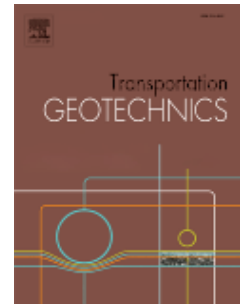




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ISSN: 2214-3912

DESCRIPTION

Transportation Geotechnics aims to publish high quality, theoretical and applied papers on all aspects of geotechnics for roads, highways, railways and underground railways, airfields and waterways.

Topics to be covered will include: geotechnical properties of geomaterials (soils, rocks, soil and rock mixtures, and recycled and alternative materials) for rational and sustainable design and construction, behavior of compacted geomaterials, behavior of stabilized geomaterials (mixtures of soils with - cement, lime, fly ash, polymers and other kind of geomaterials), geosynthetics and reinforcement of constructed layers and interlayers, ground improvement and slope stability for transportation infrastructures, compaction technology, compaction management, maintenance technology, climatic effects such as freezing and thawing, embankments for highways and high-speed trains, transition zones, dredging, underwater geotechnics for infrastructure purposes, modeling of multi-layered structures and supporting ground under dynamic and repeated loads. A strong topic to be covered will be also case studies that describe original work applicable to sustainable transportation infrastructure construction.

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