



Civil-Engineer and PhD Student in Information Technologies for Engineering at the University of Sannio, with a strong focus on smart structural health monitoring. Highly motivated, with a solid foundation in structural engineering and a keen interest in applying cutting-edge digital tools to modern engineering challenges.

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📞 +39 3392752001
🌐 Italy

SKILLS

- AutoCAD
- Civil 3D
- QGIS
- MIDASGen
- Epa swmm
- Epant
- HEC-ras
- Midas FEA NX

LANGUAGES

- English | Intermediate
- Italian | Native

CIVIL ENGINEER

VERA RILLO



EXPERIENCE

● Dec 2023
Present

PHD STUDENT

University of Sannio. Benevento, Italy

PhD student in Information Technologies for Engineering, University of Sannio. Research topic: "Smart Structural Health Monitoring of Structures and Infrastructures through Innovative Sensors and BIM Technology."

● Nov 2023
Present

ENROLLED IN THE REGISTER OF ENGINEERS

Benevento, Italy

● May 2023
Present

JUNIOR PROFESSIONAL IN RTP

Foiano di Valfortore, Benevento, Italy

Construction Supervision, Health and Safety Coordination during Execution Phase: Urban regeneration works in the San Pietro district

● Apr 2023
Present

JUNIOR PROFESSIONAL IN RTP

Sant'Angelo d'Alife, Benevento, Italy

Technical Services for Detailed and Construction Design, Health and Safety Coordination during Design Phase, Construction Supervision, Accounting, and Health and Safety Coordination during Execution Phase. Construction of a canteen serving the primary school located in Via Roma.

● Oct 2023
Present

JUNIOR PROFESSIONAL IN RTP

Archdiocese of Benevento

Professional Services for Technical-Economic Feasibility Design, Construction Design, Health and Safety Coordination during Design Phase, Construction Supervision, and Health and Safety Coordination during Execution Phase. Seismic safety interventions on the bell tower of the Church of Santa Maria di Constantinopoli in Foglianise (BN).

● Apr 2023
Present

SUPPORT SERVICES FOR THE CONTRACTING AUTHORITY (RUP)

Pesco Sannita, Benevento, Italy

Technical Engineering and Architectural Support Services for the Contracting Authority (RUP) during the Design and Implementation Phases of the Intervention. Works for safety improvements,

rehabilitation, and hydrogeological stabilization downstream of the town center in the locality of Cupa di Guida.

EDUCATION

- Sep 2021
Sep 2023
MASTER'S DEGREE IN CIVIL AND ENVIRONMENTAL ENGINEERING
University of Sannio. Benevento, Italy
Grade: 110 cum laude
- 2018
Jul 2021
DEGREE IN CIVIL AND ENVIRONMENTAL ENGINEERING
University of Sannio. Benevento, Italy
Grade: 110 cum laude
- 2018
HIGH SCHOOL CERTIFICATE
Scientific High School "Alberti" - Applied Science option.

PUBLICATIONS

Rillo V., De Angelis A., Maddaloni G.

"A framework to define an effective structural health monitoring (SHM) system using the data from OMA test."

10th International Operational Modal Analysis Conference, 2124 May, Naples, Italy.

Rillo V., De Angelis A., Maddaloni G.

"Effective structural health monitoring (SHM) system for bridges: a case study."

SMAR 2024 7th International Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures.

De Angelis A., Tartaglia R., Rillo V., Berroa Cordero L., Maddaloni G.

"The role of in situ dynamic tests on model updating of existing R.C. infilled structures."

SMAR 2024 7th International Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures.

De Angelis A., Tartaglia R., Rillo V., Maddaloni G.

"Multi-setup ambient vibration test and modal updating of a historical masonry complex."

5th International Conference PROHITECH Protection of Historical Constructions.

De Angelis A., Rillo V., Maddaloni G.

"A procedure to identify the type of masonry infill walls in framed structures based on fast ambient vibration tests."

COMPDYN 2025 10th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering.

De Angelis A., Rillo V., Maddaloni G.

"A procedure to identify the type of masonry infill walls in framed structures based on fast ambient vibration tests."

COMPdyn 2025 10th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering.

De Angelis A., Rillo V., Pengue S., Maddaloni G.

"Dynamic identification of masonry partition walls by ambient vibration data."

COMPdyn 2025 10th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering.

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