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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Themes: -- Dynamic interaction of vehicle and transportation infrastracture (pavement, railway and airfield) -- Wave propagation and traffic induced structure and ground vibrations -- Soil-structure dynamic interaction problem in transportation -- Analysis and testing on environmental vibration -- Vehicle, machine and human induced vibrations -- Monitoring, evaluation and control of traffic induced vibrations -- Cyclic deformation of soils and transportation foundation settlement -- Structural safety and serviceability of railway, metro, roadway and bridges -- Application of geosynthetics in transportation infrastructure.
Sommario/riassunto	This volume presents papers from the 8th International Symposium on Environmental Vibration and Transportation Geodynamics (ISEV2018). It covers the latest advances in the areas of environmental vibrations, and its impact on dynamic vehicular loading, transportation infrastructures and the built environment. This volume will be of interest to policy-makers and researchers in academia, industry and government.