





College of Earth, Ocean, and Atmospheric Sciences

**GF** Global Forest Observations Initiative 9-11 M

Plenary 9-11 May 2023

## SAR-based alerts in SERVIR-Southeast Asia

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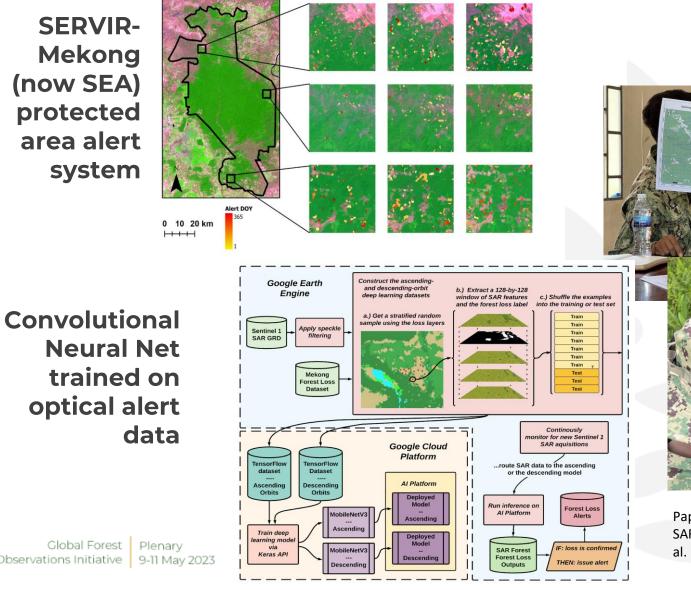
1: Spatial Informatics Group; 2: SERVIR-SEA, 3: Oregon State University



## S1-based alert in Cambodia

2020

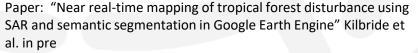
**SERVIR-**Mekong (now SEA) protected area alert system



2019

2018

Part of a growing pipeline to EarthRanger tool used by **Protected-Area rangers and** communities





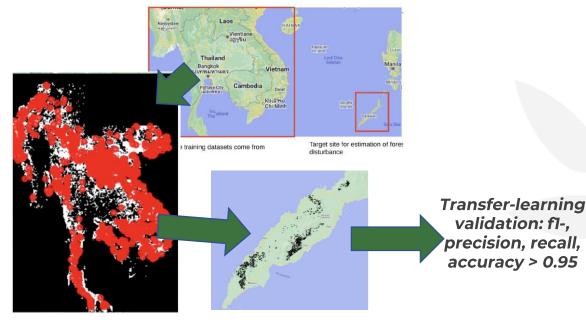


### SARFDAS

### https://sarfdas.sig-gis.com

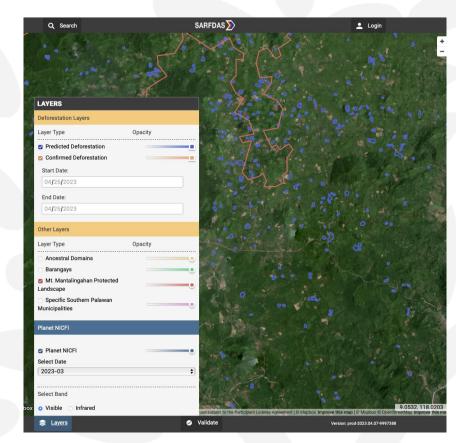
#### SARFDAS - Synthetic Aperture Radar Forest Disturbances Alert System

Co-developed by Spatial Informatics Group and Conservation International



Based on Cambodia example, expanded to GLAD alerts in Lower Mekong Basin countries, with transfer-learning and heads-up digitizing in Palawan, Philippines

## Web-based interface for evaluation and validation





# Thank you.

Author



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