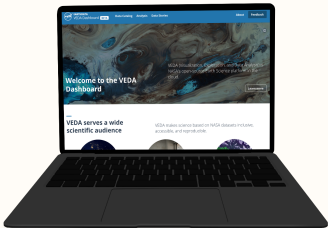




Using open source, easily configurable Earth Observation visualizations to connect the science community and stakeholders

The Visualization, Exploration, and Data Analysis (VEDA) platform is a set of easily configurable, highly reusable tools for scientists working with complex geospatial data who want to analyze their data and connect with their stakeholders in the same workspace.

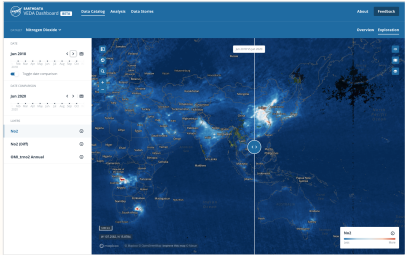


VEDA GOALS

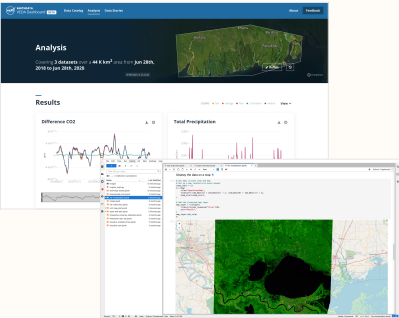
- The VEDA platform is a collaboration between Development Seed and NASA with the following goals
- 1. Improve access to high quality **science data in the cloud** for scientists
 - 2. **Boost the visibility** of science for stakeholders and other science stakeholders
 - 3. Accelerate **open science** by streamlining collaboration between scientists
 - 4. Build **open-source** so other organizations and scientists can replicate for their own use case

GEOSPATIAL DATA CHALLENGES

- Satellite imagery and large geospatial data sets are complex and difficult to analyze
- Data is inaccessible without programming knowledge and geospatial expertise
- Scientists are responsible for generating graphics and explaining the insights generated by this data



VEDA aims to create a set of cohesive, reusable tools that bring scientists and stakeholders together to the same platform, looking at the same data, to advance open science.



OPEN SOURCE SOLUTIONS

- The VEDA platform creates a self-reinforcing loop: Discover, Analyze, Share.
- Scientists can quickly create and share new data products in multiple formats
- Open source: new instances can be rapidly created and deployed

