

CIVIL AND ENVIRONMENTAL ENGINEERING

MUR DM 117/Masera - Damage evaluation of supporting bearings behavior in bridges and viaducts

Funded By	MINISTERO DELL'UNIVERSITA' E DELLA RICERCA [P.iva/CF:97429780584] MASERA ENGINEERING GROUP S.R.L. [P.iva/CF:10502970014] Politecnico di TORINO [P.iva/CF:00518460019]
Supervisor	MARANO GIUSEPPE CARLO - giuseppe.marano@polito.it
Contact	MARANO GIUSEPPE CARLO - giuseppe.marano@polito.it
Context of the research activity	Evaluation of residual efficiency of supporting bearings in existing bridges and viaducts. Progetto finanziato nell'ambito del PNRR - DM 117/2023 - CUP E14D23001990004
Objectives	The main aim is to investigate the effectiveness of bearing devices on the static and dynamic response of bridges and viaducts with an emphasis on correlation with evaluated damaged bearings because of aging and environmental condition. Furthermore, an evaluation of the effectiveness of the bridge's seismic and static performance must be evaluated for different efficiency levels considering the real conditions of existing bearings.
Skills and competencies for the development of the activity	Bridge engineering; scientific programming