

**ISSUE: 05. OPERATIONAL APPROACHES, EQUIPMENT AND PRODUCTS FOR WINTER CONDITIONS**

**SUB-ISSUE:** Friction

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**Room:** D

**MR. TOMONORI OHIRO**

**Organisation:**

Nexco-Engineering Hokkaido Co. Ltd.

**Country:**

 Japan

**e-mail:**

t.ohiro.sa@e-nexco.co.jp

**Presentation title:**

EFFICIENT WINTER ROAD MANAGEMENT USING A CONTACT AREA INFORMATION SENSING (CAIS)-BASED ROAD SURFACE CONDITION JUDGMENT SYSTEM

**Other Authors**

Hamamot Hiroshi, Nexco-Engineering Hokkaido Co. Ltd., Japan, h.hamamoto.sa@e-nexco.co.jp

**Summary:**

The average winter air temperature in Sapporo, Japan, where our company maintains expressways, is -2.5 degrees Centigrade and the average annual snowfall is 630 cm. To maintain safe and easy driving conditions, snow and ice control, including snow removal and salting, is indispensable. Expressways, where tolls are charged, are required to have a particularly high service level.

