

Pavlos I. Asteriou

Civil – Geotechnical Engineer, MEng, MSc, PhD

+30 697 8117803 • +30 254100 79688 • pasterio@civil.duth.gr
Building B' – Civil Engineering Dpt, Kimmeria Campus, 67100 Xanthi

*Assistant Professor, Geotechnical Engineering Division
Dpt of Civil Engineering – Democritus University of Thrace*

Personal Details

Date of Birth: August 6th, 1982

Place of Birth: Newport Beach, California – U.S.A.

Nationality: Greek, American

Marital status: Single

Professional Experience

Democritus University of Thrace <i>Assistant Professor</i> Geotechnical Engineering Division - Dpt of Civil Engineering	2023–Present
Argo-e Group S.A. <i>Geotechnical Engineer Consultant</i> Consulting work on Geotechnical Engineering projects. Participation in research projects	2022–2023
OTM Engineering Consulting Company S.A. <i>Geotechnical Engineer - Head of Geotechnical Engineering Dpt</i> Management, organization, supervision and participation in geotechnical design projects	2020–2022
Pangaea Consulting Engineers L.T.D. <i>Geotechnical Engineer - Head of Geotechnical Laboratory</i> Organization, performance, presentation and evaluation of geotechnical investigations Participation in soil & rock engineering design projects (e.g., Tunneling, Underground structures, Earth-filled dams, Slope stability, Foundations, Rockfall protection)	2008–2014
West Macedonia Development Company – ANKO S.A. <i>Geotechnical Engineer</i> Consulting services and supervision for the construction of Earth-fill dams	2007–2009
ADF Consulting Engineers L.T.D. <i>Internship - Geotechnical laboratory technician</i>	2004

Education

National Technical University of Athens <i>School of Civil Engineering - Department of Geotechnics</i> Dissertation: Investigation of the Geotechnical Parameters which Control Rockfalls	2011–2016 <i>PhD</i>
National Technical University of Athens <i>Schools of Mining and Metallurgical Engineering & Civil Engineering</i> Design and Construction of Underground Works - <i>Grade 9.17/10 - Rank 2/20</i>	2009–2011 <i>MSc</i>
University of Patras <i>School of Engineering - Department of Civil Engineering</i> Specialization: Geotechnical Engineering - <i>Grade 7.88/10 - Rank 2/193</i>	2004–2008 <i>MEng</i>
Technological Educational Institute of Athens <i>Faculty of Technological Applications - Department of Civil Engineering</i> Infrastructure Engineering - <i>Grade 8.05/10 - Rank 1/180</i>	2000–2004 <i>BEng</i>

Academic Honors - Awards - Scholarships

State Scholarships Foundation (IKY): Post Doctoral Scholarship 2017-2019

National Technical University of Athens, Thomaidios award 2016: For the journal publication "Empirical Model for Predicting Rockfall Trajectory Direction"

NTUA Scholarship Foundation 2012-2016: Ph.D. Scholar

National Technical University of Athens, Thomaidios award 2013: For the conference paper "Rockfall: Scaling Factors for the Coefficient of Restitution"

International Society of Rock Mechanics (ISRM), Outstanding Paper Award for Young Scientists and Engineers 2013, Runner up: For the conference paper "Rockfall: Scaling Factors for the Coefficient of Restitution"

National Technical University of Athens, Thomaidios award 2012: For the journal publication "Geotechnical and Kinematic Parameters Affecting the Coefficients of Restitution for Rockfall Analysis"

Technical Chamber of Greece 2012: Award for Excellence in Academic studies

Leventis Scholarship Foundation 2011: Ph.D. Scholar

Academy of Athens, Lampadariou Award 2009: Award for Excellence in Geodetic studies

State Scholarships Foundation (IKY): National Scholarship 2005-06

State Scholarships Foundation (IKY): Socrates – Erasmus Scholarship 2003, Host Institution: University College Vitus Bering, Horsens – Denmark

Research Experience

National Technical University of Athens **2017–2019**

School of Civil Engineering

Development of an artificial intelligence software for rockfall analysis, *Principal researcher: Dr P. Asteriou*

National Science Foundation **2016–2017**

University of Michigan Ann Arbor

Post-Earthquake Aerial Reconnaissance of Geotechnical Engineering Systems, *Principal researcher: Prof D. Zekkos*

National Technical University of Athens **2016**

School of Civil Engineering

New Technologies for tunneling and underground works, *Principal researcher: Prof M. Kavadas*

Aristotle University of Thessaloniki **2014–2015**

Faculty of Sciences - School of Geology

Geological investigation, hazard assessment and mitigation of the slope instability phenomena in the Red Beach of Santorini Island, *Principal researcher: Prof V. Marinos*

National Technical University of Athens **2014–2015**

School of Civil Engineering

ENNSTRAM: Innovative steel structure design concepts for the energy sector with the use of modern materials, *Principal researcher: Prof C. Gantes*

Scientific & Professional Associations

Scientific Committees

- Member of the Scientific Committee of the ITA-AITES World Tunnel Congress 2023

Session Convener

- Rockfall Risk Assessment and Management - Current Practice and Developments, *at the XII IAEG Conference of the International Association of Engineering Geology, Torino–Italy (2014)*

Invited Speaker

- Experimental Investigation of the Coefficients of Restitution for Rockfalls, *at the 7th Hellenic Conference of Geotechnical Engineering (2014)*
- Rockfalls, *at OTM SA (2020)*

Scientific Liaisons

- Greek Representative in the Young Member Presidential Group of ISRM (2012-2015)
- Founding member of the Greek Young Member Group of ITA

Member of:

- International Society of Rock Mechanics, ISRM
- International Society of Soil Mechanics and Geotechnical Engineering, ISSMGE
- International Tunnelling and Underground Space Association, ITA
- Hellenic Society of Soil Mechanics and Geotechnical Engineering, HSSMGE
- Greek Tunnelling Society, GTS
- Greek Commission on Large Dams, GCOLD
- Association of Civil Engineers of Greece, ACEG
- Technical Chamber of Greece, TCG

Reviewer for the International journals:

- International Journal of Rock Mechanics and Mining Sciences, *Elsevier*
- Geotechnical and Geological Engineering, *Springer*
- Rock Mechanics and Rock Engineering, *Springer*
- Bulletin of Engineering Geology and the Environment, *Springer*
- Geomechanics and Geoengineering: An International Journal, *Taylor & Francis*
- Journal of Mountain Science, *Springer*
- International Journal of Computational Methods, *World Scientific*
- Environmental Earth Sciences, *Springer*
- Earth Sciences Research Journal, *Sede Bogotá*
- Powder Technology, *Elsevier*
- Geotechnique Letters, *ICE*

Reviewer for the Scientific conferences:

- World Tunnel Congress (WTC) 2023–Athens, ITA-AITES
- 9th Hellenic Conference of Geotechnical Engineering, Hellenic Society of Soil Mechanics and Geotechnical Engineering, Athens–Greece

Journal Publications

- J1 Geotechnical and kinematic parameters affecting the coefficients of restitution for rock fall analysis**
Asteriou P, Saroglou H & Tsiambaos G. *International Journal of Rock Mechanics and Mining Sciences*, 54, pp. 103–113, 2012
<https://doi.org/10.1016/j.ijrmms.2012.05.029> references Google Scholar: 178, Scopus: 115
- J2 Rockfalls: Influence of Rock Hardness on the Trajectory of Falling rock Blocks**
Asteriou P, Saroglou H & Tsiambaos G. *Bulletin of the Geological Society of Greece*, 47, pp. 1684–1693, 2013
<https://doi.org/10.12681/bgsg.11033> references Google Scholar: 22
- J3 Empirical Model for Predicting Rockfall Trajectory Direction**
Asteriou P & Tsiambaos G. *Rock Mechanics and Rock Engineering*, 49-3, pp.927–941, 2016
<https://doi.org/10.1007/s00603-015-0798-7> references Google Scholar: 62, Scopus: 52
- J4 An Engineering Geological Assessment Using Terrestrial Laser Scanning for the Stabilization of a Volcanic Slope in Santorini Island**
Marinos V, Papathanassiou G, Kaklis T, Prountzopoulos G, Asteriou P, Pantazis G, Lambrou E, Grendas N & Pavlides S. *Bulletin of the Geological Society of Greece*, 50, pp.835–844, 2016
<https://doi.org/10.12681/bgsg.11790>
- J5 Beyond the boundaries of feasible engineering geological solutions: stability considerations of the spectacular Red Beach cliffs on Santorini Island, Greece**
Marinos V, Prountzopoulos G, Asteriou P, Papathanassiou G, Kaklis T, Pantazis G, Lambrou E, Grendas N, Karantanellis E & Pavlides S. *Environmental Earth Sciences*, 76-15, p.513, 2017
<https://doi.org/10.1007/s12665-017-6823-2> references Google Scholar: 11, Scopus: 5
- J6 UAV-based mapping, back analysis and trajectory modeling of a coseismic rockfall in Lefkada island, Greece**
Saroglou H, Asteriou P, Zekkos D, Tsiambaos G, Clark M & Manousakis J. *Natural Hazards and Earth System Sciences*, 18-1, p. 321, 2018
<https://doi.org/10.5194/nhess-18-321-2018> references Google Scholar: 57, Scopus: 42

- J7 Effect of impact velocity, block mass and hardness on the coefficients of restitution for rockfall analysis**
Asteriou P & Tsiambaos G. *International Journal of Rock Mechanics and Mining Sciences*, 106, pp.41–50, 2018
<https://doi.org/10.1016/j.ijrmms.2018.04.001> references Google Scholar: 63, Scopus: 50
- J8 Effect of Impact Angle and Rotational Motion of Spherical Blocks on the Coefficients of Restitution for Rockfalls**
Asteriou P. *Geotechnical and Geological Engineering*, 37: 2523, 2019
<https://doi.org/10.1007/s10706-018-00774-0> references Google Scholar: 12, Scopus: 10

Publications in International Conferences

- C1 Rockfall: scaling factors for the coefficient of restitution**
Asteriou P, Saroglou H & Tsiambaos G. *Proceedings of The 2013 ISRM International Symposium EUROCK2013*, International Society for Rock Mechanics, Wroclaw–Poland, 2013
references Google Scholar: 22, Scopus: 10
- C2 Rockfall Experimental Investigation in 3D Space**
Asteriou P. *Proceedings of the 23rd Young Geotechnical Engineers Conference*, International Society of Soil Mechanics and Geotechnical Engineering, Barcelona–Spain, 2014
- C3 Rockfalls: Effect of Slope Surface Weathering on the Coefficients of Restitution**
Giokari S, Asteriou P, Saroglou H & Tsiambaos G. *Proceedings of the XII IAEG Conference*, International Association of Engineering Geology, Torino–Italy, 2015
https://doi.org/10.1007/978-3-319-09057-3_363 references Google Scholar: 10, Scopus: 6
- C4 Effect of Forest Presence on Rockfall Trajectory. An Example from Greece**
Saroglou H, Berger F, Bourrier F, Asteriou P, Tsiambaos G & Tsagkas D. *Proceedings of the XII IAEG Conference*, International Association of Engineering Geology, Torino–Italy, 2015
https://doi.org/10.1007/978-3-319-09057-3_337 references Google Scholar: 5, Scopus: 5
- C5 Investigation of two coseismic rockfalls during the 2015 Lefkada and 2014 Cephalonia Earthquakes, Greece**
Saroglou H, Asteriou P, Tsiambaos G, Zekkos D, Clark M & Manousakis J. *Proceedings of 3rd North American Symposium on Landslides*, Association of Environmental and Engineering Geologists (AEG), Virginia–USA, 2017
references Google Scholar: 9
- C6 A semi-empirical approach for the prediction of trajectories in rockfalls**
Asteriou P, & Tsiambaos G. *15th International Congress of the Geological Society of Greece, Athens, 22-24 May, 2019*
- C7 A new software tool for the analysis Of rockfalls**
Asteriou P. *15th International Congress of the Geological Society of Greece, Athens, 22-24 May, 2019*
- C8 Assessing the effect of the coefficients of restitution on rockfall trajectory**
Asteriou P. *Proceedings of 3rd European Regional Conference of IAEG, Athens, 6-10 October, 2021*

Publications in National Conferences

- N1 Leontos Undersea Tunnel in the Piraeus Port (In Greek)**
Tsatanifos C, Asteriou P & Vandolas V. *Proceedings of the 6th Hellenic Conference of Maritime Engineering*, Athens–Greece, 2013
- N2 Immersed Tunnel at the Outer Limit of the Piraeus Port (In Greek)**
Tsatanifos C, Vandolas V & Asteriou P. *Proceedings of the 6th Hellenic Conference of Maritime Engineering*, Athens–Greece, 2013
- N3 Theoretical and Experimental Investigation of the Coefficients of Restitution in Rockfalls (In Greek)**
Asteriou P & Tsiambaos G. *Proceedings of 7th Hellenic Conference of Geotechnical Engineering*, Hellenic Society of Soil Mechanics and Geotechnical Engineering, Athens–Greece, 2014
- N4 Investigation of Block Shape Effect on Rockfalls (In Greek)**
Asteriou P, Voudris A, Kostoyiannis I, & Tsiambaos G. *Proceedings of 7th Hellenic Conference of Geotechnical Engineering*, Hellenic Society of Soil Mechanics and Geotechnical Engineering, Athens–Greece, 2014

- N5 Rockfall Risk Assessment Using Three-dimensional Trajectory Analysis (In Greek)**
Saroglou H, Berger F, Asteriou P & Tsiambaos G. *Proceedings of 7th Hellenic Conference of Geotechnical Engineering*, Hellenic Society of Soil Mechanics and Geotechnical Engineering, Athens–Greece, **2014**
- N6 Assessment of the trajectory deviation in rockfalls (In Greek)**
Asteriou P, & Tsiambaos G. *Proceedings of 8th Hellenic Conference of Geotechnical Engineering*, Hellenic Society of Soil Mechanics and Geotechnical Engineering, Athens–Greece, **2019**
- N7 New methodology for the estimation of the coefficients of restitution used in rockfalls (In Greek)**
Asteriou P, & Tsiambaos G. *Proceedings of 8th Hellenic Conference of Geotechnical Engineering*, Hellenic Society of Soil Mechanics and Geotechnical Engineering, Athens–Greece, **2019**
- N8 Development of a computational code for the determination of rockfall trajectories (In Greek)**
Asteriou P, & Tsiambaos G. *Proceedings of 8th Hellenic Conference of Geotechnical Engineering*, Hellenic Society of Soil Mechanics and Geotechnical Engineering, Athens–Greece, **2019**
- N9 Assessment of rockfalls using free online crowdsourced data (In Greek)**
Asteriou P, Manousakis J. & Zekkos D. *Proceedings of 9th Hellenic Conference of Geotechnical Engineering*, Hellenic Society of Soil Mechanics and Geotechnical Engineering, Athens–Greece, **2023**
- N10 Influence of compaction on the design of reinforced earth walls (In Greek)**
Chikaras M, Asteriou P, Tsavals-Hardy A & Chanteperdrix B. *Proceedings of 9th Hellenic Conference of Geotechnical Engineering*, Hellenic Society of Soil Mechanics and Geotechnical Engineering, Athens–Greece, **2023**

Other Publications

- B1 Investigation of the Geotechnical Parameters which Control Rockfalls**
Asteriou P. *PhD Thesis - Department of Geotechnics – National Technical University of Athens* 691p. **2016**
<http://hdl.handle.net/10442/hedi/38804>
- B2 Development of Intelligent Computer Simulation for Rockfall Trajectory Analysis**
Asteriou P. *Post-Doctorate Report* 72p. **2019**
<http://repository-empedu-rd.ekt.gr/empedu-rd/handle/123456789/416>
- B3 Rockfalls**
Asteriou P. *Editing - Coordination: M. Kalogeraki, Publisher: NetAD. The publication was made by OTM Engineering Consulting Company S.A. in 1100 copies and distributed accompanying the wishes of the year 2020.* 120p. **2019**

Research Impact

Google Scholar: 452 references, h-index: 9, i10-index: 9
<https://scholar.google.gr/citations?user=gakfbwCAAAA&hl=el>

Scopus: 284 references, h-index: 6
<https://www.scopus.com/authid/detail.uri?authorId=55259880900>

Teaching Experience

- University of West Attica** **2018–23**
Adjunct Lecturer in the Faculty of Engineering
- BEng in Civil Engineering
 - Rock Mechanics - Tunnelling (2018 - 2021)
 - Slope Stability (2018 - 2021)
 - Experimental Soil Mechanics (2019 - 2023)
 - Deep Excavations and Retaining Structures (2018 - 2019)
- ATEI of Athens** **2017–18**
Teaching Associate in the Faculty of Technological Applications
- BEng in Civil Engineering and Surveying & Geoinformatics Engineering
 - Soil Mechanics Laboratory (2017 - 2018)

Metropolitan College

2015–2019, 2021–2023

Adjunct Lecturer in the School of Architecture, Computing and Engineering

- BEng (Hons) Civil Engineering & Construction
 - Geotechnical and Material Analysis (2015 - 2020, 2021 - 2023)
 - Geotechnical Engineering Design (2015 - 2020, 2021 - 2023)

National Technical University of Athens

2011–2016, 2018–2019

Teaching Assistant in the School of Civil Engineering

- MEng Programme in Civil Engineering
 - Geology for Engineers (2011 - 2016, 2018–2019)
 - Engineering Geology (2011 - 2016)
 - Introduction to Rock Mechanics & Tunneling (2014 - 2016)
- MSc Programme in Design and Construction of Underground Works
 - Geotechnical and Geophysical Exploration (2018–2019)
 - Geotechnical Explorations for Underground Works (2011 - 2016)
 - Tunnel Portal Design (2011 - 2016)

Theses Supervision

University of West Attica - Faculty of Engineering - Department of Civil Engineering

1. Design of rockfall catchment ditches. By: N. Kanzas (July 2021)
2. Design of reinforced soil embankments. By: F. Malisiova (July 2021)
3. Construction and technology of immersed tunnels. By: E. Evaggelinos (July 2022)
4. Rockmass classification systems for the construction of technical works. By: M. Zakoula (July 2022)

Theses Co-Supervision

National Technical University of Athens - School of Civil Engineering

MEng in Civil Engineering

1. Rockfalls - Experimental Investigation of the Effects of the Incidence Surface Characteristics. By: S. Giocary (March 2013), Supervisor: Prof G. Tsiambaos
2. Three-dimensional rockfall analysis: Field and laboratory applications. By: A. Voudris & E. Kostogiannis (July 2013), Supervisor: Prof G. Tsiambaos
3. Investigating the effect of soil cover over rocky slopes on rockfalls. By: P. Vatistas (July 2014), Supervisor: Prof G. Tsiambaos
4. Investigating the effect of impact kinematics on rockfalls. By: I. Vasilopoulou (July 2015), Supervisor: Prof G. Tsiambaos
5. Development of a computer simulation of rockfalls. By: D. Mpardakas (July 2016), Supervisor: Prof G. Tsiambaos

National Technical University of Athens - Schools of Mining and Metallurgical & Civil Engineering

MSc in Design and Construction of Underground Works

1. Effect of block shape on rockfalls. By: N. Karagiannopoulos (March 2014), Supervisor: Prof G. Tsiambaos
2. 3D Rockfall Trajectory Analysis with Laboratory Investigation Data. By: P. Morou (April 2014), Supervisor: Prof G. Tsiambaos
3. Investigation of lateral deflection of rockfalls. By: A. Gkiourtzidis (September 2015), Supervisor: Prof G. Tsiambaos

Participation in Design Projects

- **Patras–Pyrgos Open Cuts Design.** *Geotechnical Investigations and Design* - PA.PY. Motorway [2022]
- **Motorway Rockfall Protection at Thiseas Tunnel Portal.** *Geotechnical Investigations; Risk Assessment; Rockfall Protection Design* - EL.KO. Motorway - OLYMPIA ODOS SA [2022]
- **Protection Against Loose Rock Mass on Skyron Tunnel.** *Geotechnical Investigations; Rockfall Protection Design* - EL.KO. Motorway - OLYMPIA ODOS SA [2021]
- **Mitigation of Slope Instability at Ch. 155+600.** *Geotechnical Investigations; Final Design of Rockfall Protection System* - KO.PA. Motorway - OLYMPIA ODOS SA [2021]

- **Protection Against Rockfalls on T13A Tunnel Portal.** *Geotechnical Investigations; Rockfall Protection Design* - KO.PA. Motorway - OLYMPIA ODOS SA [2021]
- **Risk Mitigation Support Measures on KO.PA. MSE Walls.** *Preliminary and Final Design for R279, R458, R480, R531, R552, R559, R561 and G258 MSE structures* - KO.PA. Motorway - APION KLEOS CJV [2020]
- **Red Beach and Apothikes Area of Thira Municipality.** *Geological Investigation; Hazard Assessment; Rockfall Mitigation* - Aristotle University -Thira Municipality [2014-2015]
- **Drepano Quarry.** *Rockfall Protection Final Design* - Enaeritis SA - TITAN [2014]
- **Harmisko Dam.** *Geotechnical Investigation* - Tolofonas City - Ministry of Agriculture [2013]
- **Loutra Aidipsou Bypass Road.** *Geological Investigation; Geotechnical Investigation; Rockfall Mitigation; Slope Stability* - Evia Municipality [2013]
- **Kastania Dam .** *As Built Report* - Allonissos Island - Ministry of Agriculture [2012]
- **Kontaratos Residence.** *Geotechnical Investigation; Foundation Design; Slope Stability; Pile Wall Design* - T. Kontaratos [2012]
- **Stavros Niarchos Foundation Cultural Center (SNFCC) - Tender Stage.** *Design Checking; Consulting Services* - J&P AVAX SA [2012]
- **Subsea Pedestrian Tunnel from Palataki Area to Ietionia Coast in Peiraias Central Port.** *Preliminary Design of Tunnel Excavation, Temporary and Final Support; Access Shafts Design* - Peiraias Port Organization SA [2011]
- **Subsea Road Connection of South and North Side of Peiraias Central Port.** *Alternative Solutions Investigation; Feasibility Study; Preliminary Design* - Peiraias Port Organization SA [2011]
- **Livatopos Dam.** *Geotechnical Investigation* - Larisa Municipality, Pournari – Ampelakia area - Ministry of Agriculture [2011]
- **SATAH AL RAZBOOT – Full Development Project, Zirku Island, Abu Dhabi, U.A.E. – Tender Stage.** *Slope Stability Verification & Design; Embankment Slope Stability Verification & Design; Earthworks Construction Methodology* - ADMA-OPCO - Athena Emirates Ltd [2011]
- **Solar Energy Park.** *Geotechnical Investigation; Foundation Design* - Arvi - ORION SA [2011]
- **North Road Axis of Creta (BOAK), Kalives - Vrises section, Twin Tunnels Σ1 & Σ2.** *Geotechnical Investigation; Design of Excavation & Temporary Support; Access Shafts Design; Final Lining Design; Tender Documents* - Ministry of Public Works - EYDE/BOAK [2010]
- **Kardia Mine - Ptolemaida.** *Geotechnical Investigation; Estimation of Tailing Deposits Settlements; Waterproof Lining Design of the Soulou River New Axis* - Public Electricity Company SA [2010]
- **Drosia - Loukisisa National Road, Cocosi Slope Instabilities.** *Geotechnical Investigation; Retaining Wall Design; Slope Stability Assessment; Rockfall Mitigation* - Municipality of Evia [2010]
- **Tourist Port (Marina).** *Geotechnical Investigation* - Ermioni Marine SA [2010]
- **North Road Axis of Creta (BOAK), Gournes - Hersonisos section, Slope Cuts 1 to 6 & Bridge ΓΦ4.** *Geotechnical Investigation; Design Studies* - Ministry of Public Works - EYDE/BOAK [2009 - 2010]
- **Pagani Quarry in Mitilini City.** *Slope and Embankment Design* - City of Mitilini [2009]
- **Mediterranean Cosmos Commercial Center Building.** *Geotechnical Investigation; Forensic Assessment of Settlements; Design of Remediation Works; Tender Documents* - Lamda Development [2009]
- **DEYAK Building.** *Geotechnical Investigation; Foundation Design* - DEYA Kozani [2009]
- **Mavromati Dam.** *Consulting Services and Supervision of the Construction; Geotechnical Investigation; Design of Quarry Slopes* - Sourpi City - Magnisia Municipality [2008-2011]
- **Underground Hazardous Waste Repository in Technological and Cultural Park of Lavrio.** *Final Design Revision of Excavation and Temporary Support of the Access Shaft; Consulting Services* - PROET SA – J&P AVAX SA – NTUA [2008-2009]
- **Galatini Hydraulic Tunnel.** *Geological Investigation; Design of Excavation & Temporary Support; Access Shafts Design; Final Lining Design; Tender Documents* - Askio City - Regional Development Agency of West Macedonia (AN.KO.) SA [2008]
- **Milohori Dam.** *Consulting Services and Supervision of the Construction; Geotechnical Monitoring; As Built Report* - Kozani Municipality - Regional Development Agency of West Macedonia (AN.KO.) SA [2007-2010]
- **Emporio Dams.** *Consulting Services and Supervision of the Construction* - Kozani Municipality - Regional Development Agency of West Macedonia (AN.KO.) SA [2007-2010]
- **Anarrachi Dam.** *Consulting Services and Supervision of the Construction* - Kozani Municipality - Regional Development Agency of West Macedonia (AN.KO.) SA [2007-2010]
- **Sisani Dam.** *Consulting Services and Supervision of the Construction; Geotechnical Monitoring; As Built Report* - Kozani Municipality - Regional Development Agency of West Macedonia (AN.KO.) SA [2007-2009]

Computer skills

Geotechnical Software: Plaxis 2D, Plaxis 3D, Slide, RS², RS³, Dips, Rockdata, Rocklab, Unwedge, Swedge, Rocplane, Rocsupport, RocFall, RocFall 3D, Settle 3D, RockyFor3D, GEO5

Structural Software: SOFISTIK, Sap2000, ETABS, Betonexpress, Frame, Prokon

General Engineering Software: Autocad, Mathematica, Matlab, Mathcad, ArcGIS, R

General Office Software: Microsoft Office, LaTeX, Grapher, CorelDraw, EndNote

Languages

Greek: Native

English: Native

German: Novice