



WORLD  
RESOURCES  
INSTITUTE

# Engaging users of Early Warning data

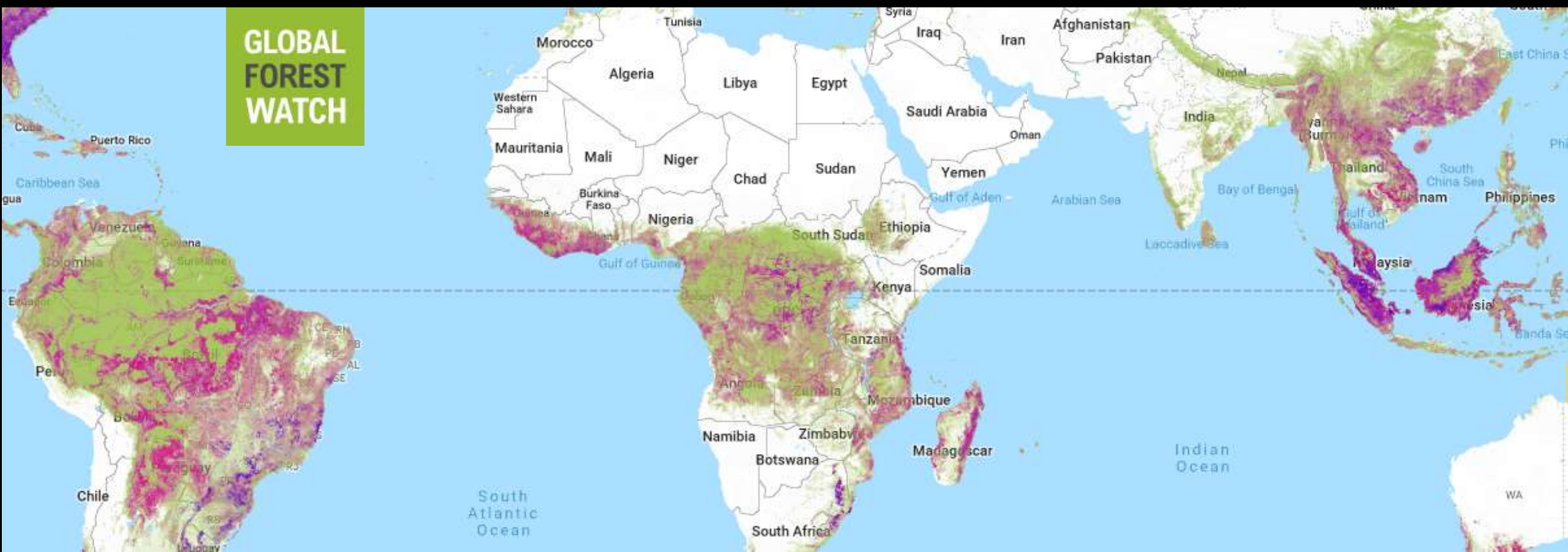
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# Global Forest Watch

An online platform that provides data and tools for monitoring forests.



## GLAD alerts

Weekly, 30-meter  
deforestation alerts  
available between  
30°N and 30°S  
(Hansen et al. 2016)

# A proliferation of systems

NAME	GEOGRAPHIC COVERAGE	FREQUENCY	SPATIAL RESOLUTION	PRODUCED BY
Tropical Systems				
GLAD alerts	Pantropical	Weekly	30 meters	University of Maryland
FORMA	Pantropical	Biweekly	250 meters	World Resources Institute
JJ FAST	77 tropical countries	1.5 months	5 hectares	JAXA/JICA
Terra-i	Pantropical	Monthly	250 meters	CIAT
National Systems				
IDEAM Early Warning Alerts	Colombia	Quarterly	250 meters	IDEAM (Colombia)
PNCB Early Warning Alerts	Peruvian Amazon	Weekly	30 meters	MINAM (Peru)
DETER-B	Brazilian Amazon	5 days max	60 meters	INPE (Brazil)



# EARLY WARNING WORKING GROUP

Institutions involved: WRI, GFOI, US Forest Service, CEOS, JAXA, Wageningen University, FAO, World Bank

## 2018 Activities:

- User Needs Assessment – completed in July
- International Forum on Forest Early Warning – July in Lima, Peru

# There is already strong interest in and use of Early Warning systems

## How are Early Warning Systems Used?



Protected areas management



Community forest monitoring



Interdiction of illegal activity

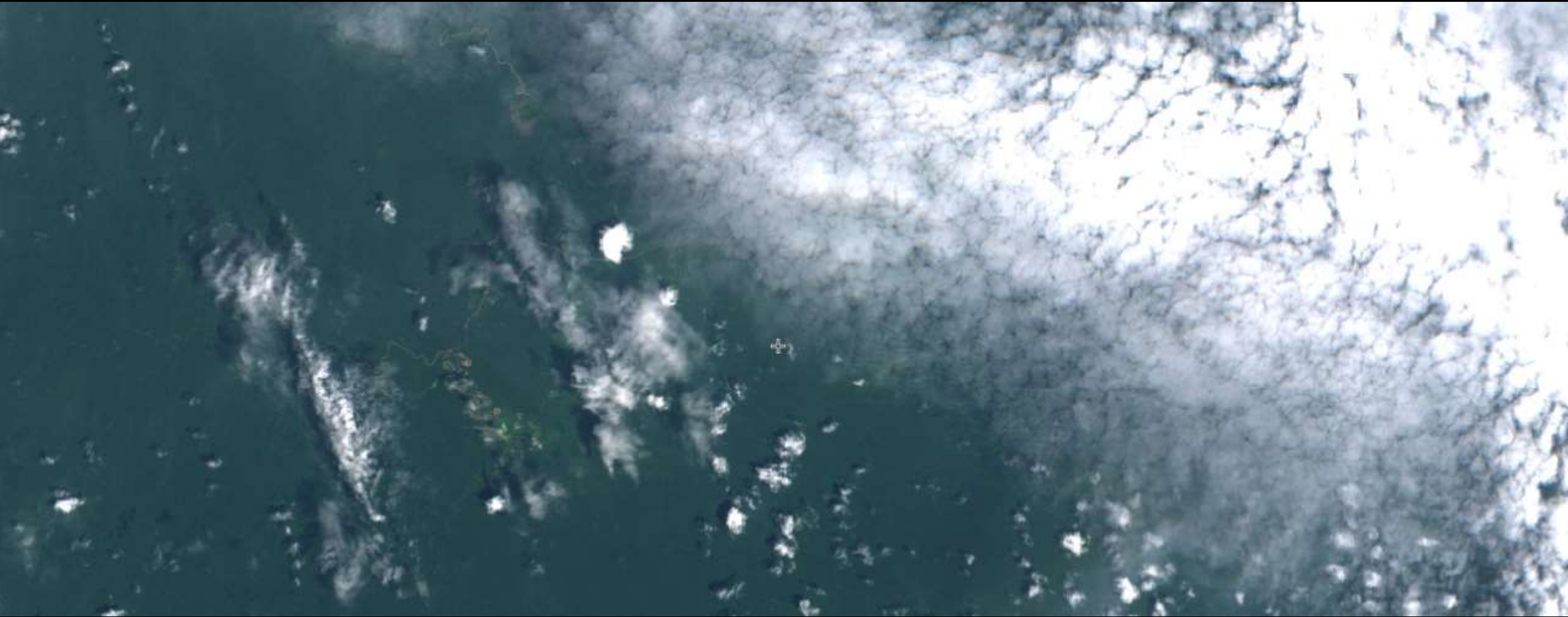


Management of agricultural and other productive concessions



Raising awareness

# There is room for improvement of Early Warning systems



# Responding to alerts goes far beyond detection

What Happens When an Alert is Triggered?



1. Detection



2. Prioritization



3. Identification of Drivers and Context



4. Effective Communication of Results



5. Impact to Reduce Deforestation





# There is a need for training and guidance around Early Warning systems



# Next Steps

- Better elevate success stories of those using Early Warning systems
- Creating more opportunities for south-south exchange
- Providing advice on how to evaluate Early Warning systems
- Developing guidance on how to create and use these systems

Materials: [sites.google.com/view/forest-early-warning-portal](https://sites.google.com/view/forest-early-warning-portal)

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