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Dr. Hoshikuma is the Research Coordinator for Road Structure, National Institute for Land and Infrastructure Management (NILIM), Ministry of Land, Infrastructure and Transport, Japan. He is currently responsible for strategy of utilization of advanced techniques to the periodical inspection for bridge, tunnel and soil structure. He was the head of Kumamoto Recovery Division from 2017 to 2019 and the head of Bridge Division in 2016 in NILIM, and he involved the revision of bridge design codes and the field projects of bridge repair damaged by the 2016 Kumamoto Earthquake. Before joining NILIM, he worked with the Public Works Research Institute where he researched on the seismic design and retrofit of bridges, the ductility estimation of the flexural reinforced concrete columns, the seismic performance of the rubber bearing and the tsunami effect on the bridge performance based on damage experiences due to past earthquake