Enabling Aviation Analysis

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Aviation analysis is inherently spatial
And relies on many different tools

- commercial
- open source
- proprietary
And approaches
infrastructure

And authoritative sources…

weather

Traffic

aircraft

infrastructure

And authoritative sources…
But what if these are not enough?
Problem!? What do I use?

There are often several sources for similar datasets. Each have distinct characteristics, benefits, utility, and information.
Authoritative sources abound but are often non-standardized, and have different origins, sensitivities, and “owners”
They also cover different operational needs and geographic and temporal scales.
It is important to evaluate what is necessary vs. what is available
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And to break the traditional GIS model when necessary…
To best support safety analysis and safety metrics!
Questions?