

## PERSONAL INFORMATION



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Date of birth 20/06/1974 | Nationality Greek

## WORK EXPERIENCE

February 2023 – current job

### Administrative Adviser – Knowledge Management

European Research Executive Agency (REA), Brussels Italy

- Part of the Communication and Feedback to Policy (F2P) sector
- Leading and coordinating the F2P activities on knowledge sharing and communication, and, policy monitoring and evaluation from Horizon Europe Cluster 6 and Marie Skłodowska-Curie Actions
- Leading on data analysis in horizontal topics in the Agency's portfolio

April 2017 to January 2023

### Programme Officer

European Commission - DG JRC, Sustainable, Safe and Smart Mobility Unit - Ispra, Italy

- Principal developer of the Transport Research Innovation Monitoring and Information System (TRIMIS), leading and coordinating the mapping technological developments and foresight activities
- Leading the development and assessment of a taxonomy of new and emerging technologies in the transport sector from more than 3000 EU funded projects
- Leading and coordinating technical aspects, dissemination, and exploitation of results for the two-year exploratory research project on indirect Structural Health Monitoring (SHM) "MITICA": *Monitoring Transport Infrastructures with Connected and Automated Vehicles*
- Coordinating and supporting the Commission priorities related to transport research and innovation in the fields of transport infrastructure safety and resilience, and connected and automated mobility
- Contributing to Horizon Work Programme Cluster 3 and 5 and supporting R&I related strategies

September 2017  
to February 2018

### Adjunct Professor

Politecnico di Milano, Department of Civil and Environmental Engineering

- Part of the teaching team for the 60-hour course of "Bridge Theory and Design" for 2<sup>nd</sup> year MS students, coordinating and reviewing final project designs for five teams and 35 students

November 2012 to March 2017

### Academic spin-off founder and project coordinator

StroNGER srl (research spin-off from the Sapienza University of Rome)

- Manager and lead scientific investigator for the European Space Agency (ESA) funded project *piezoTsensor* ([www.piezotsensor.eu](http://www.piezotsensor.eu)), which developed an autonomous temperature sensor from TRL 3 to TRL 6 with applications in Energy Harvesting and Smart Buildings

November 2011 to October 2014

### Post-Doctoral Associate Researcher (*Assegnista di ricerca*)

Sapienza University of Rome, Department of Structural and Geotechnical Engineering

- Principal investigator of research activities in the fields of Bridge Safety and Reliability, Urban Resilience, Energy Harvesting for Smart Buildings, Offshore Wind Turbine structural design
- Teaching undergraduate, graduate and PhD courses and advising five MS Theses
- Leading and coordinating international research cooperation with the US (University of Illinois Urbana-Champaign, Lehigh University), China (Harbin Institute of Technology) and Europe
- Leading the publication and dissemination of scientific outputs

## EDUCATION AND TRAINING

November 2004 to April 2008

### PhD in Infrastructures and Transport

Sapienza University of Rome

November 1996 to  
December 2003

### Laurea: 5-year degree (equivalent with MEng + MSc) in Civil Engineering

Sapienza University of Rome

## PERSONAL SKILLS

Mother tongue(s)

Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Italian	C2	C2	C2	C2	C2
German	B2	B2	B1	B1	B1
French	A1	A1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

## Communication skills

- Extensive experience in presenting technical outputs to expert (academic conferences and business developers) and non-expert stakeholders (policymakers, stakeholders from different areas)
- At the JRC, leading dissemination, exploitation, and stakeholder engagement for the TRIMIS portal, developing a monthly newsletter and managing the LinkedIn page with more than 1800 followers

## Project Management

- Experience on managing and executing R&I projects at the Sapienza University of Rome and StroNGER srl, including liaising with suppliers and contractors for experimental activities.
- Experience on managing activities and work packages at the JRC, including managing contractors under framework contracts, and liaising with academic experts. PM<sup>2</sup> and PM<sup>2</sup> Agile certified.
- Demonstrated capacity of meeting project requirements under strict deadlines (several outputs for DG MOVE, DG RTD and DG GROW in the period 2018-2023)

## Policy support

- Appointed in EC interservice working groups contributing actively on topics of my expertise (Hyperloop regulatory framework, Drone Strategy 2.0, Freight Rail, Bridge safety and monitoring)
- Liaising with policy DGs and Member states, providing technical guidance and advice (example: contributing to the EU's Strategic Transport Research and Innovation Agenda update on Transport Infrastructure, feedback for gap analysis for German and EU funded R&I in transport)

## Behavioural skills

- My studies and research in engineering helped me achieve exceptional problem-solving skills, prioritising tasks, and balancing effort with outputs, implementing also out of the box solutions
- I was part of, and I led research and policy support teams in international environments
- I am creative by nature, and I have acquired many new skills beyond my formal studies (e.g. data analysis and visualisation, knowledge management and development, communication, negotiation)

## Computer skills

- Proficiency with Microsoft Office Suite - Word, Excel, PowerPoint, Outlook and TEAMS
- Proficiency with PM tools under PM<sup>2</sup> and PM<sup>2</sup> Agile (TEAMS, JRC Project Browser, CITnet, Jira)
- Proficiency with EC corporate databases and text mining tools; developer of R&I dashboards
- Advanced user of programming languages for simulation and data analysis (Visual Basic, Matlab, R)

## ADDITIONAL INFORMATION

## Publications

- **58 scientific publications** indexed in the Scopus database with 1300 citations (h-index 19). Author ID: [23666891300](https://orcid.org/0000-0001-9130-1300). Most contributed topics are on Earthquake engineering, Foresight and Innovation Policy, Damage identification, Piezoelectric Energy Harvesting, Big Data and Internet of Things.
- **28 DG JRC Science for Policy reports** (six as lead author), five JRC science for policy briefs (three as lead author) and 10 JRC technical reports (two as lead author).
- Selected reports and papers:
  - Future emerging technologies in the wind power sector: A European perspective ([link](#))
  - Research and innovation in bridge maintenance, inspection and monitoring ([link](#))
  - Indirect structural health monitoring (iSHM) of transport infrastructure in the digital age ([link](#))
  - Genetic Algorithms for the Dependability Assurance in the Design of a Long-Span Suspension Bridge ([link](#))
  - European transport infrastructure as a solar photovoltaic energy hub ([link](#))
  - Fragility analysis for the Performance-Based Design of cladding wall panels subjected to blast loads ([link](#))
  - Last mile delivery by drones: an estimation of viable market potential and access to citizens across European cities ([link](#))
  - Transit vehicles' headway distribution and service irregularity ([link](#))
  - Digital technologies can enhance climate resilience of critical infrastructure ([link](#))

## Conference organisation and participation

- More than 120 presentations in international conferences, events, and panel discussions
- Organizer: 5th Int. Workshop on Design in Civil and Environmental Engineering (DCEE2016)
- Session Organiser and Chairman in more than 10 International conferences

## Other

- Member of the Engineering Chamber of Rome and of the Technical Chamber of Greece
- Reviewer for academic journals from leading publishers (Elsevier, Springer, Taylor & Francis etc.)
- Scholar of the German Academic Exchange Service (DAAD); evaluator since 02/2016