστορία και Αρχαιότητα, επ. Επιμέλεια : Ι. Μπασιάκος, Ε. Αλούπη & Γ. Φακορέλλης, Ελληνική Αρχαιομετρική Εταιρεία & Εταιρεία Μεσσηνιακών Αρχαιολογικών Σπουδών, σελ. 185-196, Αθήνα, 2001
9. St. Papamarinopoulos, A. Liosis, L.Polymenakos, P. Stephanopoulos and K. Limnaeou-Papakosta (2003). In Search of the Royal Ptolemaic Cemetery in Central Alexandria, Egypt-The first Contact, Archaeological Prospection,10,193-211
10. F. Maltezu and P. Stefanopoulos (2003). Aeromagnetic modelling of a compressional contact between the Ionian and pre-Apulian zones, Ionian Islands, Greece, Journal of the Balkan Geophysical Society, Vol 6, No 4, November 2003 pp. 202 - 208
11. B.S.J. Isserlin, M.Arvanitis, R.E. Jones, V. karastathis, S.P. Papamarinopoulos, P. Stephanopoulos, G.Syrides and J. Uren (2003). The Xanal of Xerxes in Northern Greece: Fact or Fiction? Recent Geophysical and Geoarchaeological Investigations, Proceedings of the 4th Symposium of the Hellenic Society for Archaeometry, National Hellenic Research Foundation, Athens 28-31 May 2003, p 59.
12. M. G. Papaioannou, S.P. Papamarinopoulos and P. Stefanopoulos (2003). Geophysical Research at Syntagma Square, Athens – Relationship to Geology and Ancient Texts, Proceedings of the 4th Symposium of the Hellenic Society for Archaeometry, National Hellenic Research Foundation, Athens 28-31 May 2003, p. 85

13. St. P. Papamarinopoulos, P. Stefanopoulos, M. G. Papaioannou, N. Charkiolakis and Ch. Vacliotis (2003). The Geophysical Research at the Church of St. Theodora at Vasta Megalopolis, Greece, Proceedings of the 4th Symposium of the Hellenic Society for Archaeometry, National Hellenic Research Foundation, Athens 28-31 May 2003, p. 99.
14. M. Dogan, St. P. Papamarinopoulos and P. Stefanopoulos (2003). Prospecting of the City Wall at the Asea Prehistoric Site (Greece). Using Geoelectric and GPR Techniques. Proceedings of the 4th Symposium of the Hellenic Society for Archaeometry, National Hellenic Research Foundation, Athens 28-31 May 2003, pp.129.
15. Dimitrios Frydas & Panayiotis Stefanopoulos (2009). A new occurrence of siliceous microfossils of Neogene deposits of the city of Heraklion, Crete, Greece, pp. 171-179, Band 10, Berliner palaobiologische Abhandkumgen, Berlin 2009.
16. St. P. Papamarinopoulos, P. G. Stephanopoulos, M. G. Papaioannou, N. Polosmak, O. Volcova (2012) Searching for "Indo-europeans" in central Asia,,pp. 57-70, Πρακτικά 5ου Συμποσίου της Ελληνικής Αρχαιομετρικής Εταιρείας, Επιστημονική Επιμέλεια: Ν. Ζαχαριάς, Μ. Γεωργακοπούλου, Κ. Πολυκρέτη, Γ. Φακορέλλης, Θ. Βάκουλης, ΕΚΔΟΣΕΙΣ ΠΑΠΑΖΗΣΗ ΑΘΗΝΑ 2012
17. Μ. G. Papaioannou, St. P. Papamarinopoulos, P. Stefanopoulos (2012). Geophysical investigation in the Hermitage Museum in St. Petersburg. , pp.117-126, Πρακτικά 5ου Συμποσίου της Ελληνικής Αρχαιομετρικής Εταιρείας, Επιστημονική Επιμέλεια: Ν. Ζαχαριάς, Μ. Γεωργακοπούλου, Κ. Πολυκρέτη, Γ. Φακορέλλης, Θ. Βάκουλης, ΕΚΔΟΣΕΙΣ ΠΑΠΑΖΗΣΗ ΑΘΗΝΑ 2012
18. P. G. Stefanopoulos, St. P. Papamarinopoulos, X. Bafitis, L. Polymenakos, S. Van Der Leew (2012). Integrated geophysical prospecting in North France, pp.127-136 Πρακτικά 5ου Συμποσίου της Ελληνικής Αρχαιομετρικής Εταιρείας, Επιστημονική Επιμέλεια: Ν. Ζαχαριάς, Μ. Γεωργακοπούλου, Κ. Πολυκρέτη, Γ. Φακορέλλης, Θ. Βάκουλης, ΕΚΔΟΣΕΙΣ ΠΑΠΑΖΗΣΗ ΑΘΗΝΑ 2012
19. Georgios L. Angelis, Panos Stephanopoulos, Stavros Papamarinopoulos (2013). Geoelectric Prospecting in University Campus region for detection of possible geological discontinuities, Rio, Patra, Greece. 13th International Congress of Geological Society of Greece September 5-8 2013 Chania, Crete, Greece.
20. Konstantinos G. Nikolakopoulos, Antonis Antonakakis, Aggeliki Kyriou, Ioannis Koukouvelas, Panagiotis Stefanopoulos (2018). "Comparison of terrestrial laser scanning and structure-from-motion photogrammetry for steep slope mapping," Proc. SPIE 10790, Earth Resources and Environmental Remote Sensing/GIS Applications IX, 107900F (9 October 2018); doi: 10.1117/12.2326175.
21. Aggeliki Kyriou, Maria Kakavas, Konstantinos Nikolakopoulos, Ioannis Koukouvelas, Panagiotis Stefanopoulos, Vasiliki Zygouri, Dionysis Tsigalidas (2020), "Landslide mapping and volume estimation using UAV-based point clouds, GIS and geophysical techniques," Proc. SPIE 11534, Earth Resources and Environmental Remote Sensing/GIS Applications XI, 115340T (20 September 2020); doi: 10.1117/12.2573986.