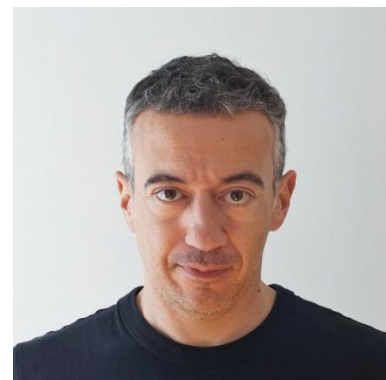




**Europass  
Curriculum Vitae  
February 2023**



**Personal information**

First name / Surname **Konstantinos Gkoumas**  
Address 29 Megalou Alexandrou str.  
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Personal web site: [www.gkoumas.eu](http://www.gkoumas.eu)  
Nationality Greek  
Date of birth 20.06.1974  
Gender Male

**Desired employment/  
Occupational field**

Research/Academia/R&I/Administration and Policy

**Education**

Dates 2004-2008  
Title of qualification awarded **PhD in Transport and Infrastructures**  
Principal subjects/occupational skills covered Thesis Title: "*Real time control of public transit*". Conception and implementation of a public transit line simulation model for the investigation of real time control strategies. Advisor: Prof. Giuseppe Bellei  
Name and type of organisation providing education and training Sapienza University of Rome, Italy  
Level in national or international classification *Dottorato di ricerca in Infrastrutture e Trasporti*  
Dates 1995-2003  
Title of qualification awarded **Laurea in Civil Engineering** (5-year degree, equivalent with MEng + MSc)  
Principal subjects/occupational skills covered Thesis Title: "*Tecniche e tecnologie di monitoraggio per sistemi strutturali complessi, con particolare riferimento al caso di ponti*" (in Italian). Theoretical conception of a modern structural monitoring system for a long span bridge, accounting also for the serviceability performance of the structural system by means of finite element modelling analysis. Advisor: Prof.-Ing. Franco Bontempi  
Name and type of organisation providing education and training Sapienza University of Rome, Rome, Italy  
Level in national or international classification *Laurea di Dottore in Ingegneria Civile* (vecchio ordinamento ante D.M. 509/1999)

## Principal work experience

Dates	February 2023 onwards
Occupation or position held	Administrative Adviser – knowledge Management
Main activities and responsibilities	Working within the Communication and Policy Feedback sector, focusing on data management and analysis in horizontal topics in the Agency's portfolio
Name and address of employer	The European Research Executive Agency (REA), Covent Garden, 1049 Brussel, Belgium <a href="https://rea.ec.europa.eu/index_en">https://rea.ec.europa.eu/index_en</a>
Type of business or sector	Research implementation
Dates	April 2017 – January 2023
Occupation or position held	Programme Officer
Main activities and responsibilities	Development of the European Transport Research and Innovation Monitoring System (TRIMIS). Involvement in transport related exploratory research.
Name and address of employer	The European Commission's Joint Research Centre (JRC), Via Enrico Fermi 2749, I - 21027 Ispra (VA), Italy <a href="https://ec.europa.eu/jrc/en">https://ec.europa.eu/jrc/en</a> Sustainable, Smart and Safe Mobility Unit
Type of business or sector	Research for policy support/Exploratory research
Dates	November 2012 – March 2017
Occupation or position held	Business Partner
Main activities and responsibilities	Research and development activity, managing from March 2014 to May 2016 the ESA funded project <i>piezoTsensor</i> ( <a href="http://www.piezotsensor.eu">www.piezotsensor.eu</a> )
Name and address of employer	StroNGER S.r.l - Via Giacomo Peroni 442-444, Tecnopolo Tiburtino, 00131 Roma (ITALY)
Type of business or sector	Research and development/Entrepreneurship
Dates	November 2011 – October 2014
Occupation or position held	Post-Doctoral Associate Researcher ( <i>Assegnista di ricerca</i> )
Main activities and responsibilities	Research activity on energy harvesting and smart structures.
Name and address of employer	Sapienza University of Rome – Department of Structural and Geotechnical Engineering, Via Eudossiana 18, 00184, Rome, Italy
Type of business or sector	Academia
Dates	November 2009 – March 2010
Occupation or position held	Postdoctoral Fellow, German Academic Exchange Service (DAAD)
Main activities and responsibilities	Implementation of the LinTim package ( <a href="https://www.lintim.net">https://www.lintim.net</a> ) for evaluating delay management strategies in public transport, focusing a dataset adapted from the Athens Metro Network.
Name and address of employer	Institut für Numerische und Angewandte Mathematik, Universität Göttingen, Lotzestr. 16-18 D - 37083 Göttingen, Germany
Type of business or sector	Academia

## Personal skills and competences

Mother tongue

Other languages

Self-assessment

European level (\*)

**English**

**Italian**

**German**

**Greek**

### Understanding

Listening

C2

Proficient user

C2

Proficient user

C2

Proficient user

B1

Independent user

Reading

C2

Proficient user

C2

Proficient user

B1

Independent user

### Speaking

Spoken interaction

C2

Proficient user

C2

Proficient user

B1

Independent user

Spoken production

C2

Proficient user

C2

Proficient user

B1

Independent user

### Writing

C2

Proficient user

C2

Proficient user

B1

Independent user

(\*) Common European Framework of Reference for Languages

Social skills and competences	Worked in different research teams under the guidance of different people.
Teaching skills and competences	Teaching assistant for both undergraduate and graduate courses in structural design, transport engineering and fire safety engineering. Co-advisor of five Master Thesis. Member on several occasions of the examination committee for the <i>Laurea Magistrale Degree</i> in Civil and Transport Engineering at the Sapienza University of Rome.
Organisational skills and competences	Team member for the organisation of different conferences and workshops held in the Faculty of Engineering of the Sapienza University of Rome
Computer skills and competences	<ul style="list-style-type: none"> <li>- Advanced user and programmer of spreadsheet and database applications</li> <li>- Advanced programmer (Visual basic); familiar with Python and R</li> <li>- Advanced user of PM tools under PM<sup>2</sup> and PM<sup>2</sup> Agile (TEAMS, JRC Project Browser, CITnet Jira)</li> <li>- Advanced user of Text Mining tools (CORTEX, TIM analytics, PUBSY)</li> <li>- Advanced user of CORDIS and of the Horizon Dashboard platform</li> <li>- Advanced user of EC Financial and other tools (COMPASS, TAS2, SYSPER)</li> <li>- Advanced user of HTML and Bootstrap web application tools</li> <li>- Advanced user of Adobe Photoshop, Illustrator and InDesign</li> <li>- Advanced user of the iTOL phylogenetic tree management tool</li> <li>- Advanced user of specialised data visualisation tools (SankeyMATIC, CIRCOS)</li> <li>- Advanced user of Quantitative Risk Assessment Models (PIARC – OECD QRAM)</li> </ul>
Other skills and competences	<p>Certified for PM<sup>2</sup> : The Project Management methodology developed by the European Commission</p> <p>Qualified as a safety coordinator for temporary works for construction and construction plants in Italy (Art. 10 comma 2 D.Lgs. 494/96)</p>
Driving licence	Category A-B
Additional information	<p>PROFESSIONAL AFFILIATIONS</p> <ul style="list-style-type: none"> <li>- Engineering Chamber of Rome (Ordine degli Ingegneri della Provincia di Roma), CEng-Equivalent. Member since <b>07.2005</b> (ID A26184)</li> <li>- Technical Chamber of Greece (TEE), CEng-Equivalent. Member since <b>03.2005</b> (ID 101946)</li> </ul> <p>SCIENTIFIC MEMBERSHIPS</p> <ul style="list-style-type: none"> <li>- International Association for Bridge Maintenance and Safety (IABMAS)</li> <li>- International Association for Life-Cycle Civil Engineering (IALCCE)</li> <li>- Association of Civil Engineers of Greece</li> <li>- Hellenic Institute of Transport Engineers</li> <li>- Italian Society of Transport Lecturers (SIDT), junior member</li> </ul> <p>OTHER</p> <ul style="list-style-type: none"> <li>- Evaluator for the Italian section of the German Academic Exchange Service (Deutscher Akademischer Austausch Dienst - DAAD) since 02/2016</li> <li>- Currently in the EU recruitment list of EPSO/CAST/S/5/2013 Researcher (FG IV)</li> </ul> <p>PERSONAL INTERESTS</p> <p>My hobbies include capoeira, alpine skiing, Stand Up Paddling, scuba diving and photography</p>

## Scientific activity

- Publications and policy support outputs
- 52 scientific publications indexed in the Scopus database (***h-index* 14**) [Scopus Author ID: 23666891300](#)
  - More than 100 publications in the Google Scholar database (***h-index* 20**) [Google Scholar author](#)
  - Co-author of **39 JRC science for policy or technical reports** in the period 2018-2023
- Presentations
- More than **100 presentations** in international conferences, events and panel discussions
- Organizer and Chairman in International Conferences and Sessions (selected)
- **Organizer:** JRC Workshop on [Indirect structural health monitoring \(iSHM\) of transport infrastructure in the digital age](#), held on 6-7 June 2022 at the JRC Ispra (Italy). Chair: Dr. Maria Cristina Galassi.
  - **Organizer and Chairman:** 5th International Workshop on Design in Civil and Environmental Engineering (**DCEE 2016**) held on 6-8 October 2016 at the Sapienza University of Rome (ITALY). Chairs: Dr. Konstantinos Gkoumas, Prof. Franco Bontempi.
  - **Organizer and Chairman:** Special Session - *Progressive Collapse and Structural Robustness: An International Perspective*. Chairs: Dr. Konstantinos Gkoumas, Prof. Clay Naito, **ASCE/SEI Structures Congress**, Pittsburgh, Pennsylvania, May 2-4, 2013.
  - **Organizer and Chairman:** Special Session - *Energy harvesting in Bridges and Transportation Infrastructure Networks*, 6th International Conference on Bridge Maintenance, Safety and Management (**IABMAS 2012**), Stresa, Lake Maggiore, Italy, July 8-12, 2012.
  - **Organizer and Chairman:** Special Session - *Case studies in planning and operations*, **24th European Conference on Operational Research**, Lisbon, Portugal, July 11-14, 2010, on the stream "Public Transport" organised by Prof. Anita Schoebel and Prof. Leo Kroon.
- Chairman in International Conferences  
Conference organization
- Session Chairman in many International conferences
  - Member of the Organizing/Advisory Committee in many national and International conferences
- Teaching activity
- Temporary teaching activity for courses at BA and MS level at the Sapienza University of Rome (2005-2007; 2013-2016) and Politecnico di Milano (2017-2018).
- Thesis advising
- Co-advisor for five Master Theses at the Sapienza University of Rome (2011-2016).
- Awards & Funding
- December 2013: ESA BIC Lazio (European Space Agency Business Incubator Center Lazio). Winner of a 50.000€ grant for the **ESA space technology transfer** with StroNGER S.r.l.
  - September 2012: Filas - Financing, innovation and research in Lazio. Winner of the fund "FILAS - POR FESR LAZIO 2007/2013 - Support for the research spin-off" for 100.000€
  - September 2009: German Academic Exchange Service (Deutscher Akademischer Austausch Dienst - **DAAD**), 4-month scholarship for post-graduate research at the Institute of Applied Mathematics of the Georg-August-Universität Göttingen, Germany (Prof. Anita Schoebel)
  - May 2007: **WCTRS** (World Conference on Transport Research Society) fellowship for attending the 11th World Conference on Transport Research, University Berkeley, USA, June 24-28, 2007
- International journal referee
- Applied Sciences (MDPI); Computer-Aided Civil and Infrastructure Engineering (Wiley); Energies (MDPI); Engineering Structures (Elsevier); European Journal of Environmental and Civil Engineering (Taylor & Francis); Fracture and Structural Integrity (Italian Group of Fracture); Journal of Civil Engineering and Management (Taylor and Francis); Public Transport (Springer); Sensors and Actuators A: Physical (Elsevier); Sustainability (MDPI); Transactions on Engineering Management (IEEE); Transactions on Intelligent Transportation Systems (IEEE); Transportation research Part C (Elsevier); Transportmetrica A: Transport Science (Taylor and Francis); Wind and Structures (Techno Press)