

THÈME: 04. GESTION DU SERVICE HIVERNAL

SOUS-THÈME: Suivi de la performance

Séance: 04/02/2014 (17:15 - 18:45 h)

Affiche: 05/02/2014 (09:30 - 12:30 h)

Salle: B

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Titre de la présentation:

MESURES DU RENDEMENT ET DES OUTILS POUR LES OPÉRATIONS D'ENTRETIEN HIVERNAL

Resumé (anglais):

The continued maturation of Maintenance Decision Support System (MDSS) technologies within the United States have enabled new approaches for near real-time evaluation of both the effectiveness and efficiency of winter maintenance operations. In general, MDSS utilize sophisticated road condition modeling techniques to integrate location-specific weather and road condition observations and forecasts, together with winter maintenance policies, practices and reported activities, to both track and predict how roads will respond to ongoing and pending / prescribed weather and maintenance activities. However, research being carried out in a fifteen-state Transportation Pooled Fund study has recently demonstrated that the underlying data tracking and simulation systems also hold substantial potential for supporting high-level evaluation of winter maintenance operations.

