

# Nordic Roads and Snow Challenges

## Final conference in the SNAPS project



Ísafjörður, February 12<sup>th</sup> from 9:00 to 16:30 at Hotel Ísafjörður  
No admission fee. Registration at [harpa@vedur.is](mailto:harpa@vedur.is) before Thursday, February 6<sup>th</sup>

### 9:00 Introduction to SNAPS

Harpa Grímsdóttir, project coordinator

### 9:20 Snow maps based on satellite data and numerical weather prediction models

Hróbjartur Þorsteinsson, Icelandic Meteorological Office

### 9:50 Wet snow maps. Applications for avalanche monitoring.

Eirik Malnes, Northern Research Institute – Norut, Tromsø

### 10:10 Coffee break

### 10:30 Weather models and SNAPS

Laura Rontu, Finnish Meteorological Institute

### 10:50 The Crocus snowmodel, comparison to observations

Magni Hreinn Jónsson, Icelandic Meteorological Office and  
Krister Kristensen, Norwegian Geotechnical Institute

### 11:10 A snow drift model and forecasts for Iceland

Skúli Þórðarson, Vegsýn

### 11:30 FMI's road weather model and snow drift forecasts

Marjo Hippa, Finnish Meteorological Institute

### 12:00 Lunch break

### 13:00 Avalanche problems on roads in Iceland

Gísli Eiríksson, The Icelandic Road and Coastal Administration

### 13:20 Avalanche danger on roads: The effect on the society around Ísafjörður

Hlynur Snorrason, chief constable in Ísafjörður and Ómar Már Jónsson, mayor in Súðavík

### 13:50 The SM4 snowsensor, tested in the SNAPS project

Örn Ingólfsson, POLS Engineering and Hedda Breien, Norwegian Geotechnical Institute

### 14:20 The Ritsem road in Sweden, detecting wet avalanche and slush flow problems

Amin Zenali, Luleå Technological University

### 14:40 Avalanche problems and forecasting for roads in Norway

Hedda Breien, Norwegian Geotechnical Institute

### 15:00 Coffee break

### 15:20 Connecting weather and avalanches on the road between Ísafjörður and Súðavík in a statistical model — Magni Hreinn Jónsson, Icelandic Meteorological Institute

### 15:40 Forecasting system for roads in Iceland

Harpa Grímsdóttir, Icelandic Meteorological Institute

### 15:55 Dissemination of information to road users

Geir Sigurðsson, The Icelandic Road and Coastal Administration  
and Krister Kristensen, Norwegian Geotechnical Institute

### 16:20 Summary and end of conference

