



Conservation Applications of LiDAR

June 4, 2009 - Legion Suite, Mayo Civic Center - Rochester, MN

AGENDA

Time	Topic	Speaker
9:00	The Need for High Resolution Digital Elevation Data for Precision Conservation in Minnesota	David Mulla, UMN
9:30	What is LiDAR? Status in Minnesota	Tim Loesch, DNR-MN
10:00	Identifying Critical Portions of the Landscape for Water Quality Protection Using Terrain Analysis	Adam Birr, MDA
10:30	Recognition of Legislative Leadership	
10:40	Break	
11:00	Riverbank Erosion Assessment Using LiDAR	Satish Gupta, UMN
11:20	Ravine Erosion Assessment Using LiDAR	David Mulla, UMN
11:40	Conservation Planning Tools Powered by LiDAR	Tom Buman, Agren Inc.
12:10	Lunch	
1:00	LiDAR & CADD: Designing Ponds, waterways, and more	Norman Friedrich, USDA-NRCS
1:20	Planning County Ditch Projects utilizing LiDAR: improving efficiency & saving money	Chuck Brandel, IS Group
1:40	Soil Survey Applications of LiDAR Data	Joe Brennan, USDA-NRCS
2:00	The Challenges of Developing Conservation Planning Tools Using LiDAR Topographic Data	Mark Tomer, USDA-ARS
2:20	Break	
2:40	Importance of Quality Control in Using LiDAR, and Applications within Watershed Districts	Brian Fischer, Houston Engineering Inc.
3:00	Roundtable discussion and audience questions	
4:00	Adjourn	

More information at: <http://tsp.umn.edu/lidar/>

Organized by The University of Minnesota's Water Resources Center.
Funded by Clean Water Legacy Act - Minnesota Department of Agriculture (MDA),
and the Minnesota Board of Water and Soil Resources (BWSR)