

# VAISALA

## Accuracy on the road

A road weather data maturity model for continuous improvement



Winter maintenance organizations need the most accurate road weather information possible to make effective decisions about material amounts in the right locations — anything less wastes time and material and can risk safe driving conditions.

This road weather data maturity model provides guidance on how any size agency can use the power of real-time observations enhanced with continuously-improved road weather modeling to direct their efforts where and when it matters most.

Sophistication



### Support for decision-making

Optional API integration into your own decision support system or fullscale decision support through Wx Horizon.

### Connected devices & mobile sensing

A connected network of IoT sensing, reference-grade weather stations and can be combined with mobile data.

### Road weather station point data

For comprehensive atmospheric and road state information at individual locations.

### Road network weather forecast

Data service based on combined modeling and general forecast information with or without sensor observation.

### Modeling current state of road network

Data service integrating atmospheric data into your own treatment network without sensor observation.

### General weather forecast (TV, radio, apps)

Provides limited usefulness — the more localized to your network, the better.

## Vaisala is here to help

From sensors to systems and digital services, Vaisala gives road stakeholders unrivaled road network visibility and decision support — so everyone can keep moving toward better, more insightful ways of operating. We are recognized experts in transportation, and we continue to channel our curiosity into new ways of making roadways safer and more efficient than ever — as reflected in our guiding principles:



Move ahead



Mobility and  
beyond



The innovators



See, understand,  
decide

Learn more about the industry's most dependable road weather technology.

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