Rapid Exploitation of Commercial Remotely Sensed Imagery for Disaster Response & Recovery

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Program Manager: Caesar Singh

COOPERATIVE AGREEMENT
No. RITARS-12-H-UVM

Advisory Committee Meeting
June 12th, 2015
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Glossary

3D  Three Dimensional
AASHTO  American Association of State Highway Transportation Officials
CAD  Computer-Aided Design
CNL  Cognition Network Language
COA  Certificate of Authorization
CRS  Commercial Remote Sensing
DOT  Department of Transportation
FAA  Federal Aviation Administration
FEMA  Federal Emergency Management Agency
GIS  Geographic Information Systems
HDDS  Hazard Data Distribution System
ICS  Incident Command System
LiDAR  Light Detection and Ranging
NAIP  National Agricultural Imagery Program
NIMS  National Incident Management System
NOAA  National Oceanic and Atmospheric Administration
OBIA  Object-Based Image Analysis
OGC  Open Geospatial Consortium
PI  Principal Investigator
PM  Program Manager
RiP  Research in Progress database
RITA  Research and Innovative Technology Administration
SAFETEA-LU  Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SAL  Spatial Analysis Lab
SI  Spatial Information
TAC  Technical Advisory Committee
TRC  Transportation Research Center
UAV  Unmanned Aerial Vehicles
USDOT  United States Department of Transportation
USGS  United States Geological Survey
UVM  University of Vermont
VAOT  Vermont Agency of Transportation (also known as Vtrans)
Vtrans  Vermont Agency of Transportation (also known as VAOT)
XML  eXtensible Markup Language
Meeting Details

Date: June 12th, 2015
Time: 2:00pm, EST

Attendance

Project Team:

- Caesar Singh, Program Manager (PM), US DOT
- Austin Troy, PhD
- Jarlath O'Neil-Dunne, Faculty Research Associate and Director of the UVM SAL
- Sean MacFaden, Research Specialist at UVM SAL
- Ernest Buford, Research Specialist at UVM SAL
- Zack Borst, UVM TRC Outreach Manager
- Jacob Leopold, UVM TRC Business Manager

Technical Advisory Committee:

- Guy Rouelle, Aviation Program Administrator, VTrans
- Stephanie Magnan, Asset Management Specialist, VTrans
- Wayne Gammell, Maintenance Administrator, VTrans
- Johnathan Croft, GIS Database Administrator, VTrans
- Michele Boomhower, CCRPC Assistant/MPO Director
- Christopher Jolly, Planning & Programming Engineer, FHWA - VT Division
- Roger Thompson, ITS/Safety Engineer, FHWA - VT Division
- Charles Hebson, Manager of Surface Water Resources, Maine DOT
- Amanda Hanaway, Director of Engineering, Burlington International Airport
Discussion Items

1. **Introductions.** All meeting attendees introduced themselves. See attendance list above.

2. **Fill Calculations/Calibration of the System.** JOD explained how the project team has connected with VTtrans to fly exit 10 of I-89 construction as further demonstration of the fill calculation system.

3. **Proposed future work.** The project team is reaching out to construction companies as much of VTtrans development is actually performed by companies on retainer, making those companies the likeliest user of the Fill Calculation System. The project team also discussed areas with high-topographic relief and data considerations in the future, examples of past flights with such considerations include Mount Philo and Moneybrook sites.