Curriculum Vitae

Dr. Vasileios C. Kamperidis

Lecturer in Civil/Structural Engineering, University of Surrey, UK

Civil/Structural Engineer, Diploma, MEng, MSc, PhD, CEng, FHEA

Mobile phone number: +447903708690 | E-mails: Vasileios.C.Kamperidis@gmail.com; V.Kamperidis@surrey.ac.uk | Skype: Vasileios C. Kamperidis (username: billkamper) | ORCID iD identifier (full): https://orcid.org/0000-0003-4893-7110 | Scopus ID: 57202915289

Career Summary

I have a 6.5-year experience as a researcher in the field of Structural Engineering, a 7.5-year teaching experience in academic institutions in Civil Engineering, and a 13-year professional experience as a Chartered Engineer in the field of Civil Engineering in Greece (CEng in Greece). My research is in novel structural systems, devices (e.g., dampers), joints, methods, and frameworks that can involve the use, assessment, and development of high-performance and safe "Green" structural materials (e.g., Bamboo, Mass Timber, Stainless Steel), combined with traditional construction materials, for providing enhanced sustainability/circularity, structural resilience and robustness in buildings and infrastructure against multiple hazards, such as Earthquakes, Extreme Weather (e.g., Typhons). I am a fellow of the Advance HE of the UK (FHEA) and an external examiner at the Athens Metropolitan College (AMC) of Greece. I believe that my above skills, competencies and experience place me in the best position to optimally understand, serve and communicate the needs and priorities of the society and industry to academia and vice versa. Currently, I am a lecturer in the School of Sustainability, Civil & Env. Engineering, University of Surrey, United Kingdom, since August 2023.

Education

2013-17 **Ph.D. in Earthquake (Structural) Engineering** (Mar.2013-Nov.2016 (submission of thesis)). *School of Engineering, The University of Warwick, Coventry, United Kingdom*. Grade: na. PhD Title: "Novel Damage-Free Self-Centering Column Base Connection for Earthquake-Resilient Steel Buildings". Supervisor: *Associate Professor Theodore L. Karavasilis*. Actual PhD duration: **3 yrs and 8 months**.

2010 **M.Sc. in Structural Engineering** (Oct.2007-Nov.2010). *Department of Civil Engineering, Faculty of Engineering, Democritus University of Thrace, Xanthi, Greece*. M.Sc. GPA: **7.75/10**. MSc Thesis Title: "Investigation of the modelling of the spatial interaction in reinforced concrete buildings under seismic excitations". Thesis Grade: **10/10**. Supervisor: *Professor Christos G. Karayannis*, *Assistant Professor Maria J. Favvata* (co-supervision) (currently at the University of Patras, Greece).

2003 **Diploma in Civil Engineering (5-year studies) (First Degree - Equivalent to MEng)** (Oct.1997-Oct.2003). *Department of Civil Engineering, Faculty of Engineering, Democritus University of Thrace, Xanthi, Greece*. GPA: **6.76/10** (Ranking: 13th/180). Dissertation Title: "Experimental and theoretical investigation of the mechanical behaviour of rectangular-section reinforced concrete columns,

externally confined with GFRPs and CFRPs jackets". Dissertation Grade: **10/10**. Supervisor: *Professor A.I. Karabinis*.

Research

Research Areas, Specialization, and Interests

These include: Novel multi-hazard-resilient (e.g., earthquakes, winds) and sustainable ("Green") structural systems, e.g., Innovative hybrid timber-steel structural systems | Innovative damage-free self-centering connections for buildings and bridges | Modelling, Analysis and Experimental Investigation of Existing and New Green Structural Materials (Development & Characterisation/Constitutive modelling), e.g., Cross-laminated Bamboo (CLB), Glued Laminated Bamboo (Glubam), Glued Laminated Bamboo (Glulam), Cross-laminated Timber (CLT) and Laminated veneer lumber (LVL), utilising non-toxic and low/neutral carbon adhesives | Collapse risk assessment and fragility analysis of structures | Digital fabrication of Structural Components and Connections (e.g., 3D-Printing, CNC), combined with Topology Optimisation | New tools and frameworks for multi-criteria decision making (MCDM) against multi-hazards, e.g., earthquakes, extreme weather, tsunamis | Performance- and resilience-based seismic design of structures | Advanced finite element method (FEM) modelling and analysis of steel, composite, and timber structures (buckling, fracture, fatigue) | Structural Dynamics and Earthquake Engineering | Hazard mitigation | Progressive collapse | Structural Circularity | Flood- and tsunami-borne debris-induced impact on structures | Post-disaster system functionality and community resilience.

Research Experience/Work

My **research experience** in the field of *Structural Engineering*, involves the following roles (all Publication references hereinafter are from my *Publication* section, below):

2016-now **Researcher**. My *current research* includes the numerical and experimental investigation of the collapse behaviour of steel post-tensioned (PT) beam-column connections for earthquake-resilient steel buildings, which is facilitated by Machine Learning (ML) (Publication No. 12). Another ongoing research investigates the performance of conventional MRFs strengthened with the self-centering column bases of my PhD. The system is proposed as a sustainable alternative to existing retrofit techniques that relate to costly downtime, enhancing structural resilience (Publication No. 10). Recently, I developed and am investigating a novel self-centering beam-column connection that aims to address the impracticalities of the existing self-centering systems, with the overarching target to enhance their structural circularity (Publication No. 11). I also am extending my investigation in cost-effective 3D-structural systems, fully-equipped with self-centering connections (Publication No. 13). Another recent research showed that previously published findings in earthquake-resilient MRFs equipped with my PhD's self-centering column bases (in Publication No. 7) also apply to near-fault earthquakes (Publication No. 8). Publication No. 7 investigates the effect of base stiffness and strength on the seismic response and collapse risk of self-centering buildings with PT connections. The work showed that PT column bases significantly improved the seismic and collapse performance of self-centering MRFs, and that these frames can be designed for appreciably smaller members, facilitating material economy. Recently, we initiated a research project that pertains to the development of a new Laminated veneer lumber (LVL) hybrid structural system. This utilises members strengthened with a novel "Green" material, combined with

novel LVL connections. The project aims to fill code gaps in LVL construction, improve fire safety and robustness of timber structures, and enhance their sustainability. Part of this project are two PhDs, supervised by Dr. Themelina Paraskeva (Edith Cowan University, AU), one of which is on LVL connections and material characterization, and the other on wall and flooring LVL systems, utilising, non-toxic and low/neutral-carbon, bio-adhesives. Lastly, we have been working in creating a novel rating framework for assessing the multi-hazard resilience of critical infrastructure, e.g., bridges. The framework considers various Green materials, different geographical regions and bridge typologies, and various hazard.

My *research plans* involve the following research: (a) Development and investigation of novel steel, steel-timber/bamboo, and steel-concrete structural systems for multi-hazard structural resilience of building structures and infrastructure (e.g., bridges); (b) Development of state-of-the-art analytical and numerical models for buckling and instability in steel members; (c) Robustness assessment of self-centering systems under man-made hazards (vehicle impacts, explosions); (d) Wind turbines utilising mass timber; and (e) Digital fabrication (e.g., 3D-printing) of structural members, components/devices, combined with Topology Optimisation to enhance sustainability and performance.

Research proposals through which I believe I can obtain *research funding* are the following: (1) a proposal on a Novel 'smart' device I have developed, with variable structural properties and passive damping. The device can be used in new or retrofitted buildings and other infrastructure (e.g., transportation (bridges)) to enhance their sustainability and mitigate multi-hazard risk against earthquakes, traffic vibrations, strong winds, impacts, fire, and blasts. There is ongoing research in this project; and (2) a proposal on a novel hybrid steel-timber structural system with self-centering and damage-free connections, and an innovative flooring system, equipped with a digital-fabricated novel damper, all made from engineered timber and bamboo (LVL, CLT, and CLB).

More details on my current, ongoing and future research plans and potential patents can be found in my research statement, when attached along with my CV, or upon request.

2013-16 **Doctoral Researcher**. *School of Engineering, The University of Warwick, UK*. Invention, development and seismic assessment of a novel, damage-free and self-centering column base connection for steel and steel-concrete composite buildings. Supervision: *Associate Professor T.L. Karavasilis*. This resulted in Publications No. 1, 2, 3, 5 and 6.

2012-13 **Researcher**. *Civionics Research Centre, University of Western Sydney, Australia*. Finite element modelling of high-strength stainless steel innovative seismic dampers. Unpaid collaboration with *Associate Professor G. Vasdravellis* and *Professor Brian Uy* (The University of Sydney). This resulted in Publication No. 4.

2008-10 **MSc.** *Department of Civil Engineering, Faculty of Engineering, Democritus University of Thrace, Greece*. Numerical investigation of the effect of the earthquake-induced building pounding. Supervision: *Professor C.G. Karayannis*, *Lecturer M.J. Favvata* (co-supervision). MSc Thesis available upon request.

2001-03 **MEng.** *Department of Civil Engineering, Faculty of Engineering, Democritus University of Thrace, Greece*. Real-scale experimental and analytical evaluation of the contribution of fiber-reinforced polymer (FRP) confinement in reinforced concrete columns. Supervision: *Professor A.I. Karabinis*. Diploma Dissertation available upon request.

Publications (includes research in progress, submitted and under review)

13 Papavasileiou, G.S. and **Kamperidis V.C.** (expected 2024), "Seismic performance and collapse assessment of cost-optimised earthquake-resilient buildings with self-centering MRFs", In preparation for *Earthquake Engineering & Structural Dynamics* – **Impact factor: 4.060**.

12 **Kamperidis, V.C.** and Vasdravellis, G. (expected 2024), "Experimental and numerical investigation and analytical modelling of the collapse behaviour of steel post-tensioned connections". In preparation for *Earthquake Engineering & Structural Dynamics* – **Impact factor: 4.060**.

11 **Kamperidis, V.C.**, Paraskeva, T., Latour, M., Karavasilis, T.L. and Rizzano, G. (expected 2024), "Self-centering low-damage beam-column connection for enhanced repairability, demountability and applicability". In preparation for *Journal of Structural Engineering* – **Impact factor: 2.528**.

10 **Kamperidis, V.C.** and Papavasileiou, G.S. (expected 2024), "Earthquake-resilient MRFs with rocking base isolation". In preparation for *Soil Dynamics and Earthquake Engineering* – **Impact factor: 4.25**.

9 Vidanalage, N. P., Paraskeva, T. S., and **Kamperidis, V. K.** (2024), "Experimental investigation of the embedment strength of laminated veneer lumber (LVL)", Submitted for presentation in *Sustainable Construction Materials and Technologies Conferences* (SCMT6), 9th - 14th June 2024, University of Lyon, Ecole Nationale des Travaux Publics de l'Etat (ENTPE), Lyon, France, Paper No. 237.

8 Kamaris, G.S., Papavasileiou, G.S., **Kamperidis, V.C.** and Vasdravellis, G. (2022), "Residual drift risk of self-centering steel MRFs with novel steel column bases in near-fault regions". *Soil Dynamics and Earthquake Engineering* (**Impact factor: 4.25**), Volume 162, November, 107391, https://doi.org/10.1016/j.soildyn.2022.107391

7 **Kamperidis V.C.**, Papavasileiou G.S., Kamaris G.S. and Vasdravellis G. (2020). "Seismic collapse of self-centering steel MRFs with different column base structural properties". *Journal of Constructional Steel Research* (**Impact factor: 3.646**), Volume 175, December, 106364, https://doi.org/10.1016/j.jcsr.2020.106364

6 **Kamperidis V.C.**, Karavasilis T.L., Vasdravellis G. (2018). "Self-centering steel column base with metallic energy dissipation devices". *Journal of Constructional Steel Research* (**Impact factor: 3.646**), Volume 149, October 2018, Pages 14-30, https://doi.org/10.1016/j.jcsr.2018.06.027 (**4-star paper** for REF 2021).

5 **Kamperidis V.C.**, Karavasilis T.L., Vasdravellis G. (2015). "Design and modelling of a novel damage-free steel column base". *Eighth International Conference on Advances in Steel Structures (ICASS 2015)*, July 22-24, Lisbon, Portugal, Paper No. 118, http://wrap.warwick.ac.uk/78241/

4 Vasdravellis G., Karavasilis T.L., Uy B., **Kamperidis V.C.** (2014). "Parameter calibration and application of fracture models to high-performance steel seismic dampers". *Eurosteel Conference*, September 10-12, Naples, Italy.

3 Tzimas A.S., **Kamperidis V.C.**, Karavasilis T.L. (2013). "Performance-based seismic design procedure for self-centering steel frames with fuse-post-tensioned bars and viscous dampers". *UK Society for Earthquake and Civil Engineering Dynamics (SECED)*, Young Engineers Conference, Newcastle, U.K., 3-4 July, http://wrap.warwick.ac.uk/78636/

2 Tzimas A.S., Dimopoulos A.I., **Kamperidis V.C.**, Karavasilis T.L. (2014). "Designing for seismic resilience: Self-centering steel frames with fuse-post-tensioned bars and viscous dampers". *Second International Conference on Vulnerability and Risk Analysis and Management (ICVRAM2014)*, 13-16 July, University of Liverpool, U.K., http://wrap.warwick.ac.uk/78637/

1 Dimopoulos A.I., **Kamperidis V.C.**, Karavasilis T.L. and Vasdravellis G. (2013). "Seismic evaluation of self-centering steel frames using post-tensioned connections with web energy dissipation devices". *UK Society for Earthquake and Civil Engineering Dynamics (SECED)*, Young Engineers Conference, Newcastle, U.K., 3-4 July, http://wrap.warwick.ac.uk/78638/

Teaching and Supervision

I have a **7.5-year teaching experience** with small and large size classes (10 to 220 students), teaching a wide range of Civil and Structural Engineering topics in multicultural and diverse audiences, and utilising a plethora of modern methods/approaches in my academic practise, in the following roles:

Aug. 2023-now	**Lecturer in Civil/Structural Engineering**. Department of Civil & Environmental Engineering, School of Sustainability, Civil & Env. Engineering, Faculty of Engineering & Physical Sciences, University of Surrey (UoS), United Kingdom.
Aug. 2020-July. 2023	**Lecturer in Civil/Structural Engineering**. Department of Civil Engineering and Industrial Design (CEID), School of Engineering, Faculty of Science and Engineering, University of Liverpool, UK (UoL).
Aug. 2018-Mar. 2020	**Lecturer in Civil/Structural Engineering**. *Civil Engineering programme*, University of Abertay Dundee, UK.
2013-15	**Teaching and Laboratory Assistant**. School of Engineering, The University of Warwick, Coventry, UK.
2008-09	**Assistant Lecturer**. Department of Civil Engineering, Faculty of Applied Technology, The International Hellenic University (IHU) - Serres Campus, Greece (1-year fixed-term academic appointment).

My ***teaching leadership*** *skills* are evidenced by the fact I have lead several core senior-year Structural and Civil engineering modules, as their sole module leader/coordinator. This is due to my professional experience and acknowledged high performance in past, relevant, duties.

I am always keen to teach modules outside my immediate expertise.

Drawing on my expertise and experience, I am keen to design, develop and introduce new programmes in the curriculum, such as the following *Innovative Master Course*: "MSc in Advanced Hybrid Structural Systems Analysis and Design for Multi-hazard Resilience". This can generate income for the school/department.

Details on my teaching can be found in my Teaching Statement, when attached, or upon request.

Supervision, Advisory, Tutoring, Mentoring and Pastoral Care

To date, I have the following *supervision, tutoring, mentoring and pastoral care experience*:

1. At the **University of Liverpool**:
   a. I co-supervised a PhD project in collaboration with Dr. Theofanis Krevaikas, from Xi'an Jiaotong-Liverpool University (XJTLU), China, entitled "Strengthening of Masonry Structures with Pre-tensioned Fibre-reinforced Polymers".
   b. I have supervised five MSc students with their dissertations, and six undergraduate students with their UG individual projects (BEng and MEng), so far.
   c. I have been a member in viva panels of five PhD students in the University of Liverpool, UK.
   d. I have provided mentoring support for: five PhD students who served as my teaching assistants (TA); and 30 undergraduate students who were/are my academic advisees, and to whom I provide mentoring and pastoral care on a regular weekly basis.
2. At **Abertay University**:
   a. I have supervised two 4-year students with their BEng placements; and
   b. Two 4-year students with their MEng dissertations.
3. At the **University of Warwick**, UK:
   a. I have co-supervised two undergraduate students with their theses.
4. At the **University of Surrey**, UK:
   a. I am supervising two MSc students (Bridge Engineering – *Network Arch Bridges*; and *Self-centering systems* (experiments relevant to Publ. 11)).
   b. Co-supervising one PhD (in Mass timber) in collaboration with Dr. Themelina Paraskeva, in Perth, Australia.

In my posts, I meet my students as needed to provide pastoral support. This helps with assignments and courses, enhances their learning experience, and strengthens their professional skills (continuing professional development (CPD)). It also helps with their placements (work-based learning) and finding jobs. I also helped my students with experiential learning activities, e.g., "Constructonarium".

Teaching Accreditation/Qualification

I am a Fellow of the Advance HE of the UK (formerly the Higher Education Academy, UK) (FHEA - UKPSF Descriptor 2) since 9 March 2020 (PGCert HE/Postgraduate Certificate in Higher Education (PGCHE)); Fellowship ref. No.: PR182032. Certificate credits: 60 CAT Points / 30 ECTS.

Professional Experience and Activity

My **13-year professional experience** as a Chartered Engineer (CEng since 2005) in the field of *Civil & Structural Engineering*, and my 17-year un-interrupted engagement with the broader Civil Eng., field, involves the following roles (with approx. 21000 m^2 personal structural design contribution):

11/2019-now	**Consultant Structural Engineer**. Consultancy services in collaboration with Civil Engineering companies and professional engineers in Greece.

8/2017-8/2018 **Consultant Structural Engineer** in *Savvaidis Ch. Civil Engineering Firm*, Serres, Greece. Consultancy services and supervision of residential and industrial earthquake-resistant buildings.

2007-12 **Technical Office Owner-Consultant Structural Engineer.** Consultancy services and supervision of numerous structural and civil engineering projects, both in the private and public sector, throughout all construction phases, i.e., from negotiating with clients, planning and preliminary design, to tender and construction phases.

2009-11 **General Manager** of *Municipal Enterprise of Water Supply, Sanitation and Cleanliness of the City of Orfanos*, prefecture of Kavala, Macedonia, Greece. Fully responsible for the technical and financial administration of the municipal enterprise. Company workforce: 60 employees.

2005-07 **Structural Engineer** in *Vasakos Stavros Ltd. – Civil Engineering Company*, Serres, Greece. Fully responsible for the structural analysis, design and supervision of all building projects, throughout all construction phases. I was also involved in the supervision of a number of infrastructure projects.

2003-04 **Structural Engineer**. Intern in *Farmakis Georgios Ltd. – Construction company*. Involved in the supervision of four seismic-resistant reinforced concrete buildings.

Professional Affiliations and Certificates

2005-now Licence of Chartered Civil Engineer (CEng) in Greece; Member of the Technical Chamber of Greece (TEE), Greece; Membership Number: 103312/24-3-2005.

2005-now Member of the Greek Society of Civil Engineers (ΣΜΠΕ), Greece, Membership Number: 225237/24-3-2005.

2007-now Civil Engineering Consultancy Certificate - Certified Consultant Civil Engineer; Holder of the No. 20725 Certificate in Categories 8 (Statics) and 13 (Hydraulics); Ministry of Infrastructure and Transportation of Greece, Greece.

2016-now Member of the Society of Civil Engineers of Serres, Central Macedonia, Greece

January 2020-now External Examiner at the University of East London, UK and Athens Metropolitan College (AMC), Greece.

Entrepreneurship, external collaborations and industrial partnerships

My Industry and Professional network includes numerous Civil Engineering Professionals and Construction Companies in Greece, and also UK professionals, such as Dr. Angelos Tzimas (Structural Engineer), Atkins, UK, Dr. Dimitrios Pachoumis (Principal Structural Engineer), Curtins, UK, Dimitrios Ioannidis (Civil Engineer in Solar and Batteries Storage), MYTILINEOS S.A., UK.

Apart from my continuing consultancy activity since 2005, I am discussing with a group of construction companies in Greece for creating a spin-off company that will invest in innovative building solutions. The solutions to be offered will combine the most recent advances in structural design (e.g., hybrid steel-timber structural systems), with local Green materials for the non-structural elements (e.g., bio-based plywood, hemp-based materials, etc.). This aims at providing optimally sustainable and affordable buildings for the people, and thereby contributing towards the *Sustainable Development Goal 11* (*SDG11*) of the *United Nations 2030 Agenda for Sustainable Development*,

and goals of the *Green Deal of Europe* and *Net-zero 2050 Initiative*. This will support and promote my research, and create University income.

Awards and Funding

2021 Research Grant on the following proposal "Strengthening of masonry walls subjected to horizontal loads with the use of pre-stressed Textile Reinforced Mortars (TRMs)". Funding granted: 100000 USD. Country: China. Collaboration with Dr. Krevaikas and Dr Xia, XJTLU, China.

2015 Travel Award, Eighth International Conference on Advances in Steel Structures (ICASS 2015), July 22-24, Lisbon, Portugal.

2015 Concept development and design of a European Research Council (ERC) grant proposal for "All-FRP Earthquake-Resilient Structural Systems for Buildings in Europe", in collaboration with Associate Professor Theodore L. Karavasilis (University of Patras, Greece). The application was unsuccessful.

2014 Engineering and Physical Science Research Council of the United Kingdom (EPSRC); Funding Award Ref.: 1500450.

2013 Ph.D. scholarship from the School of Engineering, at the University of Warwick, UK.

2012 Fourth place in the State Scholarships Foundation (IKY) of Greece: National level ranking.

Presentations, Talks' and Events' Attendance

18/2/2021 **Seminar Presentation in "Earthquake-resilient Structures", Keynote Speaker**, School of Engineering, Athens Metropolitan College (AMC), Greece and University of East London, UK, Athens, Greece **(invited presentation)**.

22/4/2016 **Symposium Attendance**, 4th Annual Symposium, School of Engineering, University of Warwick, UK.

23/7/2015 **Conference Presentation**, *Eighth International Conference on Advances in Steel Structures* (*ICASS 2015*), Lisbon, Portugal, July 22-24, 2015 (**invited talk**).

9/3/2015 **Symposium Presentation**, *3rd Annual Postgraduate Symposium*, School of Engineering, University of Warwick (**invited talk**).

8/10/2014 **Seminar Presentation**, School of Engineering, University of Warwick (**invited talk**).

10/3/2014 **Poster Presentation**: *2nd Annual Postgraduate Symposium*, School of Engineering, University of Warwick (**invited presentation**).

Reviewer for Scientific Journals

(1) Journal of Structural Engineering; (2) Engineering Structures; (3) Bulletin of Earthquake Engineering; (4) Soil Dynamics and Earthquake Engineering; (5) Steel and Composite Structures.

Skills

Technical-Research Skills

Finite Element Structural Analysis (FEA) Software	:	Abaqus (Standard and Explicit) (Dassault Systèmes); OpenSees; SAP2000; ETABS; SOFiSTiK; DRAIN 2DX; FESPA; Robot (Autodesk) (limited experience).
Architectural Design Software	:	Revit (Autodesk); AutoCAD (Autodesk); SOLIDWORKS (limited experience) (Dassault Systèmes); CADWARE.
Programming Languages	:	MATLAB; Python; Tcl.
Data Analysis Software	:	Pandas (software for data manipulation and analysis)
E-learning technologies and other Electronic (online) teaching and learning enhancement software	:	Canvas; MyLearningSpace; Blackboard; Moodle; VITAL; Leganto Reading Lists system; TurningPoint; Turnitin; PebblePad; OASIS; Media Suite.
Online communication platforms for teaching & learning	:	Zoom; Microsoft Teams (MS teams); Skype
Other software	:	Mendeley (reference management software).

Managerial, Leadership, Interpersonal, Marketing/Promotion and Team Working Skills

1. Managing and supervising numerous construction projects, I became highly competent in *team working* and also efficient in *delivering projects timely and under strict deadlines*. My research helped me to excel managing my own work, and effectively achieving goals/targets.
2. Serving as a general manager in a municipality engineering company, I excelled my *executive, leadership, managerial, communication and decision-making skills*, by administering a total of approximately 60 workers and staff on a daily basis.
3. Conducting research in interdisciplinary environments and serving as an external examiner for the University of East London, UK and Athens Metropolitan College, Greece, I have excelled my *skills in collaborating with other scholars and academics of different expertise and backgrounds*.
4. In my role as external examiner, I became familiar with processes that relate to *francized programmes* across Universities. This activity also broadened my *professional network.*
5. Teaching and conducting research in different countries and universities enabled me to work effectively, both independently and collaboratively, in *multicultural* and *diverse environments*.
6. Regarding *research collaborations*, I have efficiently collaborated with a number of academics and scholars, writing and contributing to research grant proposals. In parallel, I expanded my professional network. Yet, I retain my *independent research skills* by leading my own research.
7. I have delivered *lectures, seminars, talks and presentations to large audiences* at academic conferences, workshops, and postgraduate and undergraduate students.
8. In all my posts, I collaborated with my school's fellow academics and other University's staff in the *development and design of curriculum activities; professional bodies' accreditation procedures* (e.g., Joint Board of Moderators (JBM) of the UK accreditation process); in the *development of my University's strategic plan*; in *assessment and examination boards*, etc. These promote collegiality and productivity, and strengthened my academic profile.
9. In Abertay University, I was my division's *Outreach Liaison* from September 2019 until March 2020. I actively contributed in my school's *promotion and marketing* events, e.g., University

Open Days; Applicants' Days; Employer's Marketplace Workshop 2019 at Braeview Academy, Dundee, UK (advertising our programmes to Secondary school students); the Fife College visit on 13/12/2019; the Bridge for Big Dream Event (making pupils interested in University education); and in student placement events (e.g., industrial partners visits and workshops) to facilitate employment. I also participated in Away Days to promote my school's reputation.

10. I have actively engaged and contributed to events that liaise between students and *Professional, Statutory and Regulatory bodies (PSRB)* (e.g., with IStructE, or ICE), such as the IStructE Student Model Competition 2019 (13 March 2019, Abertay University, UK). I have actively participated and contributed in regular meetings with Industrial Liaison Panels (IPLs) to keep our programmes/modules informed with the relevant professional developments. These strengthened my professional profile, my colleagues' (CPD) and students', and promote student employability.
11. I have organised *site visits* and *field trips* for my students to promote their employability, facilitate engagement with the curriculum, and offer options to discuss with professionals. This helped them to develop a better understanding of our profession, and decide which specialty they may follow in the future. A site visit example is that of the Falkirk Wheel in Scotland in 2019, where I organised and coordinated the visit of a group of Chinese University visiting students. Activities as such promote inter-university collaborations and generate income.
12. Having a significant industrial experience in Civil Engineering, I speak the "same language" with professionals, and can thereby efficiently teach in apprenticeship programmes.

I am always keen to support my department/school through additional service activity if necessary.

Languages

English: Fluent; **Greek**: Native.

Academic webpage

https://www.surrey.ac.uk/people/vasileios-c-kamperidis

ORCID identifier

0000-0003-4893-7110

References

Professor Theodore L. Karavasilis (Relationship: Ph.D. advisor and Research collaborator); Professor in Structural Engineering; Department of Civil Engineering, School of Engineering, University of Patras, 265 00 Patras, Greece; E-mail: karavasilis@upatras.gr; Tel.: +30 261 0 997725.

Dr. George Vasdravellis (Relationship: Ph.D. co-advisor and Research collaborator); Associate Professor in Structural Engineering; Heriot-Watt University, School of Energy, Geoscience, Infrastructure and Society, Institute for Infrastructure & Environment (EGIS), William-Arrol Building, Edinburgh, EH14 4AS, UK; E-mail: g.vasdravellis@hw.ac.uk; Tel.: +44 (0) 131 451 3465.

Professor Abigail Bristow (Relationship: Current Line Manager); Interim Head of School of Sustainability, Civil and Environmental Engineering; University of Surrey, Faculty of Engineering & Physical Sciences, School of Sustainability, Civil & Env. Engineering, Department of Civil & Environmental Engineering, Thomas Telford Building, Office 23AA03, Guildford, Surrey, GU2 7XH, United Kingdom; Email: a.l.bristow@surrey.ac.uk; Tel.: +44 (0)1483 682995.

More references can be provided upon request.