Big Data Construction of Infrastructural Quantitative Information by "Real-Time Spatial Analysis"

## MIZUTANI LAB.

## [Big Data Construction of Infrastructural Quantitative Information]



As409

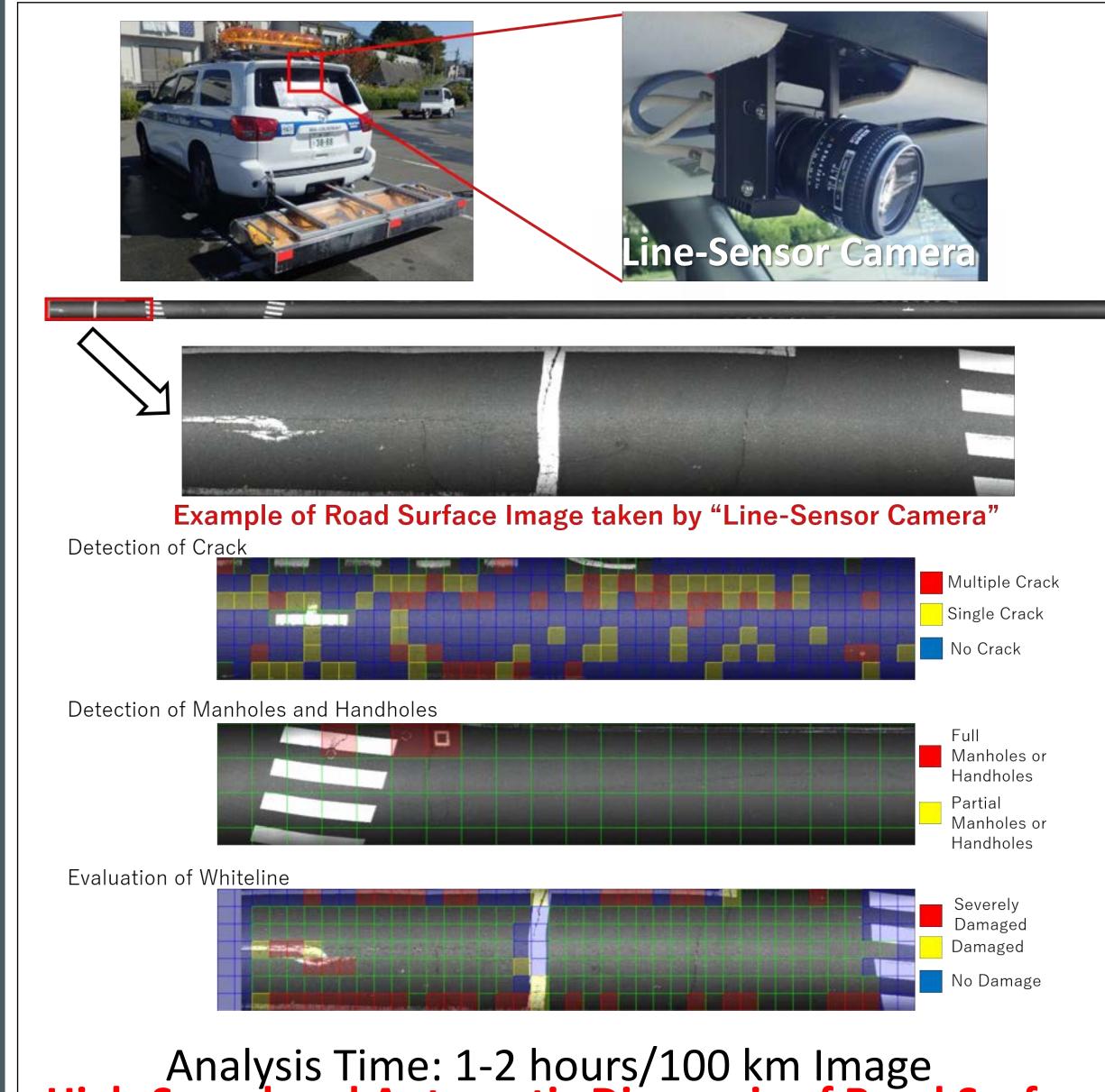
Department of Human and Social Systems

Real-Time Spatial Analysis

Department of Civil Engineering

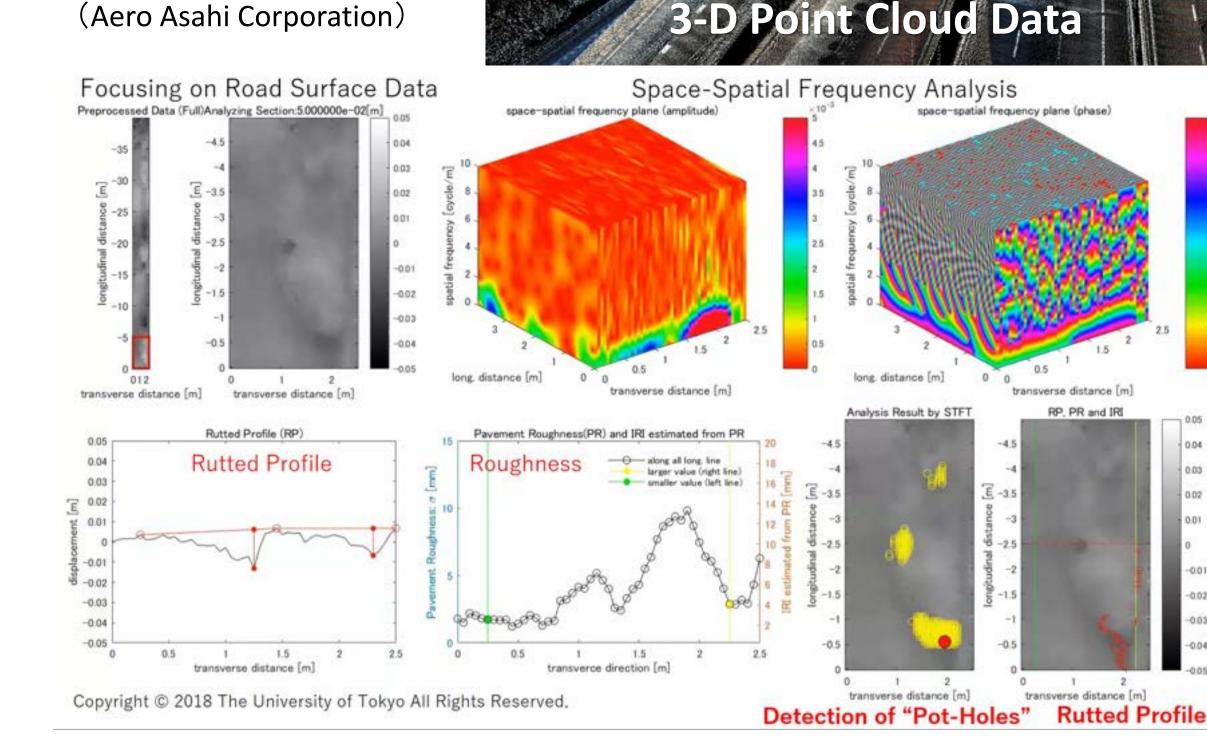
https://www.iis.u-tokyo.ac.jp/en/research/staff/mizutani-tsukasa/

Our Laboratory is Constructing Big Data of Infrastructural Quantitative Information by Digital Signal Processing and Artificial Intelligence Analysis of the Data of State-of-the-Art Laser, Radar and Image Devices.





Mobile Mapping System (MMS) (Aero Asahi Corporation)



Analysis Time: 10-20 min./100 km Data High-Speed and Automatic Diagnosis of Road Surface Condition by Digital Signal Processing of 3-D Point Cloud Data measured by Mobile Mapping System(MMS)

High-Speed and Automatic Diagnosis of Road Surface Condition by Artificial Intelligence Analysis of "Line-Sensor Camera"

