



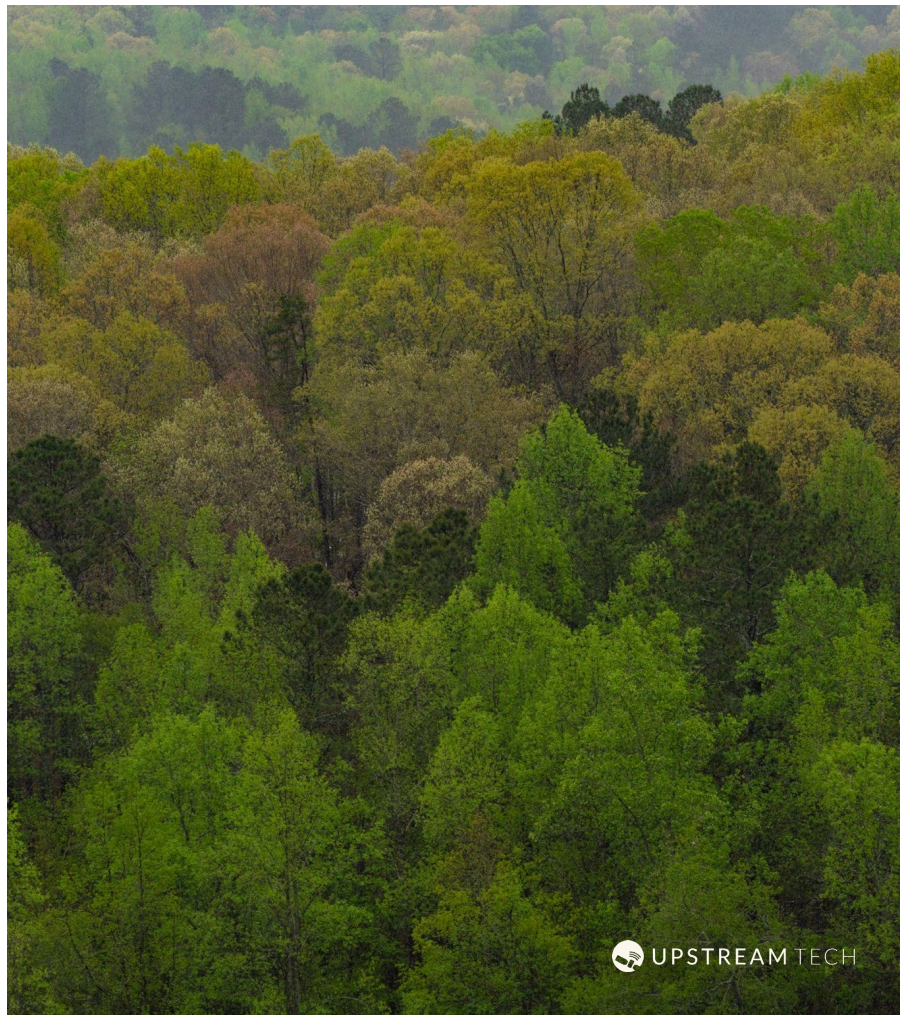
Remote Monitoring with Lens

March 25, 2024

Leveraging Remote Data for Mitigation
Project Success

Clay Word

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 UPSTREAM TECH

Who we are

Upstream Tech is a **mission-driven technology company**. Our software tools help accelerate the **pace, scale, and impact** of conservation.



Our goal for Lens

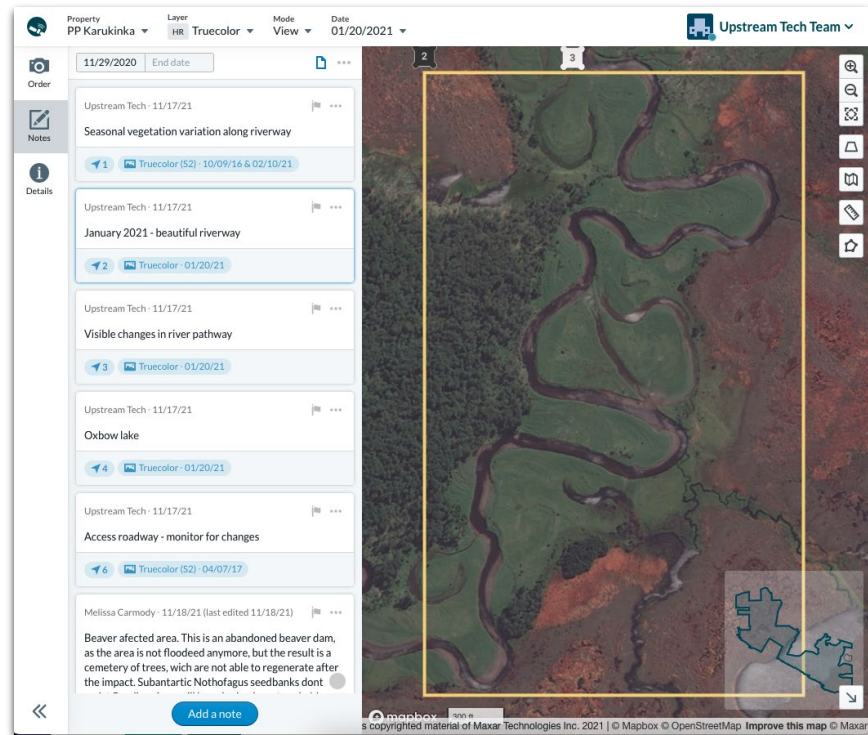
Make remote sensing accessible
with an easy to use tool focused
on conservation and natural
resource management





LENS ENABLES EASY, EFFICIENT MONITORING

- Web-based application
- No geospatial expertise required
- Collaborative - work collectively with your team
- Easy reporting to increase efficiency



Who uses Lens?

250+

Organizations
using Lens

170 M

Acres
monitored
globally

The Nature
Conservancy



American
Forest
Foundation



MONTANA
FRESHWATER
PARTNERS



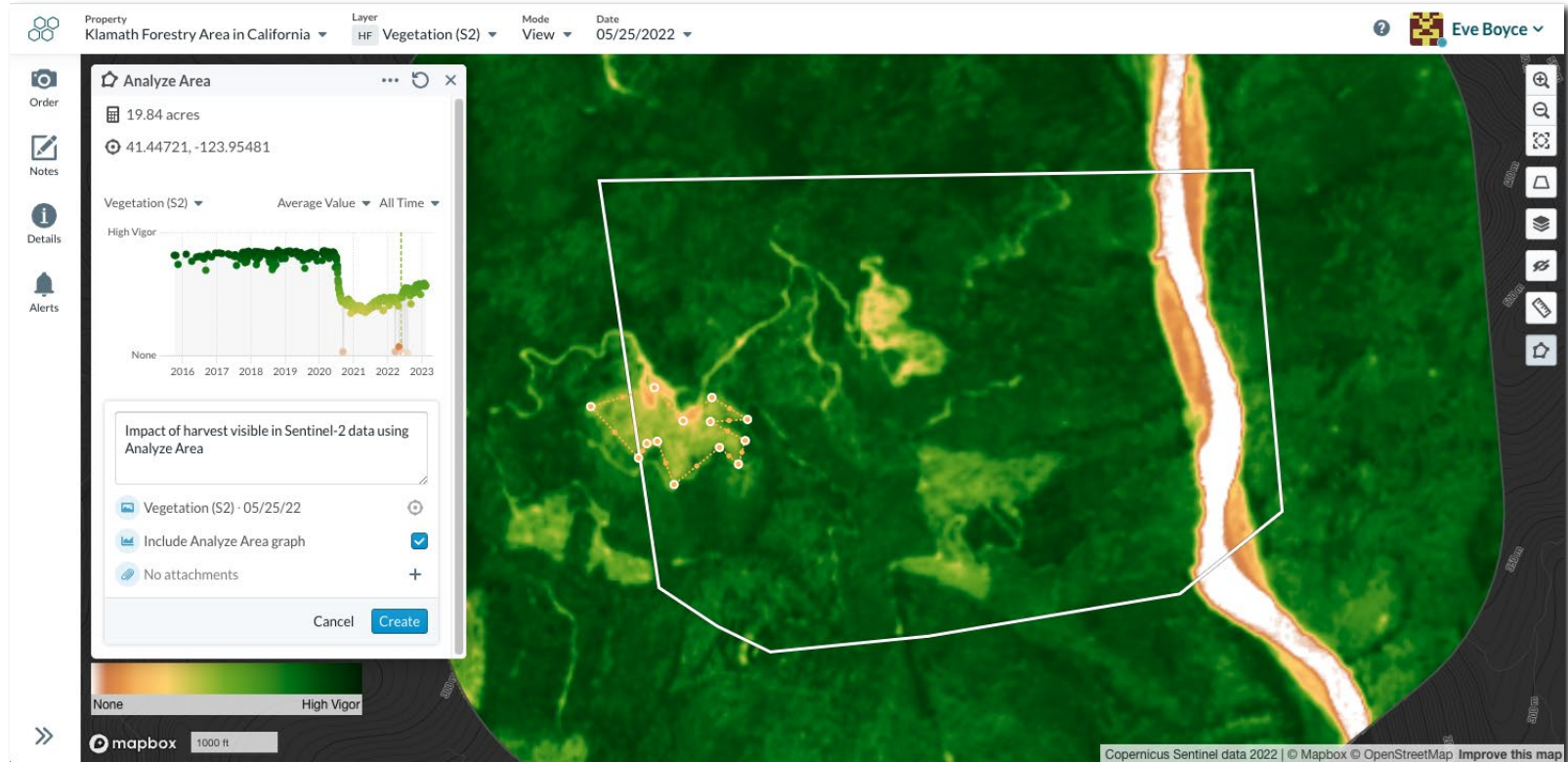
Compare time steps and make notes

The screenshot displays a web application interface for comparing time steps and making notes on a map. The interface is divided into several sections:

- Top Bar:** Includes a logo, a dropdown menu for "Property" (Idaho Red Bridge), a dropdown for "Layer" (HR), a dropdown for "Mode" (Truecolor), a dropdown for "Compare", and date pickers for "Start Date" (10/18/2022) and "End Date" (10/24/2022). A user profile icon for "Carolyn" is on the right.
- Left Sidebar:** Contains navigation icons for "Order", "Notes", "Details", and "Alerts".
- Notes Panel:** Displays a list of notes with timestamps and user information (abby@upstream.tech). The first note, dated 11/03/22, describes a wildfire on October 21, 2022, that burned approximately 300 acres. The second note, dated 11/03/22, shows a photo of BLM crews controlling the Red Bridge Fire. The third note, dated 11/03/22, describes a center pivot field that has been planted and irrigated consistently for the last several years, with a "High Vigor" indicator. A "Add a note" button is at the bottom.
- Map View:** Shows a satellite map with a white rectangular overlay. A circular navigation control with left and right arrows is positioned over the map. A small white box with the number "4" is visible near the bottom center of the map. A small white box with the number "1" is visible on the right side of the map.
- Bottom Bar:** Includes a "mapbox" logo, a scale bar (1000 ft), and a copyright notice: "© CNES 2022, Distribution AIRBUS DS, © CNES 2022, Distribution AIRBUS DS | © Mapbox © OpenStreetMap Improve this map".



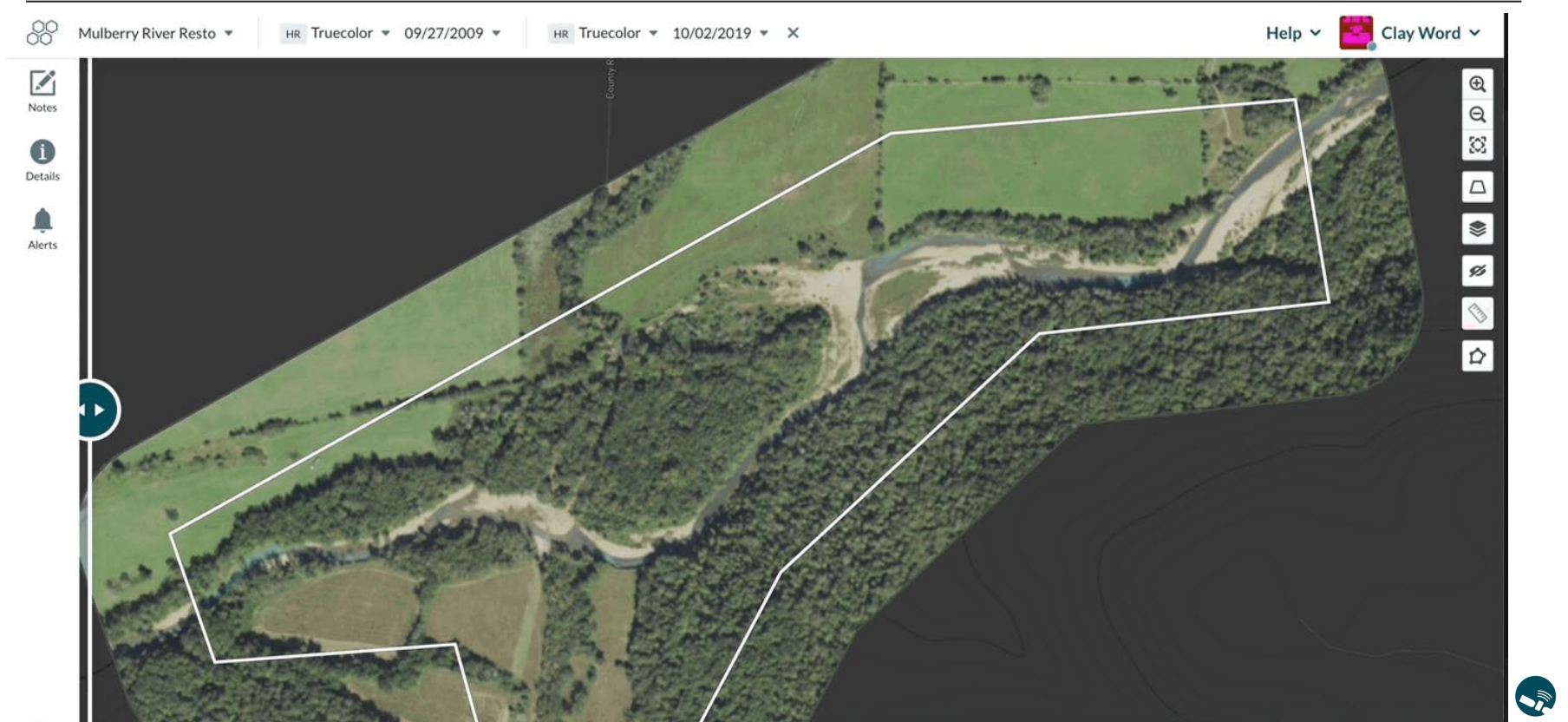
Analyze changes in vegetation and water data



Management Use Cases



View site changes



Wetland Restoration in Massachusetts

HF Surface Moisture (S2) 10/21/2022

Help

Clay Word

Order

Notes

Details

Alerts

MassDEP Wetlands Feature 9215

Dry Saturated

500'

Copernicus Sentinel data 2022 | © Mapbox © OpenStreetMap Improve this map



Up to date parcel records



Order

Notes

Details

Alerts

Property

Wetland Restoration in Massachusetts

Layer

HR Truecolor

Mode

View

Date

03/16/2023

Help

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Parcel owner change detected on 09/26/2022

Parcel [045-000-055-002] owner changed from KARINA SALGADO to MASS AUDUBON SOCIETY INC on 2017-10-10

Save as note

Dismiss alert

Parcel owner change detected on 09/26/2022

Parcel [075-000-005-031] owner changed from RICKY PARK to JOYCE STEPHEN M on 2001-10-22

Save as note

Dismiss alert

Parcel owner change detected on 09/26/2022

Parcel [045-000-046D-000] owner changed from ANGEL TORRES to MASS AUDUBON SOCIETY INC on 2017-10-10

Save as note

Dismiss alert

Location Details

Type	Center	Area
Polygon	41.91607, -70.56337	13.59 acres









Thank You!

Clay Word, Growth and
Partnerships, Lens

Upstream.Tech/Lens

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