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# **Understanding the pavement texture evolution of RIOH Track using multi-scale and spatiotemporal analysis**

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### Background

**Pavement texture: the contributor to surface functions** 

- Multiscale characteristics: Micro-, Macro, Mega-, Evenness
- Effect aspects: Safety /Environment /Economy /...



## **Research Methodology**

### **RIOH track information**

- $\succ$  4 types of friction courses (4cm thick)
- Inner lane (loading and climate); outer lane (only climate)
- $\succ$  The ESAL is about 142,000 times each cycle (half a month).



