

**Curriculum Vitae**  
**REGINA FINOCCHIARO**

**PROFESSIONAL EXPERIENCE**

*Civil and Structural Engineer, PhD Researcher in Engineering Sciences*

**Regina Finocchiaro** is a civil and structural engineer and researcher whose work bridges academic investigation and professional practice in the conservation and management of existing infrastructure. Her doctoral research within the Engineering Sciences programme, curriculum “Engineering for Sustainable and Resilient Infrastructures” at the University “G. d’Annunzio” of Chieti-Pescara, develops methods for the diagnosis, control and recovery of historic built assets, with particular attention to resilience and risk-informed decision-making.

Her university activity includes teaching support in masonry structures and research on digital forensic engineering and the Italian bridge safety framework, particularly the interpretation of condition data and their use in engineering decisions.

Since 2018, her professional practice has covered structural and geotechnical design and verification, seismic strengthening, post-earthquake reconstruction, hydraulic works, technical documentation and construction coordination. Her experience also includes infrastructure inspections, the definition of monitoring strategies, forensic consultancy, seismic microzonation and the rehabilitation of masonry and reinforced-concrete buildings.

**RESEARCH AND EDUCATION**

Regina Finocchiaro research follows an interdisciplinary perspective linking engineering judgement with perception, multi-hazard analysis and communication. Her recent work addresses Gestalt-based interpretation, Situation Awareness, seismic improvement of cultural heritage, integrated seismic-hydraulic-hydrogeological risk and digital methods in forensic engineering.

After completing classical studies, Regina Finocchiaro undertook her entire academic path at the University “Gabriele d’Annunzio” of Chieti-Pescara. She began with university studies in Business Economics and Administration, which provided a foundation in law, economics, statistics, management, planning and control, before transitioning to Construction Engineering. She then completed Bachelor’s and Master’s degrees in Construction Engineering; her Master’s programme included experimental research in seismic engineering and liquefaction carried out at NORSAR in Norway. Her further training has focused on robustness, post-earthquake damage assessment, infrastructure evaluation and forensic investigation methodologies.

Her technical competence includes numerical modelling of structures, geotechnical and hydraulic analysis, digital design and computational engineering workflows, supported by experience in multidisciplinary coordination and scientific communication.

Her selected distinctions include First Prize at the Visionaria – Honda Italy Hackathon (2022) and the ANCE Study Award (2021), awarded in recognition of her experimental Master’s thesis research conducted abroad.