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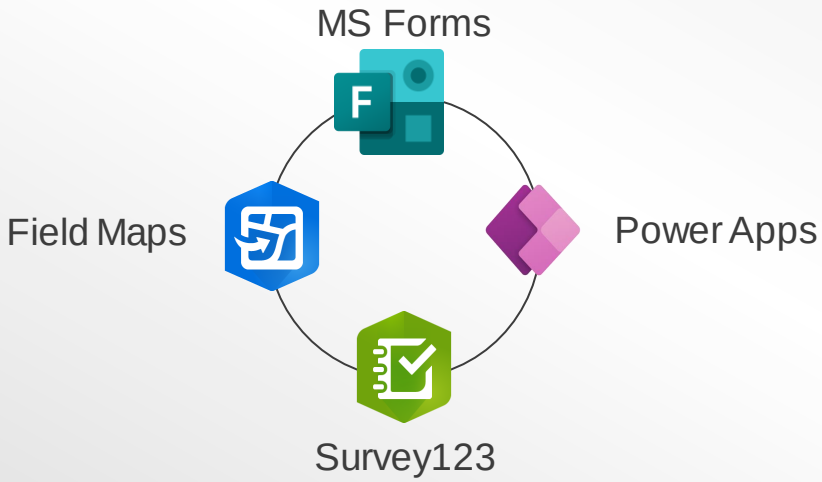
NAPSG Inspire 2023

November 17, 2023

Introductions

- Paul Dean – Associate Vice President
- Amanda Byrd – Data Analytics Team Lead, App Developer

Data Collection



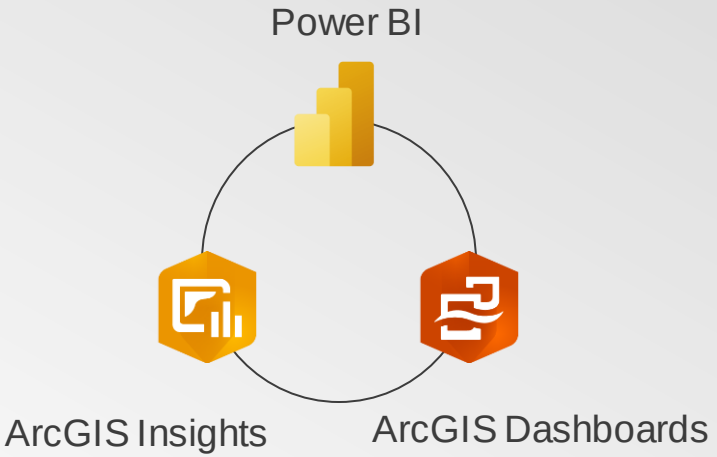
Storage, ETL, and Automation

Power Automate

GeoEvent Server

FME

Data Visualization Tools

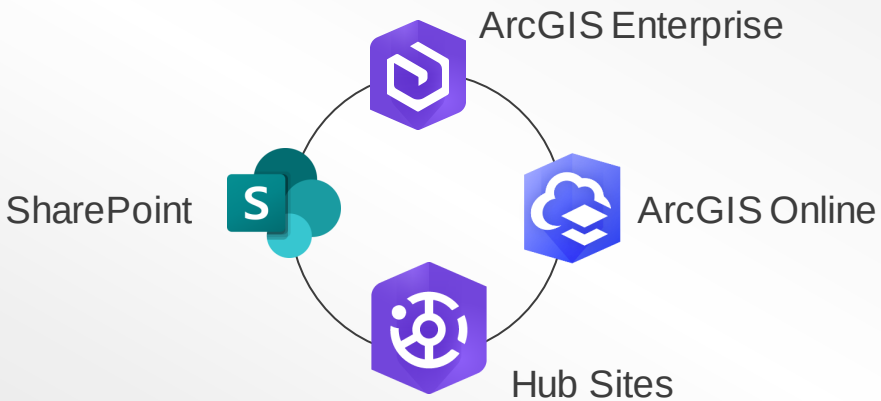


Solutions

Power Apps

Experience Builder

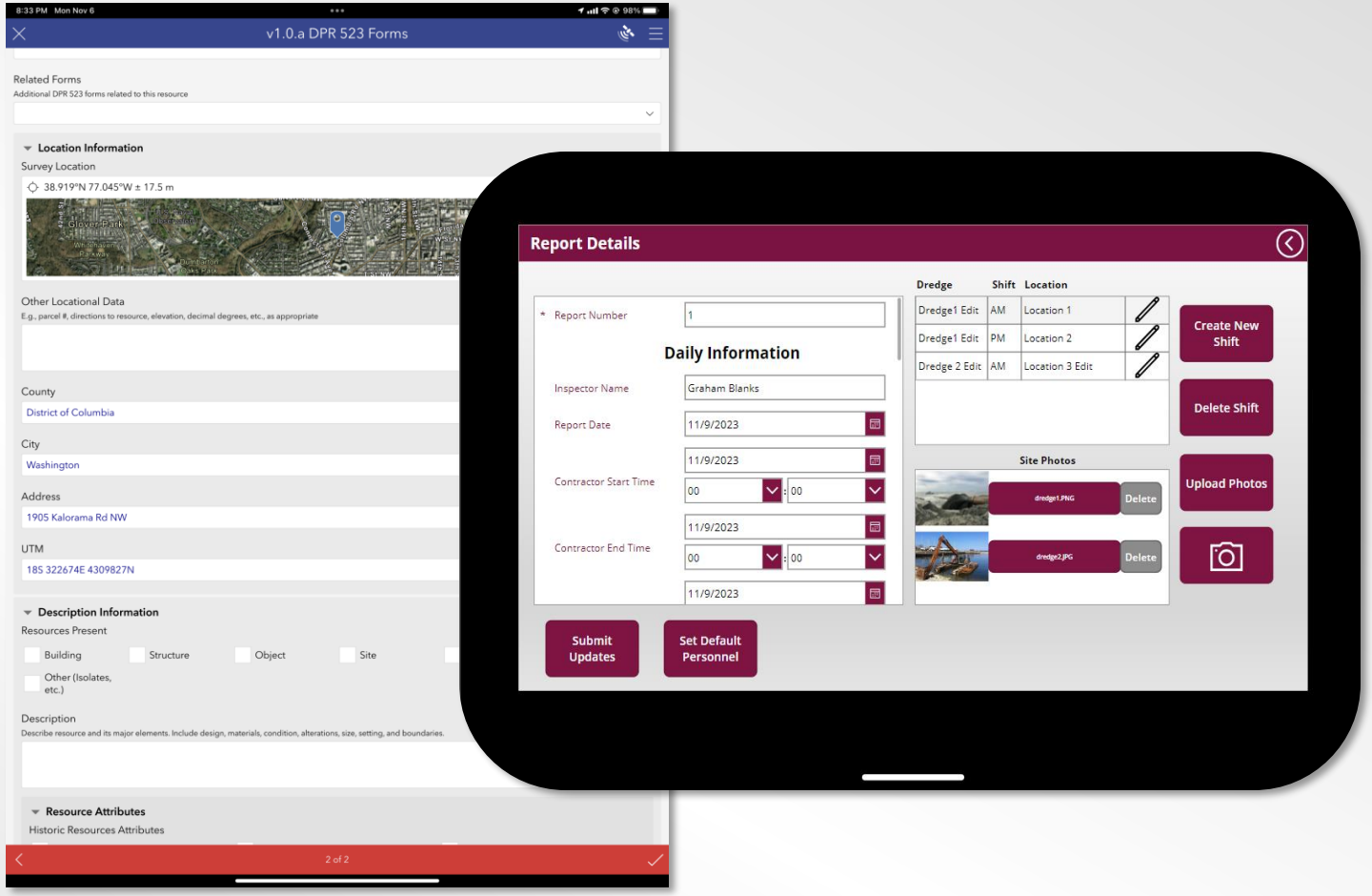
Collaboration Platforms



Data Collection	Data Transformation	Visualization and Analytics	Sharing
Field Maps	FME	Power BI and Experience Builder	Experience Builder
Survey123	Power Automate	Power Apps	SharePoint

Data Collection

- Mobile Collection
- Attachments
- Dynamic
- Offline Capabilities
- Referencing Existing Data



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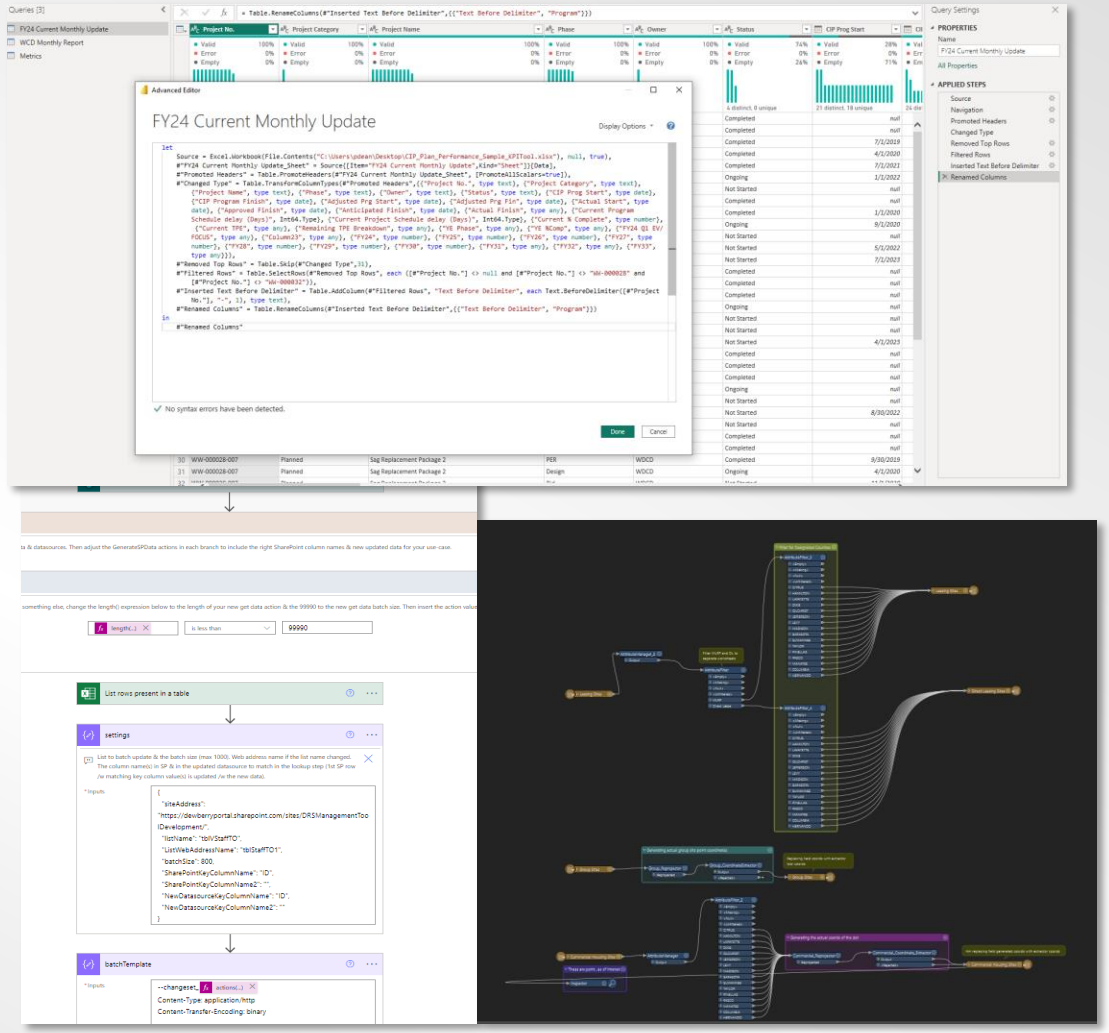
Storage, ETL, and Automation

- Data types and connectors
- Triggering functions
- Moving data from one place to another
- Cleaning and transformation
- Streaming vs scheduled



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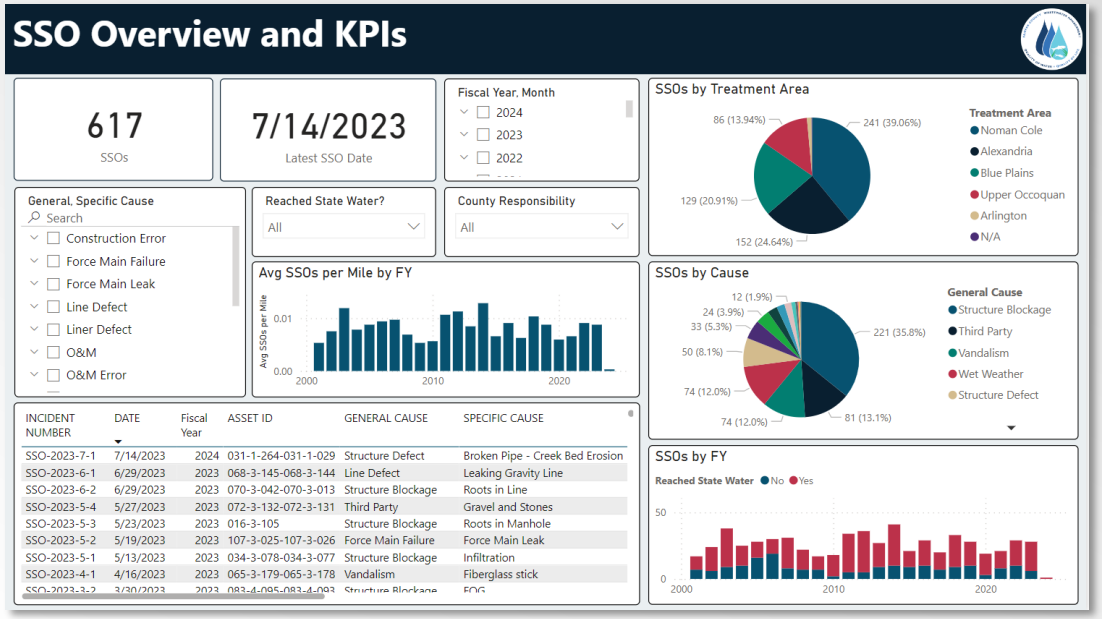
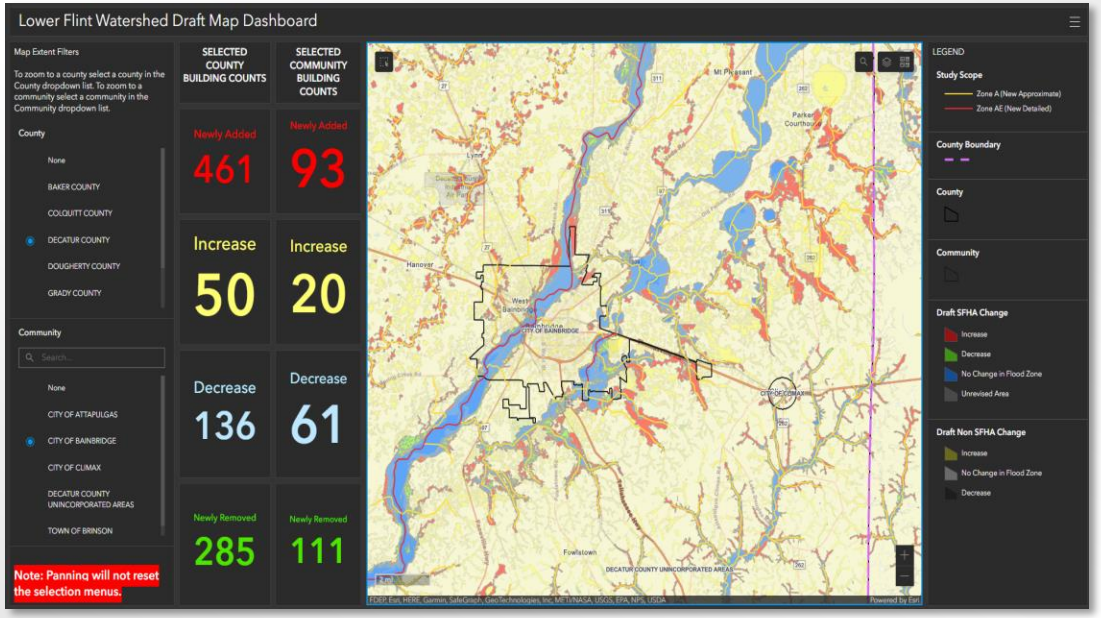
Data Visualization

- Maps
- Charts/graphs
- Inventory
- Exploratory vs Explanatory





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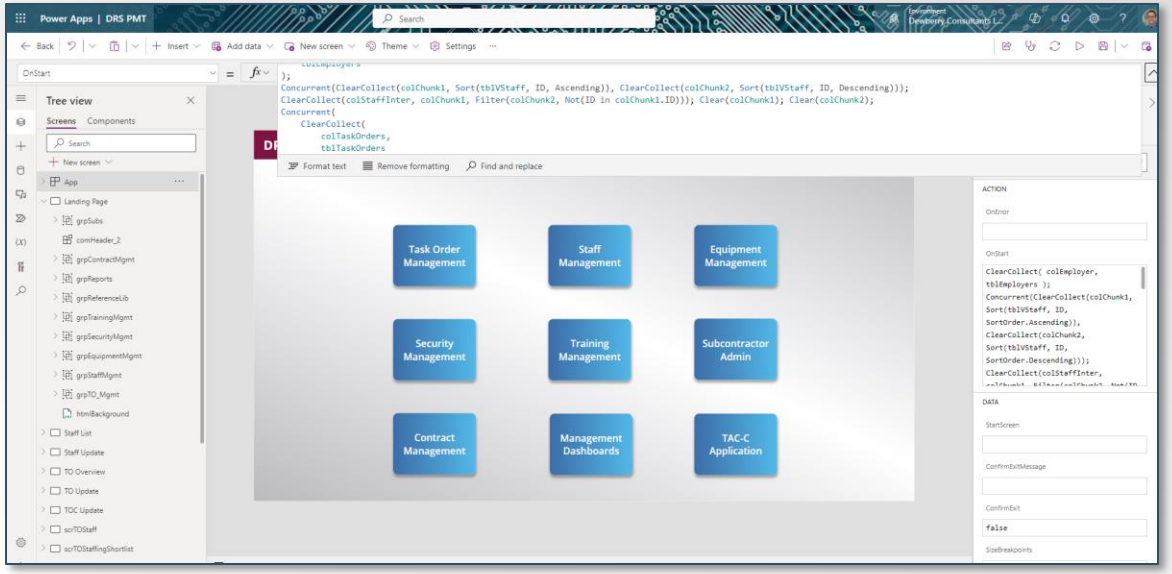
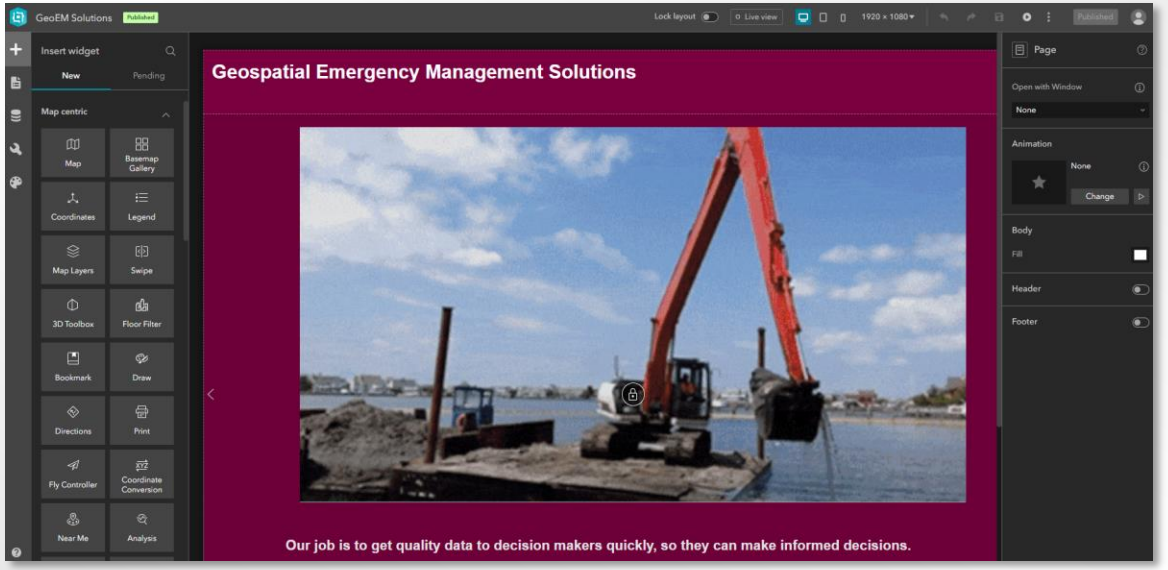
Solutions

- Integrate tools, elements
- Tailor to workflow
- Customize design





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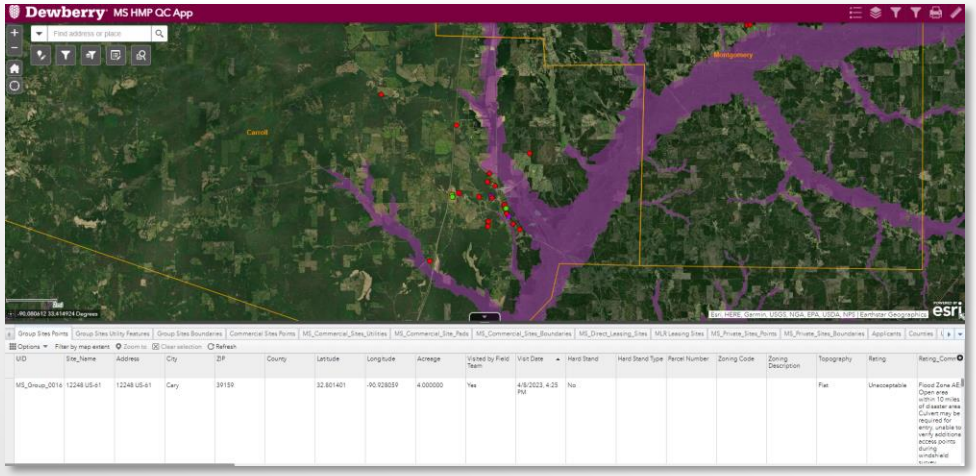
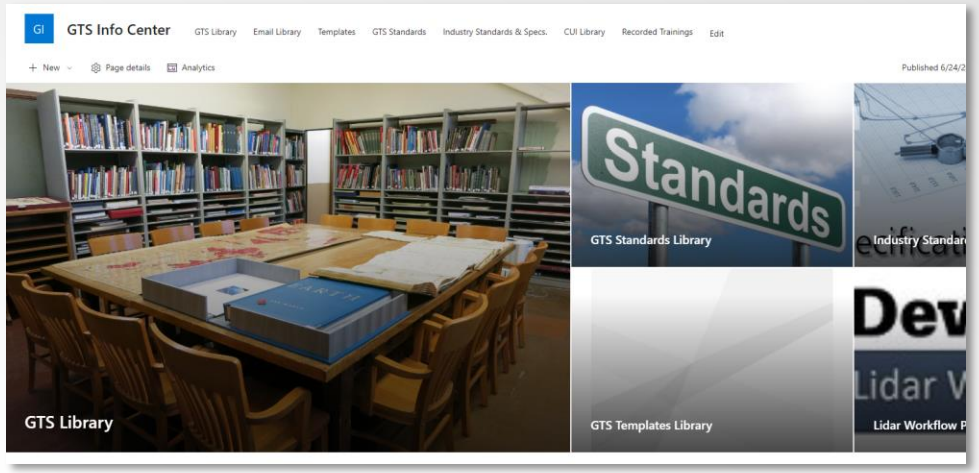
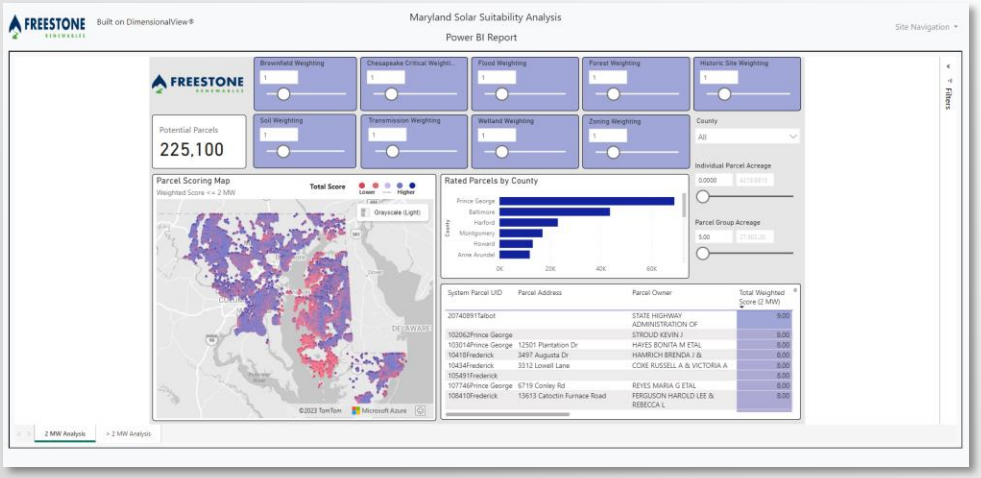
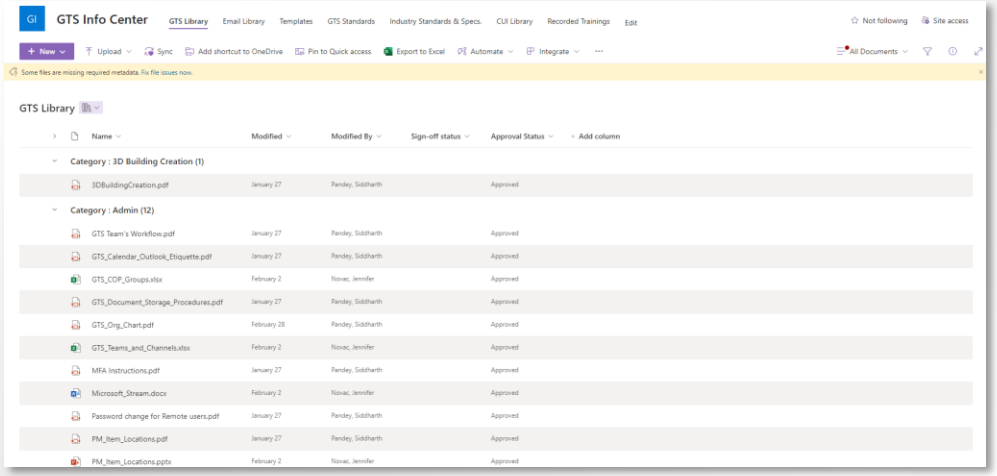
Collaboration Platforms









Example Projects

- Field Data Collection
- Dredge Progress Monitoring Application
- State Historic Preservation Inventory

Discussion/Questions

Connect with Us

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