



GEOSPATIAL INTELLIGENCE: MAXIMIZING THE RETURNS OF RPAS USE IN FORESTRY



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UNDERSTANDING YOUR NEEDS

What is your *PRIMARY* Area of Interest? What else?

- WHOSE (not necessarily WHAT) question are you trying to answer?
- Choosing the right tool for the job > Do your homework!
- Who are the primary vs secondary stakeholders in the area?
- Cost Sharing?

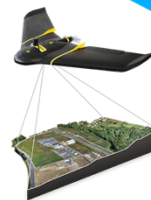
Failing to *PLAN* = Planning to *FAIL!*

- Ensure compliance with regulations ... You are liable as the client!
- What are your Accuracy & Resolution requirements?
- Is RPAS right for your organization? Its not for everyone ...
- Transition over time and with confidence

No Additional Cost - Only Additional Value

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NOW THAT YOU HAVE DATA ... WHAT NEXT?

BIG DATA

- High Resolution Imagery \ Video (RGB \ 4Band \ 4K)
- 3D Models (Colourized Point Clouds \ Textured Mesh)
- Numerical
- Numerical \ Categorical Data (Volume \ Slope \ Height etc.)

DATA SCIENCE

- Business Intelligence: Data Mining \ Trending
- Traditional Statistical Modeling: Predictive Analytics
- Machine Learning > Automation

*Re-Imagine both
the Deliverables &
the Delivery*



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INFORMED DECISION MAKING

- Accuracy & Resolution
- Error Tolerance - Operational vs. Computational
- Assumptions?
- Mechanism of Delivery
- Auditable Data



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THANK YOU!

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