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
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

NOW THAT YOU HAVE DATA ... WHAT NEXT?

INFORMED DECISION MAKING
- Accuracy & Resolution
- Error Tolerance - Operational vs. Computational
- Assumptions?
- Mechanism of Delivery
- Auditable Data
THANK YOU!

Nathan Cicoria
VP Technical Services
AERIUM Analytics
ncicoria@aeriumanalytics.com
www.aeriumanalytics.com
403.233.0900