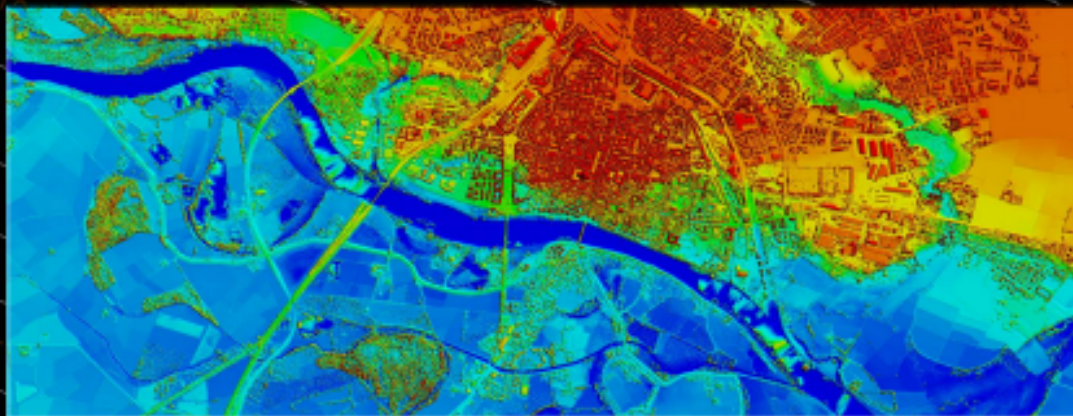


Remote Sensing Seminar - LiDAR, Digital Imagery & GIS



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January 10, 2007
Bridgeport, WV

REMOTE SENSING SEMINAR

LiDAR, Digital Imagery & GIS

JANUARY 10, 2007 | BRIDGEPORT, WEST VIRGINIA

ROBERT C. BYRD NATIONAL AEROSPACE EDUCATION CENTER,
FAIRMONT STATE UNIVERSITY, HANGER "B", BENEDUM AIRPORT

COST: \$35.00 (*For participants requesting professional development hours,
4 PDH's will be issued upon request*)

This seminar will present an overview of airborne remote sensing applications through the use of the latest, advanced LiDAR (Light Detection and Ranging) and integrated digital photography systems. A technical overview of the LiDAR equipment, mission planning and GPS ground control planning will be discussed. Aircraft flight operation and on-board data collection along with final processing will be covered. Additionally, GIS application regarding product usage by professional surveyors and engineers will be presented. Real world applications using LiDAR technology will be discussed by representatives of industry and Canaan Valley Institute. During the seminar, Canaan Valley Institute will have on display its aircraft and airborne remote sensing equipment.

For more information or to register, please call 800/922-3601 or visit:

http://www.canaanvi.org/canaanvi_web/events_ed.aspx

Register by January 2nd. — Limited space available

Sponsored by Canaan Valley Institute, West Virginia Society of Professional Surveyors, American Council of Engineering Companies of West Virginia (ACEC/WV), and Pierpont Community & Technical College of Fairmont State University



Canaan Valley Institute

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Front Photos: CVI's Piper Navajo (top left); Optech ALTM 3100 system (top right); LiDAR derived Digital Elevation Model (bottom left); Co-Registered LiDAR and Digital Imagery (bottom right)

Visit CVI on the Web at

www.canaanvi.org

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