



Σύντομο Προφίλ Ακαδημαϊκού Προσωπικού / Σύντομο Βιογραφικό Σημείωμα

Πανεπιστήμιο:	Πανεπιστήμιο Νεάπολις Πάφου
Επίθετο:	Γεωργίου
Όνομα:	Ελπίδα
Βαθμίδα/Θέση:	Επισκέπτης Λέκτορας
Σχολή:	Σχολή Αρχιτεκτονικής, Μηχανικής και Γεωπεριβαλλοντικών Επιστημών
Τμήμα:	Τμήμα Πολιτικών Μηχανικών
Επιστημονικό Πεδίο:	Υπολογιστική προσομοίωση κατασκευών με χρήση ανάλυσης πεπερασμένων στοιχείων, αξιολόγηση και επισκευή υφιστάμενων κατασκευών υπό σεισμική φόρτιση, εκτίμηση επικινδυνότητας κατασκευών, μείωση κινδύνου καταστροφών, ενσωμάτωση της τηλεπισκόπησης στην υπολογιστική μοντελοποίηση

Ακαδημαϊκά Προσόντα / Τίτλοι Σπουδών

Ακαδημαϊκός Τίτλος	Έτος	Ίδρυμα	Τμήμα	Τίτλος Διατριβής
PhD in Seismic Retrofitting of RC Frames with RC Infilling	2020	Cyprus University of Technology	Civil Engineering and Geomatics	RC-Frames Infilled with RC InfillWalls for Seismic Retrofitting
MSc in Earthquake Engineering with Disaster Management (EEDM)	2012	University College London (UCL)	Civil, Environmental and Geomatic Engineering	Hazus application to assess the seismic risk in a case study area, critique and evaluation
BSc in Civil Engineering	2011	Cyprus University of Technology	Civil Engineering and Geomatics	Seismic renovation of school buildings in Cyprus



Ιστορικό Εργοδότησης σε Ακαδημαϊκά Ιδρύματα/Ερευνητικά Κέντρα

Περίοδος Εργοδότησης		Εργοδότης	Τόπος	Θέση
Από	Μέχρι			
2024	Σήμερα	Πανεπιστήμιο Νεάπολις Πάφος	Πάφος, Κύπρος	Επισκέπτης Λέκτορας
2023	2024	Delft University of Technology	Delft, The Netherlands	Post-Doctoral Researcher
2021	Σήμερα	Τεχνολογικό Πανεπιστήμιο Κύπρου	Λεμεσός, Κύπρος	Post-Doctoral Researcher

Κύρια άρθρα σε επιστημονικά περιοδικά με κριτές, μονογραφίες, βιβλία, εκδόσεις συνεδρίων

A/A	Έτος	Τίτλος	Άλλοι συγγραφείς	Επιστημονικό Περιοδικό και Εκδότης/Συνέδριο	Τόμος	Σελ.
1	2023	Performance-Based Numerical Analysis at Various Hazard Earthquake levels for the retrofiting of RC frames with RC infill walls	Nicholas Kyriakides & Christis Z. Chrysostomou	Fib Symposium 2023, Istanbul	2	1146-1157
2	2022	Performance-based numerical analysis at various hazard earthquake levels for the retrofiting of RC frames with RC infill walls	Nicholas Kyriakides & Christis Z. Chrysostomou	5 th Hellenic National Conference on Earthquake Engineering and Technical Seismology, Athens	3	
3	2022	Results from the parametric study of the number and arrangement of dowels for the seismic strengthening of RC frames with RC infill walls	Nicholas Kyriakides & Christis Z. Chrysostomou	3 rd European Conference on Earthquake Engineering & Seismology, Bucharest		
4	2022	Nonlinear numerical parametric study of the number and arrangement of dowels	Nicholas Kyriakides & Christis Z. Chrysostomou	Bulletin of Earthquake Engineering	20	3821-3862



		connecting the wall to the bounding frame for the seismic strengthening of RC frames with RC infill walls				
5	2022	Numerical simulation of RC frames infilled with RC walls for seismic strengthening of existing structures	Nicholas Kyriakides & Christis Z. Chrysostomou	Bulletin of Earthquake Engineering	20	2369-2398
6	2020	FE Model of RC Frames Infilled with RC Walls for Seismic Retrofitting and Nonlinear parametric study of dowels	Nicholas Kyriakides & Christis Z. Chrysostomou	17 th World Conference on Earthquake Engineering, Sendai		
7	2019	Retrofitting of RC frames with RC infill walls	Nicholas Kyriakides & Christis Z. Chrysostomou	4 th Hellenic National Conference on Earthquake Engineering and Technical Seismology, Athens		
8	2019	Nonlinear Numerical Parametric Study of Dowels for the Seismic Strengthening of RC Frames with RC Infill Walls	Nicholas Kyriakides & Christis Z. Chrysostomou	7 th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering Methods in Structural Dynamics and Earthquake Engineering, COMPDYN 2019 Conference, Crete		
9	2018	Numerical Simulation of the Experimental results of the Seismic Strengthening of existing Structures	Nicholas Kyriakides & Christis Z. Chrysostomou	16 th European Conference on Earthquake Engineering, Thessaloniki		
10	2015	Numerical simulation of the experimental results of a RC frame retrofitted with RC Infill walls	Nicholas Kyriakides, Christis Z. Chrysostomou, Panagiotis Kotronis, Panayiotis C. Roussis	Earthquake and Structures	9	735-752



Ερευνητικά Projects

A/A	Ημερομηνία	Τίτλος	Επιχορήγηση Από:	Ρόλος στο Ερευνητικό Projects
1	2023	Protecting heritage from space	Dutch Research Council	Integration between satellite displacement observation data and computational model of heritage to evaluate the structural behaviour
2	2021-2023	ISTOS Center of Excellence, Center of Innovative Solutions for Building Safety	H2020-WIDESPREAD-2020-5, REA	Numerical parametric analysis for the performance of existing RC frame buildings retrofitted with RC infill walls for different earthquake inputs at various levels and Preparation of reports and deliverables, participation in trainings, workshops, and missions
3	2022	EMERGE Centre of Excellence, East Med Energy Research Centre of Excellence for Growth and Education	Cyprus Ministry of Energy, Trade and Industry	Numerical modelling and monitoring of offshore structure
4	2020	Young Innovators Cyprus EIT Climate-KIC Knowledge and Innovation Community Program	European Institute of Innovation and Technology (EIT)	Trained to train the trainers for courses to students and teachers
5	2008-2020	Climate-KIC European Institute of Innovation and Technology	European Commission	Participation for the organization and the execution of summer school programs in Cyprus
6	2018	ENGINEITE: ENGINEERING and Industry Innovative Training for Engineers via PBL	European Commission	Preparation and presentation of Engineering Systems Thinking: Reengineering by Simplifying course material, offer training and mentoring to postgraduate participants
7	2018	ARISTA, Seismic Assessment of Reinforced Concrete frames with Smooth Bars-Proposals for EC8-Part 3, Transnational Access Use, Seismology and Earthquake Engineering Research Infrastructure Alliance for Europe, SERA	H2020-INFRAI	Numerical modelling of the specimen



8	2013	Seismic Retrofitting of RC frames with RC infilling (SERFIN) – Proposals for EC8-Part3	7 th Framework Program, SERIES	Finite element analysis of the experimental results and numerical modelling of the specimen
9	2011	Seismic Safety and Vulnerability Mitigation of School Buildings	Research Promotion Foundation	Collection and analysis of data about the retrofiting methods that were applied in school buildings in Cyprus

Ακαδημαϊκές Συμβουλευτικές Υπηρεσίες ή/και Συμμετοχή σε Συμβούλια / Επιτροπές

A/A	Περίοδος	Οργανισμός	Τίτλος Θέσης ή Υπηρεσίας	Κύριες Δραστηριότητες
1	2022-Σήμερα	Hybrid Committee for Research of Cyprus University of Technology	Member	Meetings, suggestions for improving procedures and regulations
2	2013-Σήμερα	Cyprus Scientific and Technical Chamber (ETEK)	Professional Member	Dealing with local technical issues and professional projects
3	2012-Σήμερα	Cyprus Association of Civil Engineers (SPOLMIK)	Professional Member	Participating in educational events, conferences, or seminars. During 2015-2017 organizing and administrative duties as Elected Member in Limassol provincial council
4	2012-Σήμερα	Society of Engineering and Structural Dynamics (SECED)	Member	Participating in educational events, conferences, or seminars
5	2012-2020	Institution of Structural Engineers (IStructE)	Student Member	Participating in educational events, conferences, or seminar



Βραβεύσεις / Διεθνείς Διακρίσεις

A/A	Ημερομηνία	Τίτλος	Βράβευση από:
1	2022	Proposal for Mobility and Training for Collaboration with Professor Panagiotis Kotronis, University of Nantes	Erasmus+ European Commission
2	2014	Scholarship for PhD study on the field of Seismic Retrofitting of RC Frames with RC Infilling for the year 2014	Department of Civil Engineering and Geomatics, Cyprus University of Technology
3	2013	OHIM and IP Australia Certificate of Registration for a Solar Panel Design	OHIM and IP Australia
4	2008	First year of study for best performance in 'Integrated Design'	Civil Engineering and Geomatics Department of the Cyprus University of Technology
5	2007	Best Moral Character of student	Ayios Antonios Lyceum
6	2007	Best performance in the Technology course	Ayios Antonios Lyceum
7	2007	Best graduation mark in her district	Akrotiri district
8	2007	Distinction at the 21 st Pan Cyprian Physics Olympiad	Cyprus Physicist Association