CURRICULUM VITAE

Eng. MARCO BRUNO

University of Bologna

Department of Civil, Chemical, Environmental and Materials Engineering

Viale del Risorgimento, 2

Bologna – ITALY

Tel. +39 3495321594

e-mail: marco.bruno14@unibo.it

Website:
https://www.unibo.it/sitoweb/marco.bruno14

1. GENERAL INFO

Born in Benevento (BN) on 24/01/1993 and living in Bologna (BO).

2. EDUCATION

2023 - Present	University of Bologna, Italy PhD candidate, Civil Engineering at Department of Civil, Chemical, Environmental and Materials Engineering (DICAM)
2021	University of Bologna, Italy Postgraduate master's degree in Sustainable and Integrated Mobility in Urban Regions Research Focus: Analysis of the characteristic of hot mix asphalt mixtures produced with 100% RAP
2020	University of Bologna, Italy Master's degree in civil engineering – Road Infrastructure and Transportation

	Thesis topic: Analysis of Mobility in the urban area of Bologna in the post-lockdown period
2017	University of Bologna, Italy Bachelor 'degree in Civil Engineering Thesis topic: Analysis of the skid resistance characteristics of bituminous pavements using a skid tester

3. PREVIOUS WORK EXPERIENCE

2021 – 02, 2023	University of Bologna Research fellow Research focus: Characterization of mixture made with recycled materials produced with chemical additives and/or hydraulic binders
04, 2022 – 08, 2022	Cooperativa Edile Appennino (CEA) – Calderara di Reno (BO) Technical consultant of the aggregates recovery plant
2017 - 2019	Studio C.A.D. - Castelluccio Inferiore (PZ) Occasional collaborator as junior engineer

4. SCIENTIFIC PUBLICATIONS

4.1. International Journals

J1) Gong Z., **Bruno M.**, Pazzini M., Forte A., Girelli V.A., Vignali V., Lantieri C. (2024). Low-cost and contactless survey technique for rapid pavement texture assessment using mobile phone imagery. Sustainability, vol. 16, 9630

J2) **Bruno M.***, Tataranni P., Sangiorgi C. (2023). Experimental application of fully recycled asphalt concretes produced with chemical additives for patch pavement rehabilitation. Construction and building materials, vol. 363, 129807,

5. GROUP MEMBERSHIP

2024 - Present	Member of the Italian Association for Traffic and Transportation Engineering (A.I.I.T.)

2022 - Present Member of the Italian Transportation Infrastructure Society (S.I.I.V.)

6. RESEARCH INTEREST

- Road pavement deterioration and structural damage
- Road safety in post-accident cases
- Skid resistance and texture assessment methods
- Pavement maintenance and rehabilitation techniques
- Recycle materials in road pavements

7. TEACHING ACTIVITIES

- Co-advisor of Bachelor/Master'degree thesis

  Co-advisor of master's and bachelor's degree thesis both theoretical and experimental as well as on practical designs; subjects of thesis are related to transportation infrastructures, with particular regard to:

  - Recycling of waste materials for road pavements;
  - Road safety;
  - Maintenance of road infrastructure;
  - Friction and surface texture of asphalt concrete.

- Academic Tutor

  2023 - 2024 Design Project Course for Master's Degree in Civil Engineering at University of Bologna

8. LANGUAGES

- Italian: Native
- English: C1 level (IELTS Certificate 2019)

9. OTHER TITLES

04, 2023 - Present Member of the Professional Order of Engineers of Bologna, Section A.- Sector A

2021 – 03, 2023 Member of the Professional Order of Engineers of Potenza, Section A.- Sector A