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Scarified Bituminous Pavement Materials -- Applicability of cohesion test in the estimation of effective RAP binder -- A Compressive Strength Model for Silica Fume Pervious Concrete: A Sustainable Material -- Utilization of Domestic and Automobile Waste Materials in the Application of Bituminous Concrete Mixes -- Laboratory Studies on Cement Stabilized Weathered Steel Slag for use in Pavement Base Course.

Sommario/riassunto

The book presents select proceedings of the 9th Conference on Transportation Systems Engineering and Management (CTSEM 2023). It broadly covers areas of transportation engineering, namely traffic engineering and safety, transportation planning and pavement engineering. In particular, the book delves into the current research in specific areas including but not limited to intelligent transportation systems and applications, public transport planning and management, urban and regional transportation planning, freight transport and logistics, traffic flow modeling and management, highway design and maintenance, pavement materials and characterization, accident investigations and crash preventive measures, pedestrian facilities and safety, pavement design and construction, pavement evaluation and management, and sustainable transportation. It also sheds light on topics like Artificial Intelligence (AI), big data and the Internet of Things (IoT), and their application in transportation systems. This book will be a valuable resource for researchers and professionals in transportation engineering and civil engineering. .
