

FIRECAST

Real-time data solutions for better land management

Firecast is...

- strategically located in five countries based on need and capacity for local engagement;
- targeted fire-related information that can be customized to your needs to maximize its impact;
- designed in consultation with local audiences who need it most;
- translated into the languages of the countries where Firecast is used;
- an enabler for technology transfer to help nations build their capacity;
- maintained by CI for long-term stability.

Using emerging technologies and cutting-edge research, Firecast empowers users with timely and customized monitoring and forecasting information.

Firecast uses satellite observations to track ecosystem disturbances such as fires, fire risk conditions, deforestation, and protected area encroachment; and delivers this time-sensitive information to decision makers through email alerts, maps, and reports.

We aim to support in-country needs focusing on strengthened forest surveillance and monitoring, fire management and prevention, protected area management, and sustainable land use planning. Near real-time monitoring from Firecast also provides invaluable information on ecosystem status and trends for targeting and implementing conservation efforts and measuring the success of those interventions.



Target Audiences

Without engagement, any system built would not be used. We intentionally designed Firecast with these audiences:

Protected area managers to strategize patrols, respond to threats, and stop illegal activities.

Local and national governments for active fire control, monitoring, climate change adaptation planning, and resource allocation.

National conservation organizations to manage natural resources and assess conservation effectiveness.

Communities for managing natural resources and responding to threats to property (buildings, livestock).

Where we work

Funding agencies and the private sector for prioritizing investments and monitoring portfolios.

Strategically located in five countries based on need and capacity of local CI staff to engage directly with users, with the ability to expand geographies.

Currently operating in:

Bolivia

Colombia

Indonesia

Madagascar

Peru

Our niche

Customized data packaging and delivery system tailored to meet end-user needs.

System built with end-user engagement and input.

Locally-approved datasets to filter active fire information.

All content translated by native speakers.

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