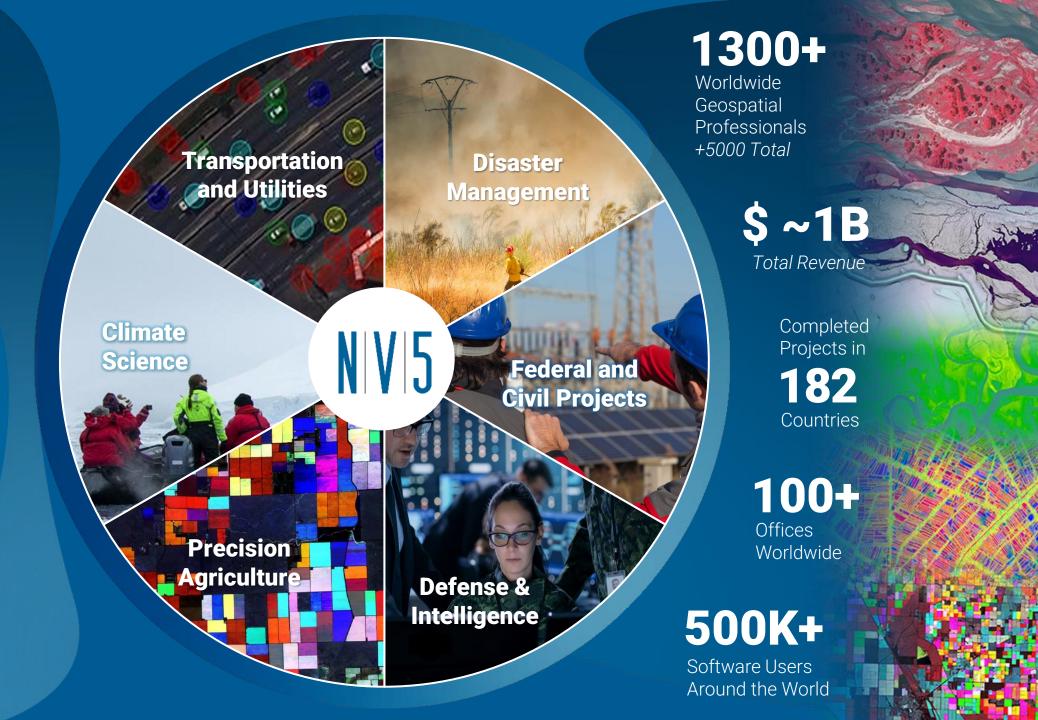


NV5

Geospatial solutions to solve the world's toughest challenges.





The ENVI Ecosystem: Imagery for All



Imagery Expertise. Actionable Insights. Seamless

Integration.

The ENVI Ecosystem delivers end-to-end solutions for complex geospatial challenges - transforming imagery, SAR, video, and AI into mission-critical insights

Our robust desktop tools form the backbone of a powerful, automated workflow engine - enabling users to process, analyze, and share geospatial intelligence with ease

Our solutions drive faster, smarter decisions by seamlessly integrating with third-party systems like ArcGIS, Smart Twins, and TAK to get mission-critical information in the hands of users



Data

Collected by NV5, purchased from a vendor, or accessed via open source

Analytics

Collection of automated workflows created by experts or casual users

Automation

Run automated workflows against data in the cloud

Visualization

Fuse human intelligence with automation and Al tools to maximize efficiencies and reduce strain

Geospatial Services and Solutions

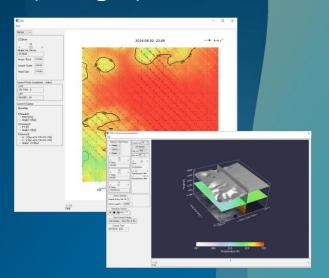
Expand desktop capability to online collaboration, monitoring services, and more

The ENVI Ecosystem enables critical decision-making when, and where, it matters most



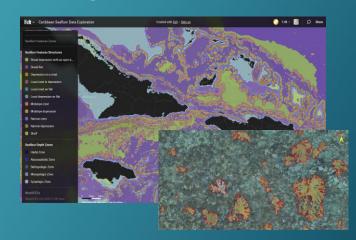
Case Studies

Improving Japanese Weather Forecasting With IDL



IDL application for numerical weather prediction model improves analysis accuracy.

The Urgency of Conservation in the Caribbean



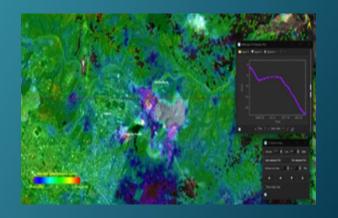
ENVI is essential for staying ahead of environmental threats and protecting the Caribbean's natural heritage.

Harnessing Data Science for Marine Conservation

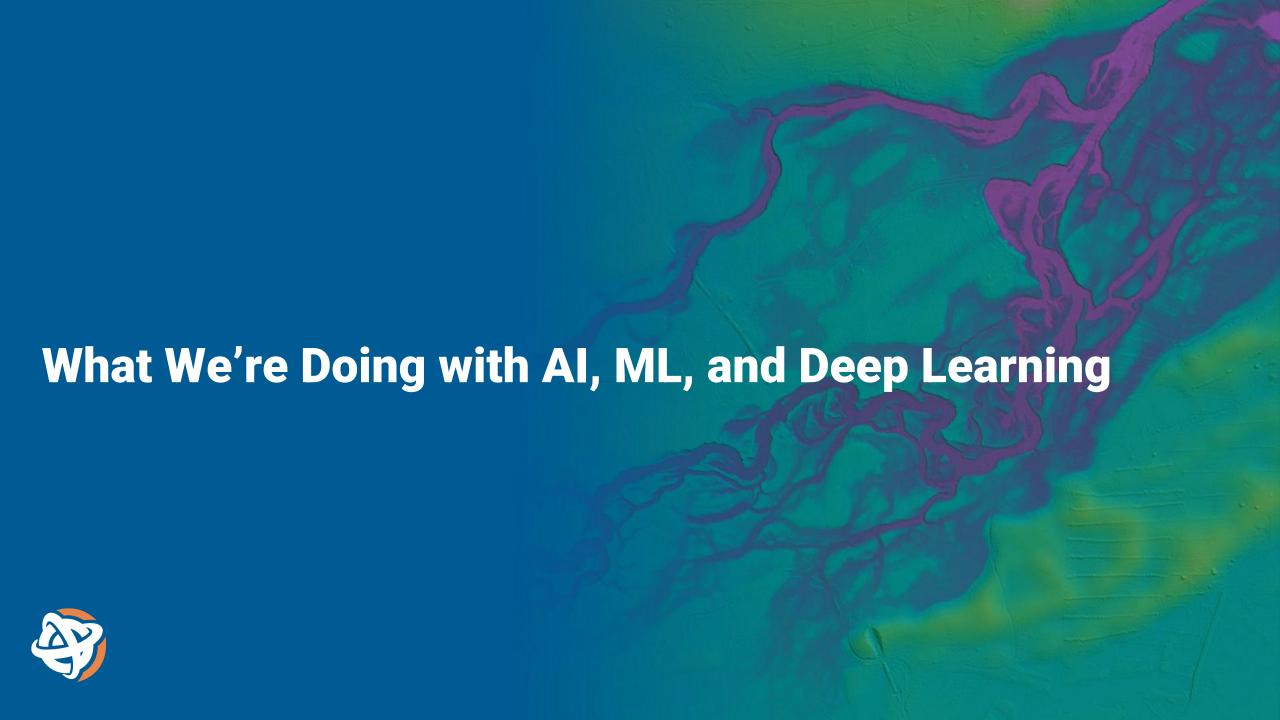


IDL application for automated acoustic detection systems to process and classify whale calls for marine conservation.

ENVI SARscape to Analyze Llallagua Landslide in Bolivia



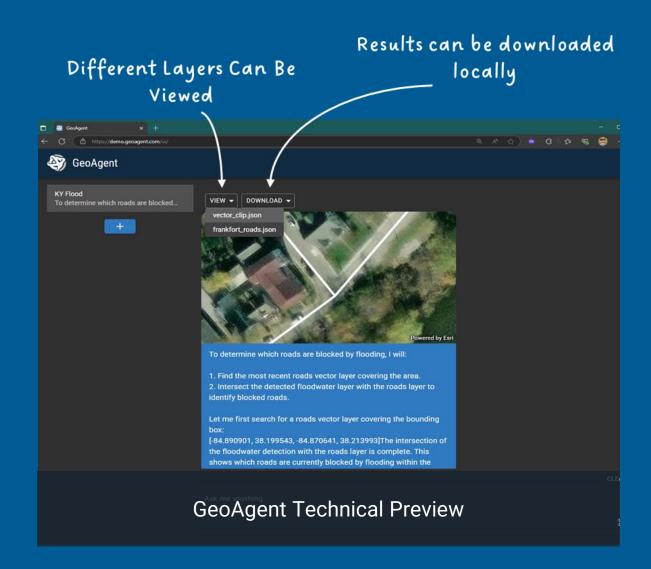
Sentinel-1 time series results show progressive ground velocity rates exceeding 20 mm/year and accelerating months before the collapse.



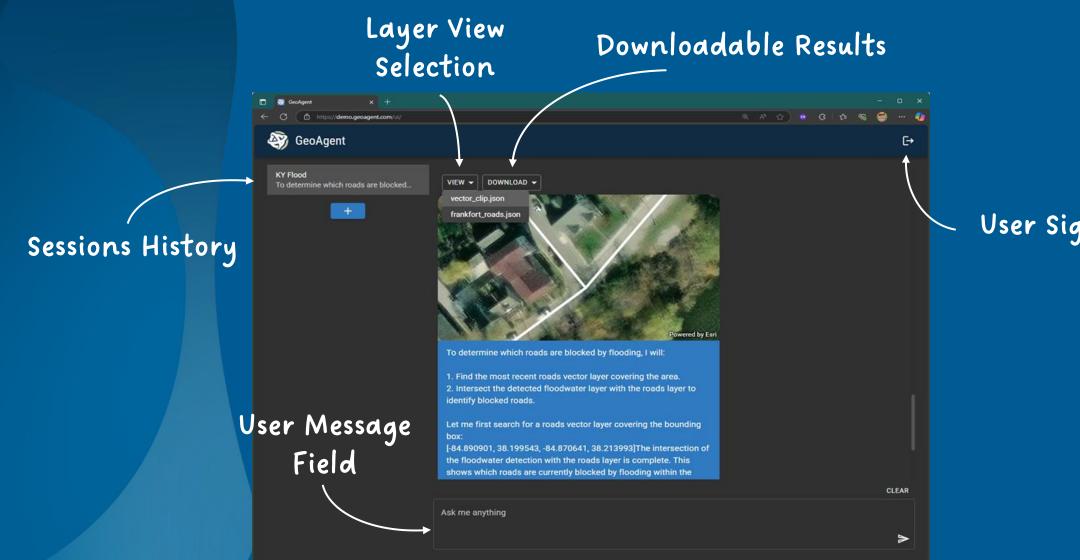
Introducing GeoAgent

NV5

- GeoAgent is an Al-based chat interface for all your geospatial systems
- GeoAgent executes tools and tasks based on natural language requests and data availability and leverages the power of ENVI, Esri, and more
- GeoAgent can create toolchains and execute them on your behalf, driving a new user experience when working with remote sensing data
- Support with training, tutorials, and automation
- Learn more at <u>NV5GeospatialSoftware.com/GeoAgent</u>





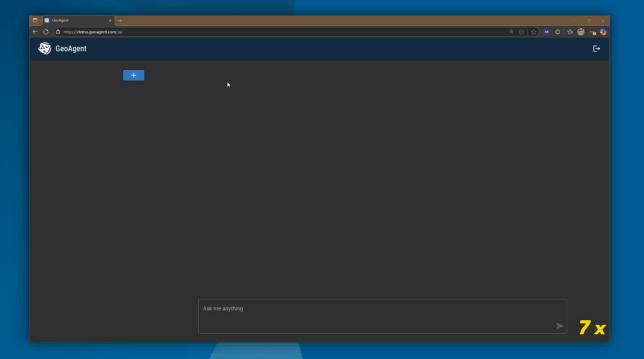


User Sign In

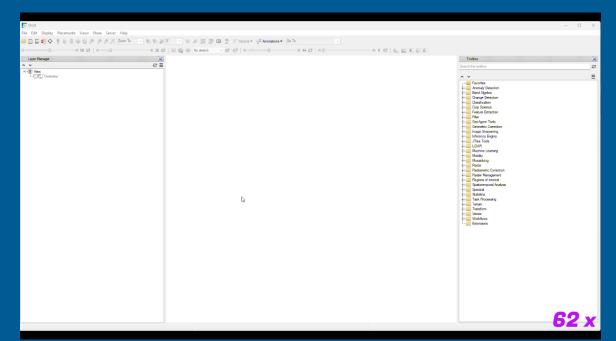
GeoAgent vs Desktop Flood Detection



GeoAgent



ENVI Desktop



3:31 minutes
Novice User

30:46 minutes **Expert** User

 \Box



Flood Analysis

申し訳ありませんが、現在のツールで...



もちろんです。これから日本語でご案内します。

洪水解析を最初から始めます。 どの地域で解析を行いたいですか? 以下の情報を教えてください。

- 1. 解析したい場所の中心座標 (経度・緯度)
- 2. 解析範囲の広さ(例: 10平方キロメートル、20平方マイルなど)

もしアメリカ国内のデータが必要な場合は、その旨をお知らせください。

ご希望の条件を教えていただければ、利用可能なデータを検索します。



Flood Analysis

アメリカで利用可能なラスターデ...



Data Search

洪水解析を最初から始めます。 どの地域で解析を行いたいですか? 以下の情報を教えてください。

- 1. 解析したい場所の中心座標 (経度・緯度)
- 2. 解析範囲の広さ (例: 10平方キロメートル、20平方マイルなど)

もしアメリカ国内のデータが必要な場合は、その旨をお知らせください。

ご希望の条件を教えていただければ、利用可能なデータを検索します。

アメリカで利用可能なデータ

アメリカで利用可能なラスターデータ(衛星画像や標高データなど)は以下の通りです:

- 1. Mountain Pass HSI(ハイパースペクトル画像)
- 場所: ネバダ州付近
- データURI: s3://envi-agent/input/mountain_pass_hsi.zip
- 2. Lake Charles DSM(デジタル表面モデル)
- 場所:ルイジアナ州付近

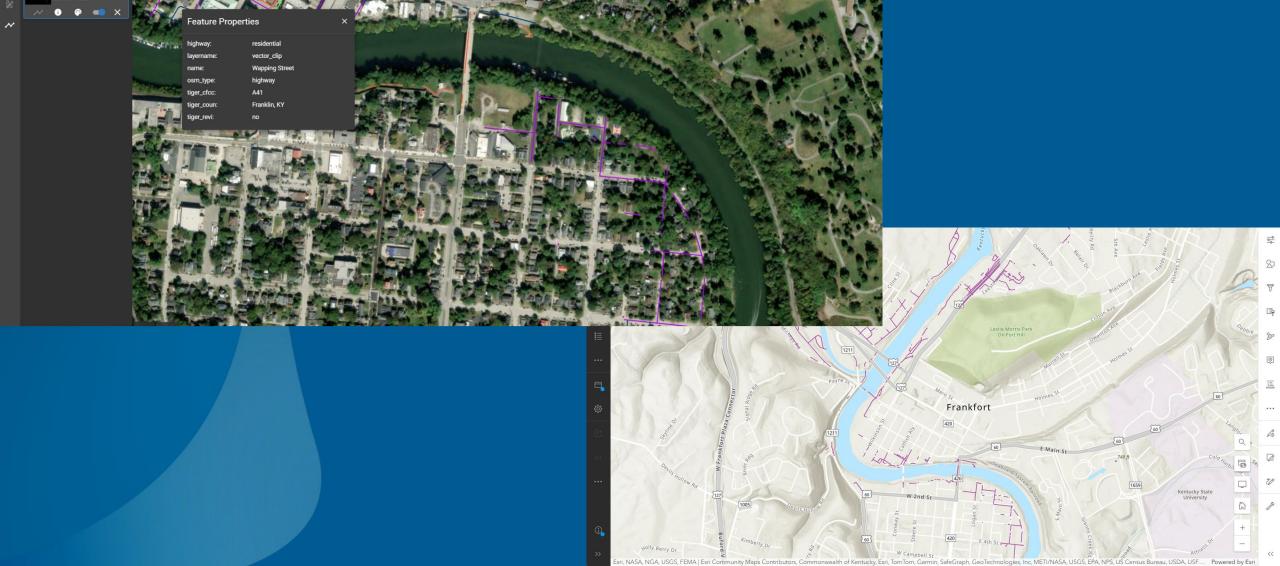
CLEAR

Ask me anything

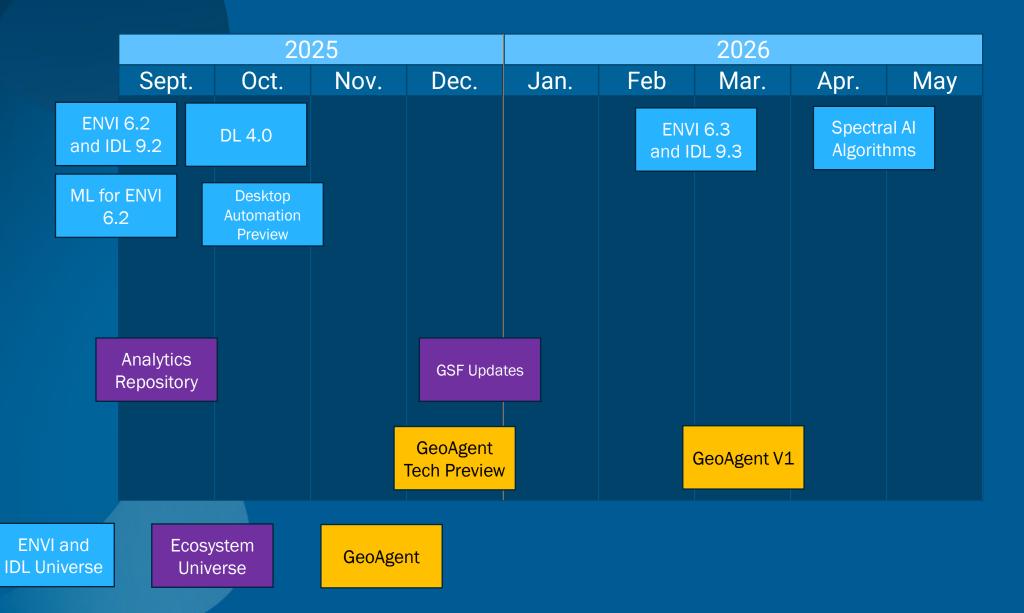
Results in ENVI Connect and ArcGIS Online

ENVI Connect





A Glance at the Future



Thank You

Cherie Tyrrell

Asia Pacific Regional Manager Cherie.Tyrrell@nv5.com

