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SUB-ISSUE: Monitoring performance

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Room:

MR. YOUNGMIN KIM

Organisation:

Korea Institute of Construction Technology

Country:



South Korea

e-mail:

ymkim1007@kict.re.kr

Presentation title:

DEVELOPMENT OF THE SEAMLESS LOW COST & HIGH EFFICIENT ROAD SURFACE INFORMATION MONITORING SYSTEM USING THE IMAGE PROCESSING

Other Authors

Baik, Namchul, Korea Institute of Construction Technology, South Korea, nc100@kict.re.kr

Summary:

Many road authorities operate the road weather observation system, so-called "Road Weather Information System" (RWIS), for collecting weather conditions of the road. The major purpose of RWIS is supporting road maintenance works, with real-time road weather conditions. For example, in the winter season road authorities can make a judgement about snow removal work, according to the RWIS data. Also, RWIS data can transfer to the driver directly, to inform the road surface condition and calculate safety speed (=recommended speed) with Various Speed Limit (VSL) system.



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