GeoGov Summit 2023

Deep Dive Session: EO From Space to Surface



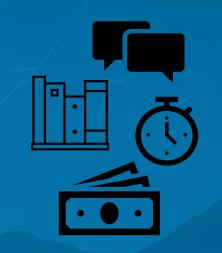
Stephanie C. Dockstader sdockstader@esri.com

Imagery and Remote Sensing
Public Sector Lead

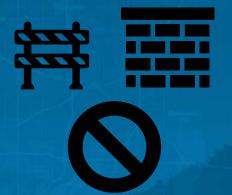
An Organizational Approach to Public and Private Imagery for Advanced Analytics













Everything Lives in the Cloud

Service Enabling Imagery Keeps Data in its Place





Raster Templates



True Color



Spectral



Analytic



Thematic



Custom

Desktop

Web

Mobile







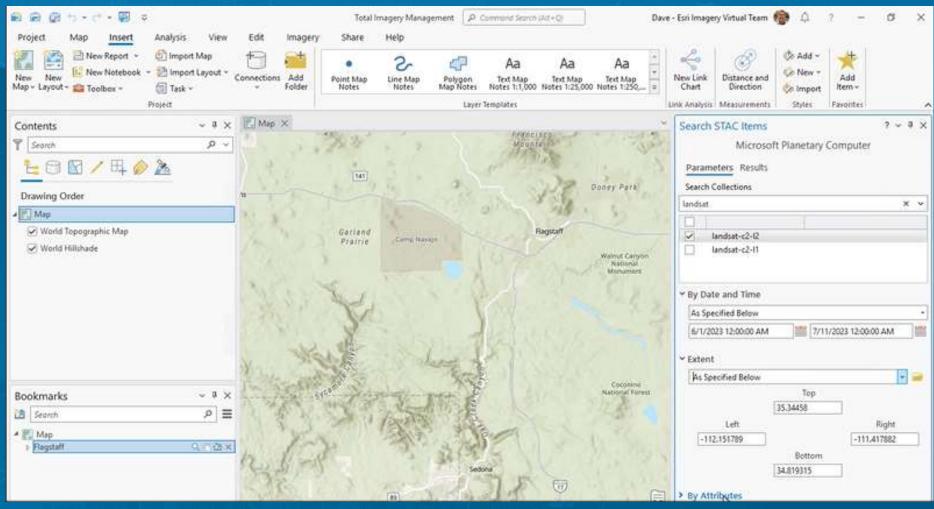
Collaboration

Key Component: Simple Search and Discovery

Empower Users with Personalized Filters

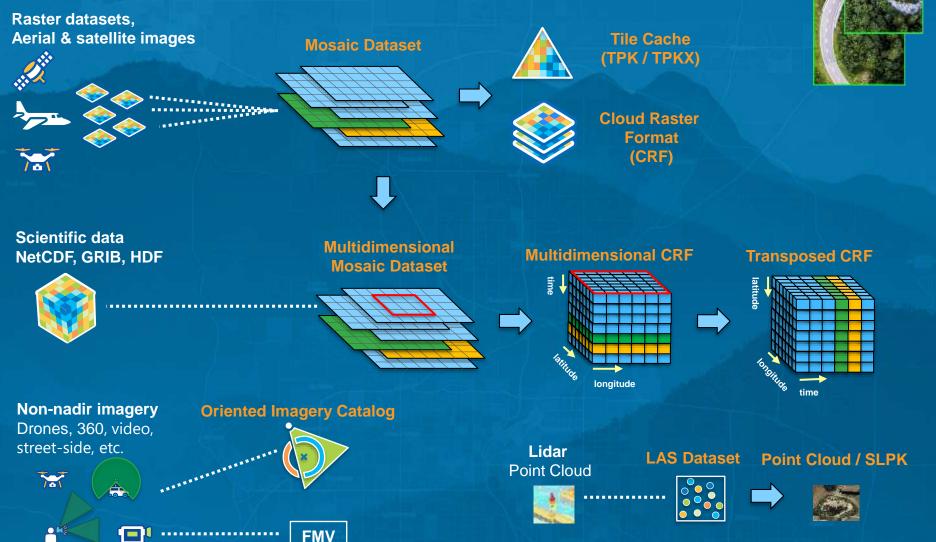
STAC is an Evolving Capability

User specific elements such as location or time make work with the catalogs more intuitive



Key Component: Optimized Data Models

Pixels Over Pictures



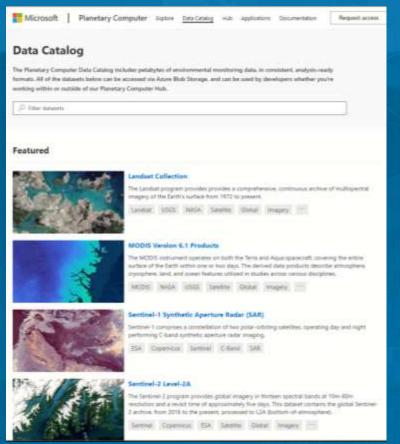
Visualization



Key Component: Processing Next to Data

A Pre-Configured System Extends the Value of Big Data Science

ArcGIS for the Microsoft Planetary Computer





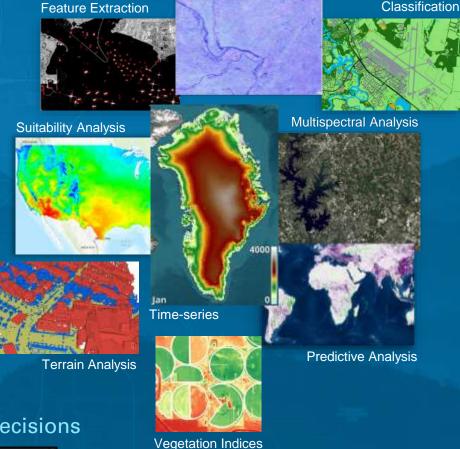


From Science to Decisions



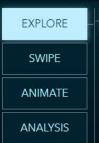
Insights on a Global Scale

Radar Analysis



Landsat Explorer





DYNAMIC FIND A SCENE DYNAMIC VIEW

In the current map display, the most recent and most cloud free scenes from the Landsat archive are prioritized and dynamically fused into a single mosaicked image layer. As you explore, the map continues to dynamically fetch and render the best available scenes.

To select a scene for a specific date, try the FIND A SCENE mode.

INTERESTING PLACES

① RENDERER



