

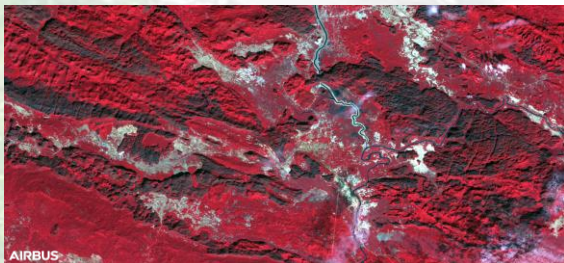


This third quarterly report of 2023 provides an update of the activities completed in this quarter, the key statistics and metrics gathered from insights collected by the project team and the user community.

News, Media and Outreach

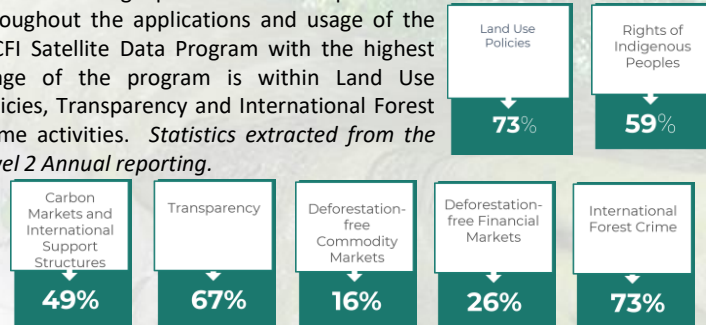
The NICFI Satellite Data Program becomes a partner to the [Nature-based Projects call](#) led by explorer.land. Launched in August 2023 the initiative seeks to connect those involved in nature restoration and conservation with the right funders and investors, enabling innovative solutions that foster a sustainable future ([Source: Press Release](#)). The program is open to all nature based projects without restriction on size of type with multiple funding options and a range of partners who contribute through investment, advice, data or connections.

[SPOT World Heritage](#) is an initiative by the French Space Agency to open up 30 years of extensive and historical archive imagery from SPOT 1-5 dating back to 1986 and is an invaluable resource for historical land analysis. It also acts as a useful complement to the NICFI Satellite Data Program providing public access to additional imagery of interest for deforestation monitoring. More information as well as training can be [found here](#).



Key focus areas of usage of the NICFI Satellite Data Program

NICFI's 7 strategic pillars are seen represented throughout the applications and usage of the NICFI Satellite Data Program with the highest usage of the program is within Land Use Policies, Transparency and International Forest Crime activities. *Statistics extracted from the Level 2 Annual reporting.*



Program Status Post 2024

A statement from NICFI about the NICFI Satellite Data Program and the contractual end of the current program in 2024 is provided at this [link](#).



Activities

- Continued delivery of monthly mosaics.
- User outreach and support across user groups.
- Database of Users Stories continually updated and organised by user group.
- Support to Nature-based Project call from explorer.land
- Ongoing support to Purpose Allies/Platform partners with quarterly meetings
- Completed onboarding of Interpol
- Continue to build momentum in engagement activities including to new groups and initiatives.
- Ongoing outreach with other geospatial software and platform providers where relevant.
- Webinar preparation for various events
- Support to NICFI with materials for outreach and promotion of the Program
- [GitHub repo](#) now in place for NICFI and designed to be a centralised repository
- Capacity building support with key users. Continue to populate user stories database and resource hub with community and program led resources.
- Support to Nature4Climate Nature Tech Report
- Support NICFI with program outreach requirements
- Circulate second survey 2023

Events

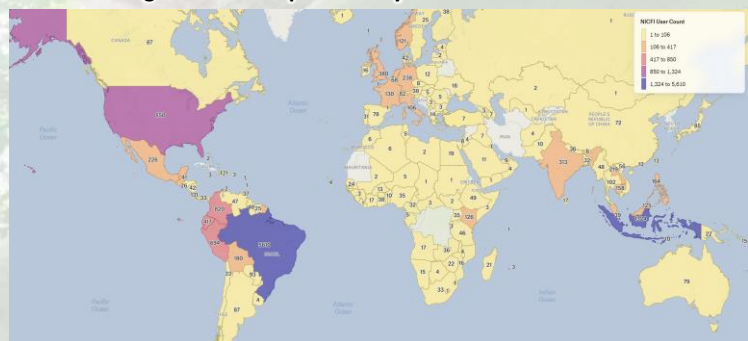
- Ecociencia online webinar - 19th July
- WRI Restoration Accelerator – 28th Aug – 1st Sept
- UN/Austria Symposium – 12-14th September
- Climate Week NY - 22nd September

Resources and Helpdesk

Tier one support has handled 54 tickets in this quarter (607 overall to NICFI Helpdesk + 918 overall Tier 1 requests sent directly to Planet). Most common requests have been on topics of download and discovery, access through other platforms such as GEE. Additional support material in the form of FAQs, User guides available in five languages (English, Spanish, French, Portuguese and Bahasa Indonesian), a new suite of Level 2 training resources, a Community forum as well as a Twitter page continue to be well used.

97 countries included in the NICFI program with over **23,500 registered users** from **158 countries** worldwide. To date, **250 million tiles** streamed from Planet Explorer.

Number of registered users per country



Number of registrations per week vs streams of data





Publications

Some examples of journal articles using the Satellite Data Program are below:

- [Improved Fine-Scale Tropical Forest Cover Mapping for Southeast Asia using Planet-NICFI and Sentinel-1 imagery](#)
- [Mapping tropical forest degradation with deep learning and Planet NICFI data](#)
- [Monitoring monthly tropical humid forest disturbances with Planet NICFI images in Cameroon](#)
- [Mapping the National Seagrass Extent in Seychelles Using PlanetScope NICFI Data](#)
- [Refining National Forest Cover Data Based on Fusion Optical Satellite Imageries in Indonesia](#)

Activities Next Quarter

- Ongoing delivery of Level 1 monthly mosaics.
- Ongoing support to Level 2 users.
- Ongoing support to Purpose Allies/Platform partners with quarterly meetings.
- Continue support to Nature-based projects call
- Preparation for Year 4 activities
- Continue to build momentum in engagement activities including to new groups and initiatives where possible.
- Ongoing outreach with other geospatial software and platform providers where relevant.
- Continue to populate user stories database and resource hub with community and program led resources.
- Continue to populate Github repository
- Review second survey 2023

Events

- GEO4GOOD, Washington DC – 10-12th October
- Y3 Annual meeting, Berlin – 23-24th October
- Indigenous Water Summit, Online – 25-27th October
- Nature for life hub, Online – 7-9th November
- COP28, Dubai – 30th November – 12th December

Purpose Allies



SINCE NOV 2020

~9k selections of the Planet-NICFI Basemap per month



SINCE APR 2021

11k users
60k views
23k sessions



SINCE NOV 2020

~ 300k tile views per month
35 analysis per week



SINCE DEC 2021

167 views of NICFI related forum posts



Since Q1 2023



An image from May 3 (left) shows the Puruê River the color of coffee with cream because of sediment stirred up by the mining. On the right, an image from May 17, after miners had stopped operating

User Stories

The **Amazon Underworld Project** is a joint investigation by InfoAmazonia (Brazil), La Liga Contra el Silencio (Colombia) and Armando.Info (Venezuela). The purpose of the project is to map the actions of armed groups in Amazonia. Level 1 imagery has supported their investigations and show that the [interruption of gold mining dredging activity](#) has immediately changed the colour of the river. Estimates at the time indicate there were about 150 dredges operating along the Puruê and its tributary streams and another 150 along the nearby Juami River, which flows through the [Juami-Japurá Ecological Station](#), a federally protected conservation area. The raid hit 10% of the dredgers highlighting the continued issue and environmental impact of the activity.

Forests of the World work in various departments of Bolivia to support indigenous peoples of the Chiquitano and Movima tribes with the development of sustainable forest management, territorial organisation including environmental surveillance and education of young climate activities. Their work is supported by satellite imagery where data including that from the NICFI Satellite Data program is used in support of territorial defence and conservation management.



FNDS have integrated satellite imagery from the NICFI Program in their M&MRV system for REDD+ activities and results.

NICFI Basemaps are used for visual validation of deforestation and forest degradation. NICFI data integrated into Collect Earth is used to monitor annual deforestation in the pay-for-results program “Zambézia Emission Reduction Program”.

Partner profile – GEO Indigenous Alliance

The Group on Earth Observations (GEO) Indigenous Alliance was founded by Indigenous representatives in 2019. Its vision is to protect and conserve Indigenous Cultural Heritage by using Earth Observation science, data and technology to create a knowledge base that sustains the Earth we live on.

In December 2020, the GEO Indigenous Alliance hosted the inaugural [GEO Indigenous Summit 2020](#) event, which brought together Indigenous Peoples from around the world which built on the (GEO) Indigenous Hackathons which enabled the co-development of culturally relevant EO based tools for and by Indigenous communities that honour and acknowledge the human dynamics and cultural complexity of their communities. GEO Indigenous Alliance have been active partners to the NICFI Satellite Data Program and the teams have worked together on collaborative events at conferences such as webinars, side events at conferences ESA’s Living Planet 2022 and round table discussions to bring indigenous communities and potential collaborators together.

Outreach Partners



Microsoft



@NICFISatData