



Vehicle Infrastructure Integration (VII): Weather Applications Workshop II

Boulder, Colorado
June 21, 2006

In June 2006, the National Center for Atmospheric Research (NCAR), with support from the Federal Highway Administration (FHWA), will host the second of two weather-related VII workshops. This one day expert panel meeting is designed to bring together weather, VII, and automotive experts in an effort to discuss and gather input regarding the potential for utilizing vehicle data elements in the diagnosis and prediction of weather and road condition hazards. This meeting will leverage the success of the first workshop to meet the following objectives.

- ❑ **Develop** an understanding of the current and future vehicle data elements that have the potential to be used directly or indirectly to sense weather and road conditions.
- ❑ **Explore** the potential contribution of VII derived atmospheric and road condition information in the analysis and prediction of weather-related hazards.
- ❑ **Identify** technical issues and barriers that may impact the development and implementation of weather-related VII applications.
- ❑ **Outline** research topics that need to be addressed to fully utilize vehicle data elements in improving road weather products and services.
- ❑ **Summarize** the viability of utilizing VII-enabled data in weather and road condition applications designed to improve surface transportation safety, mobility, and efficiency.

NCAR
Research Applications
Laboratory (RAL)

P.O. Box 3000
Boulder, CO 80307-3000

<http://www.ral.ucar.edu>

Date: June 21st

Time: 0830 – 1700 MDT

Location: NCAR Center Green Campus
(Bldg. 1), 3080 Center Green Drive.
Room 3150

Directions to Boulder from Denver
International Airport (DIA):

<http://www.ucar.edu/org/e470.shtml>

Directions to Center Green Campus:

<http://www.ucar.edu/org/bouldermap.shtml>

Area Hotels:

<http://www.boulderlodging.com/map.asp>

Please RSVP by June 1st to:

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Information and data garnered during this workshop will be used by NCAR to develop a feasibility and concept development report for VII, as it relates to the analysis of weather and road conditions. This report is scheduled to be completed by late summer 2006.