

# Indonesia Regional Support Office UN-SPIDER

How we could help on accelerating Satellite-based Data and Information for Disaster Risk Management in Indonesia









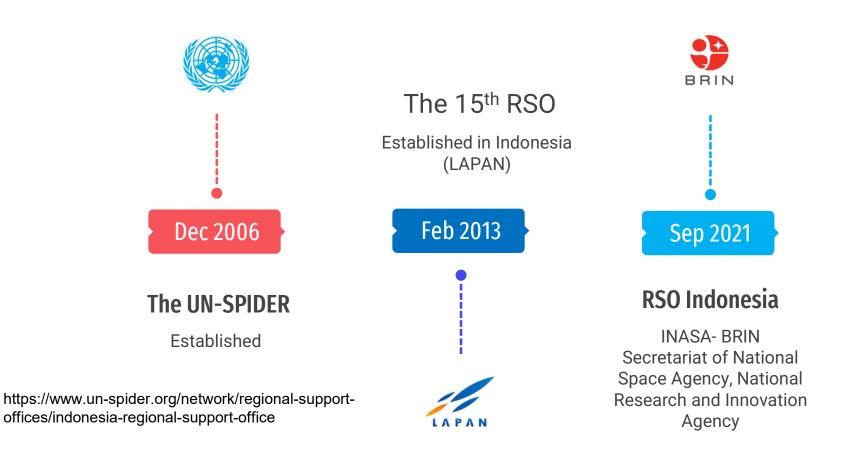


### Outline

- 1. Who we are
- 2. Good practices on space-based information to assist disaster management activities (2022-2023)
- 3. Take-home messages



### Indonesia RSO UN-SPIDER history and the structure



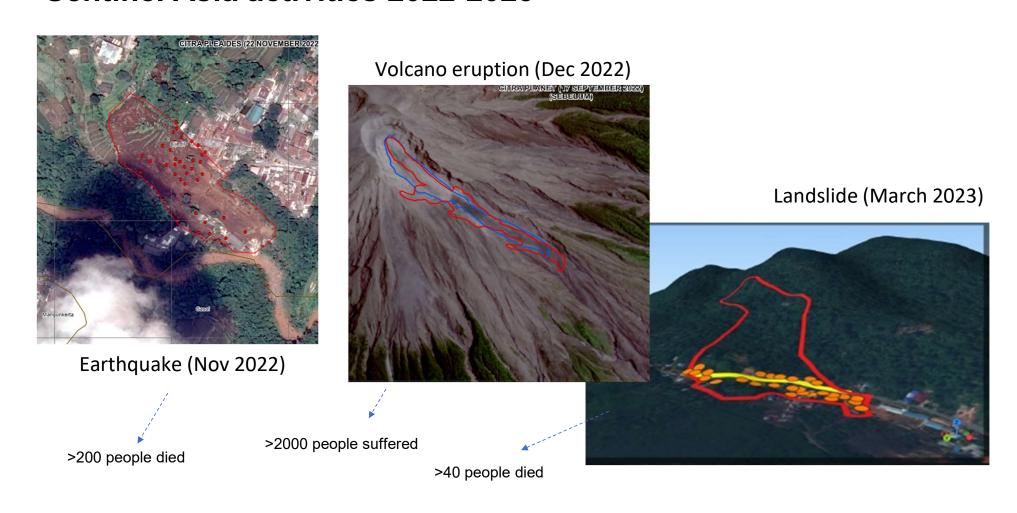


## Good practices on space-based information to assist disaster management activities

2022-2023



#### **Sentinel Asia activities 2022-2023**

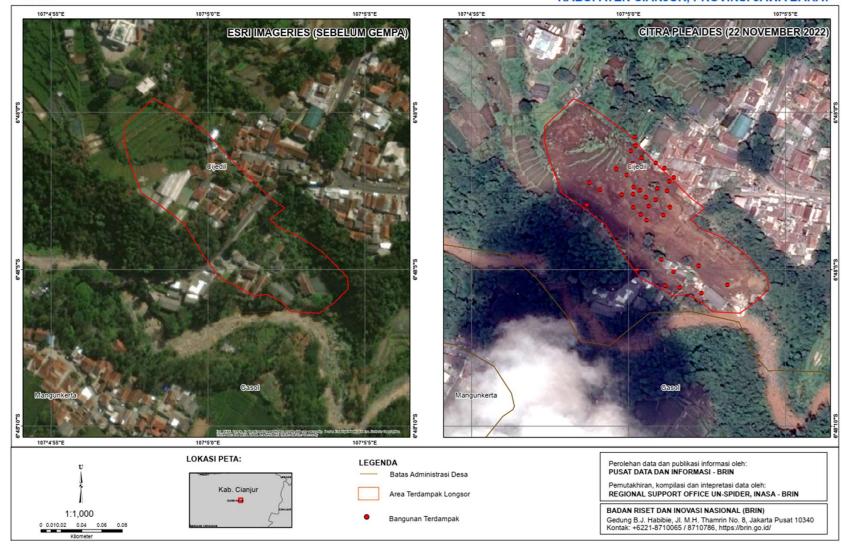






#### INFORMASI WILAYAH BENCANA BERBASIS SATELIT KEJADIAN GEMPA BUMI TANGGAL 21 NOVEMBER 2022

KABUPATEN CIANJUR, PROVINSI JAWA BARAT



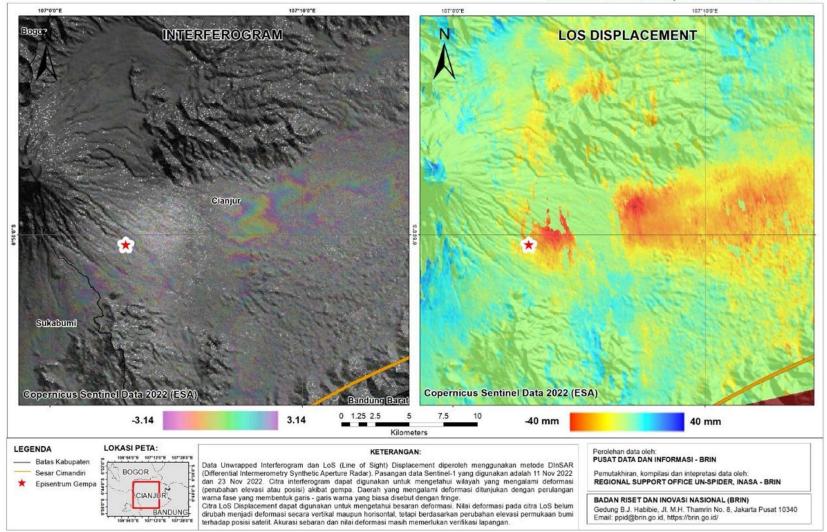






#### INFORMASI INTERFEROGRAM DAN LOS (LINE OF SIGHT) DISPLACEMENT AKIBAT GEMPA KEJADIAN GEMPA BUMI TANGGAL 21 NOVEMBER 2022

KABUPATEN CIANJUR, PROVINSI JAWA BARAT





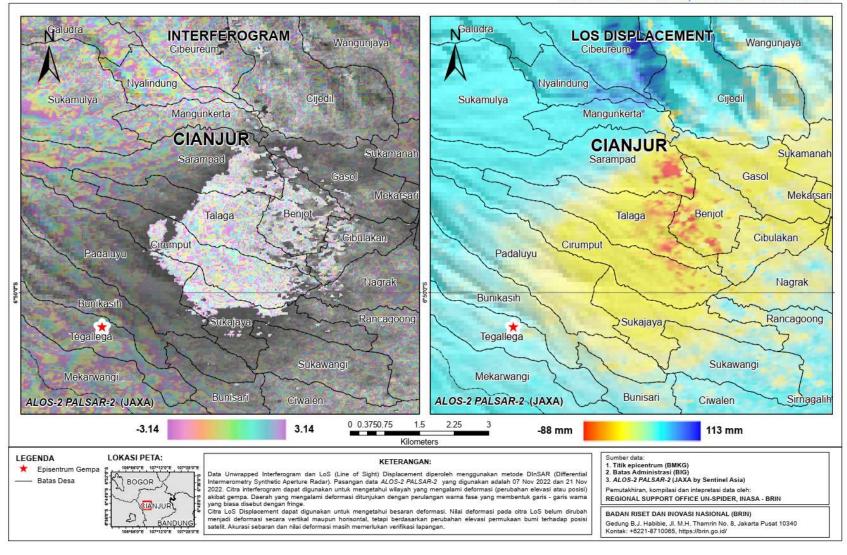






#### INFORMASI INTERFEROGRAM DAN LOS (LINE OF SIGHT) DISPLACEMENT AKIBAT GEMPA **KEJADIAN GEMPA BUMI TANGGAL 21 NOVEMBER 2022**

KABUPATEN CIANJUR, PROVINSI JAWA BARAT







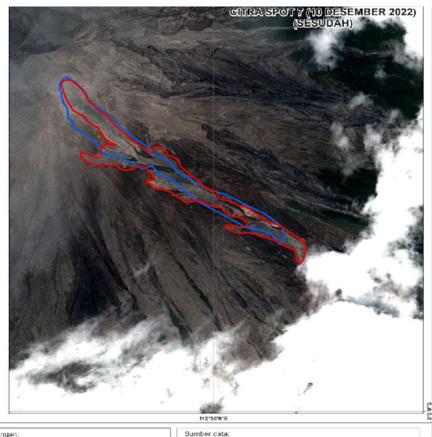


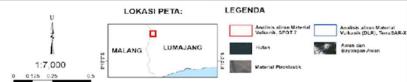




### Semeru Volcano Eruption







Data SPOT tanggal 10 Desember 2022 menunjukan aliran meterial vulkanik yang mengarah ke tenggara. Aliran tersebut belum dianalisis untuk seluruh area karena kendia inturpan awan.
Puncak Gunung Semeru masih memiliki material vulkanik yang cukup banyak pada kawah yang berpotensi sebagai guguran material vulkanik lanjutan dan benjir lahar dingin.

1. PLANET 2. SPOT 7 (AIRBUS)

Pemutakhiran, kompilasi dan intepretasi data oleh: REGIONAL SUPPORT OFFICE UN-SPIDER, INASA - BRIN

#### BADAN RISET DAN INOVASI NASIONAL (BRIN)

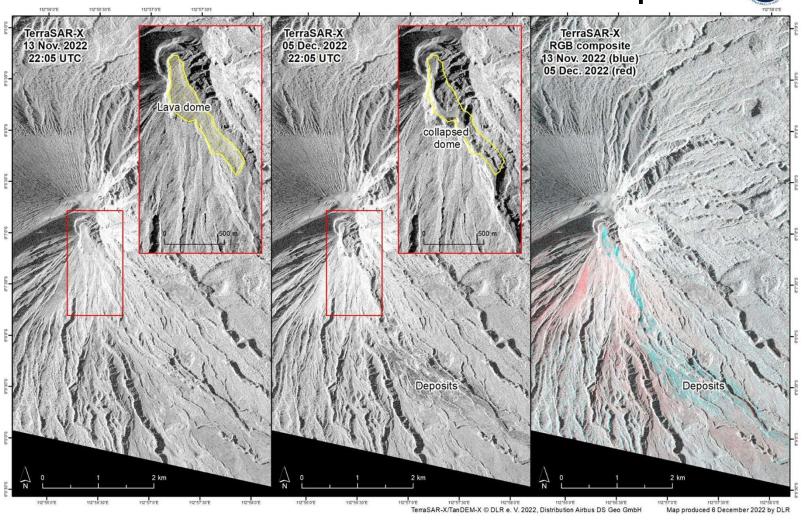
Gedung B.J. Habibie, Jl. M.H. Thamrin No. 8, Jakarta Pusat 10340 Kontak: +6221-8710065, https://brin.go.id/

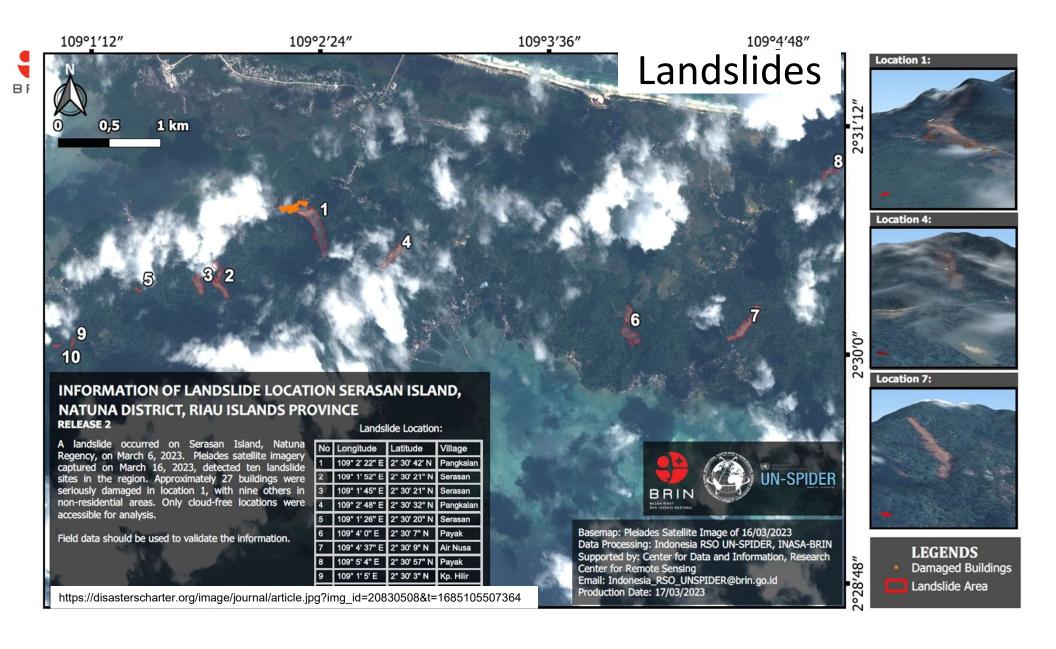




### Volcanic eruption at Semeru Volcano Eruption <a>©</a>





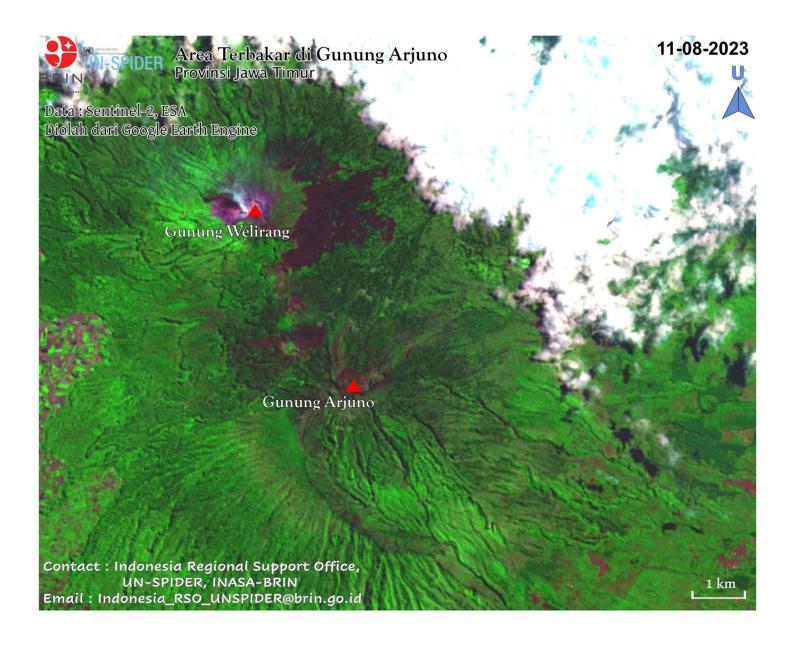




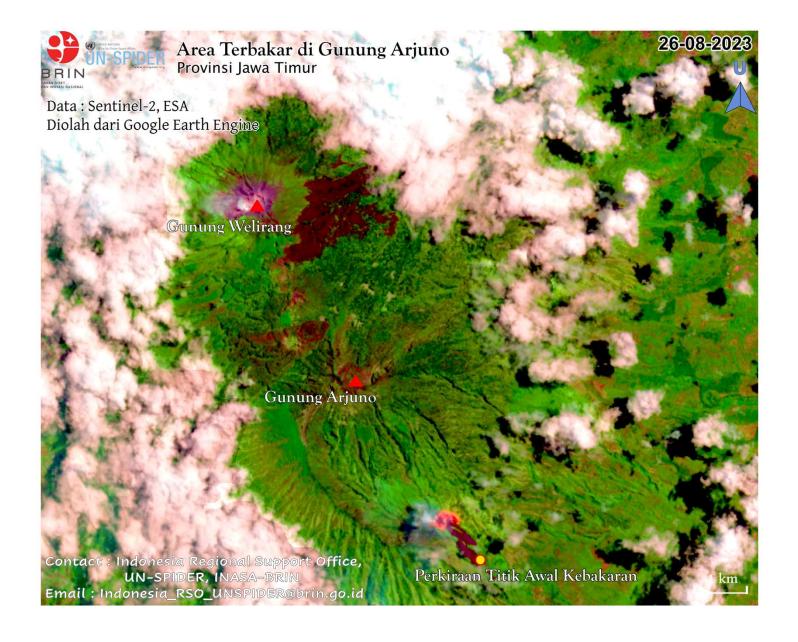
### Mount Arjuno, Java

The most recent forest/land fires case

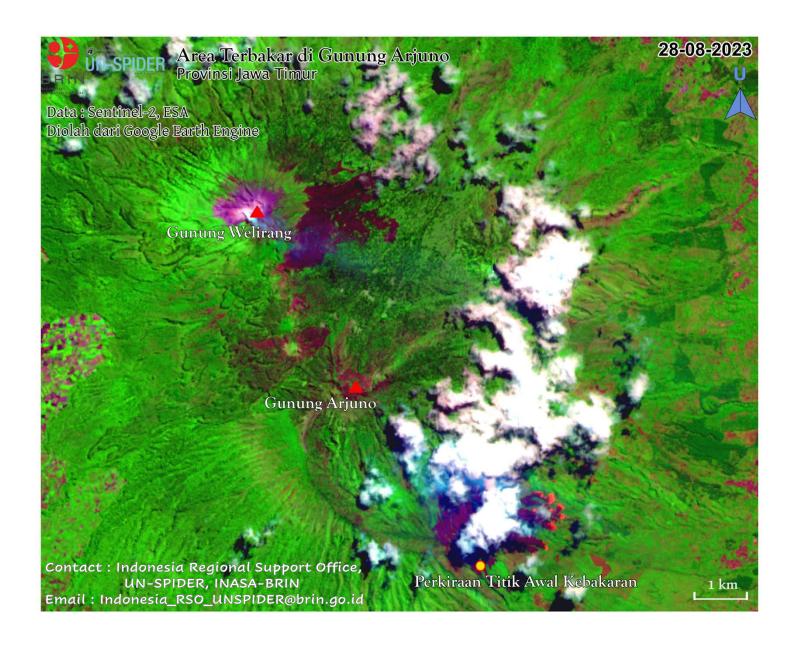




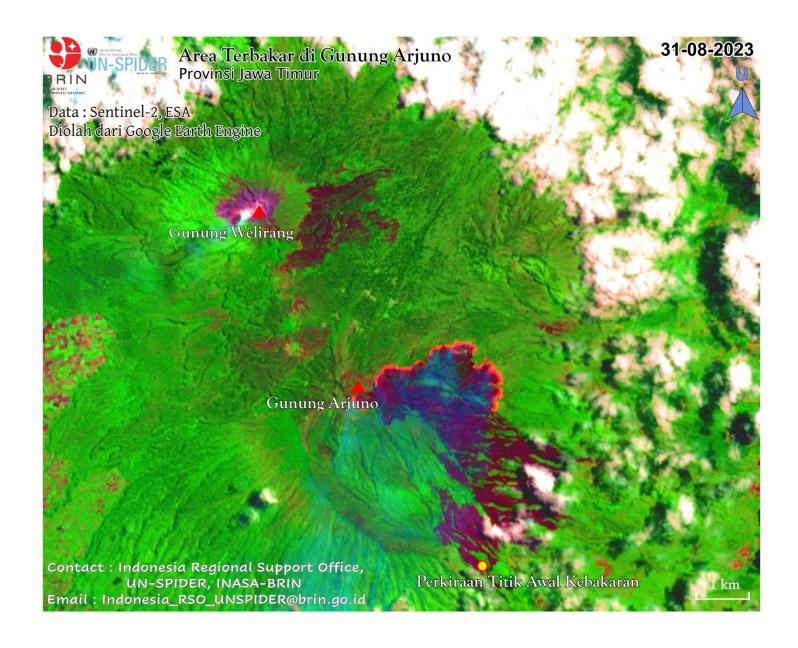




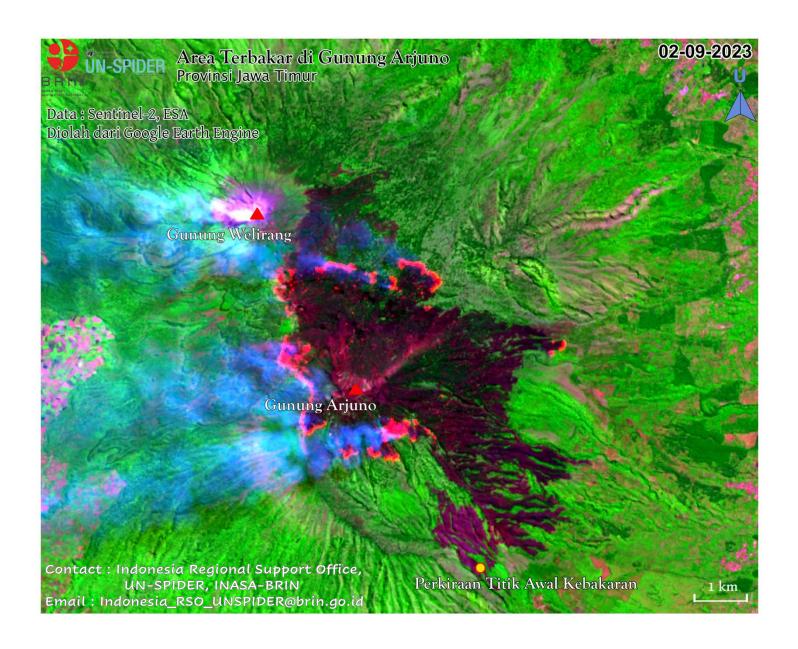




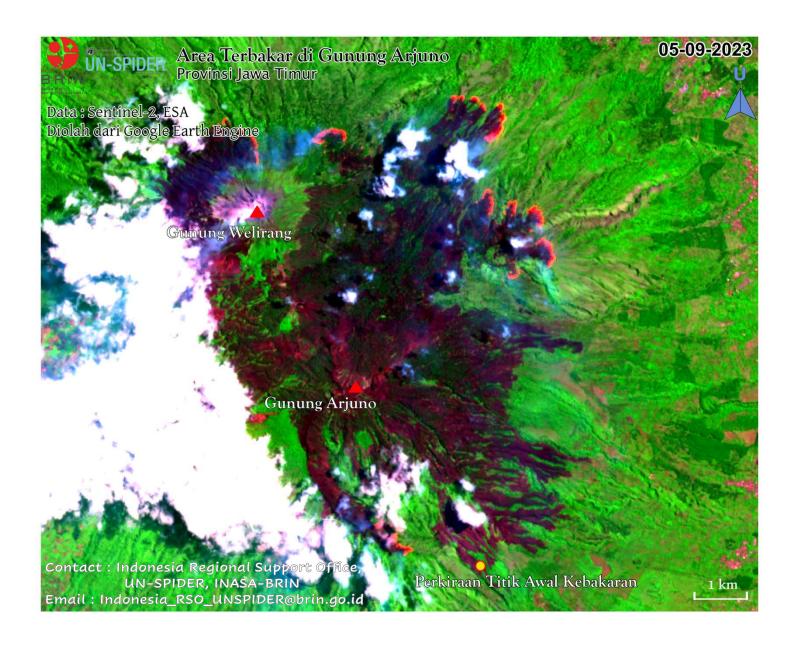




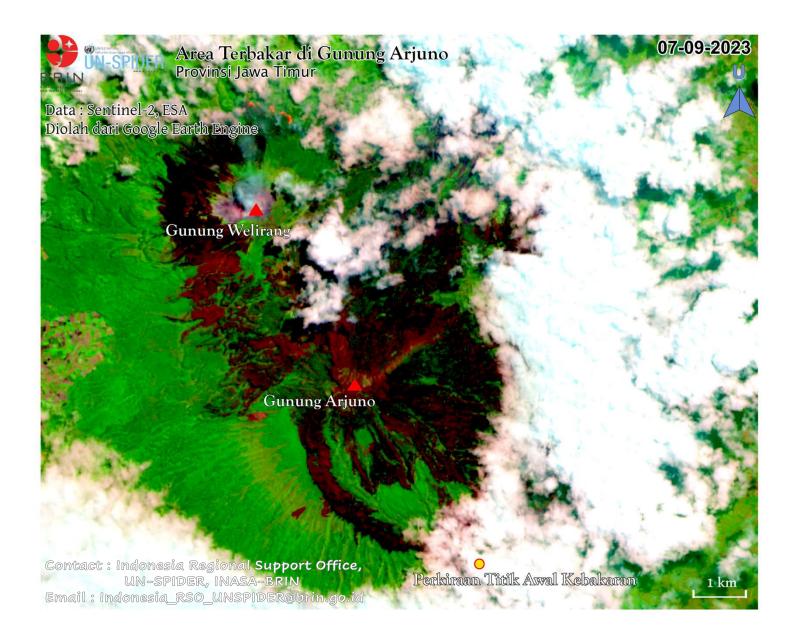




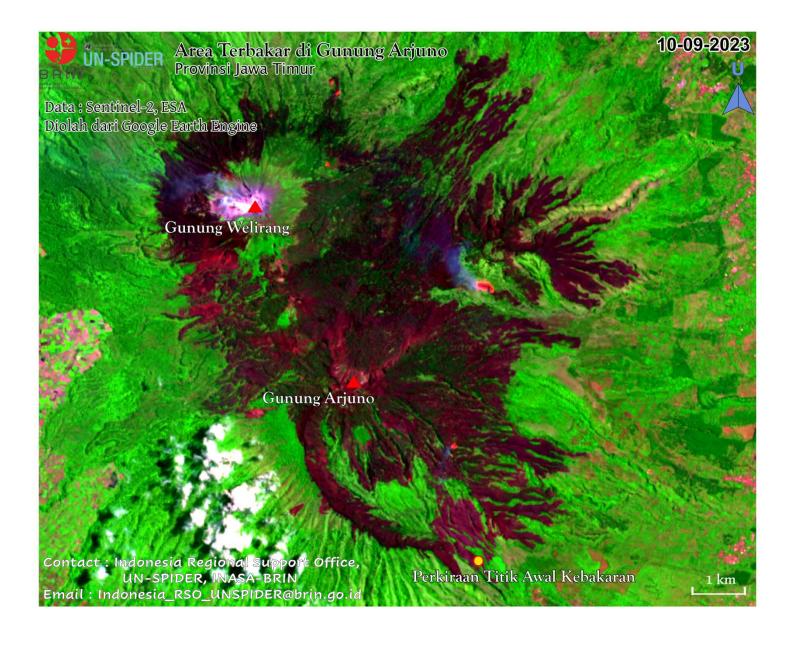














### **Mount Bromo**

The most recent forest/land fires case
Using daily Planet data













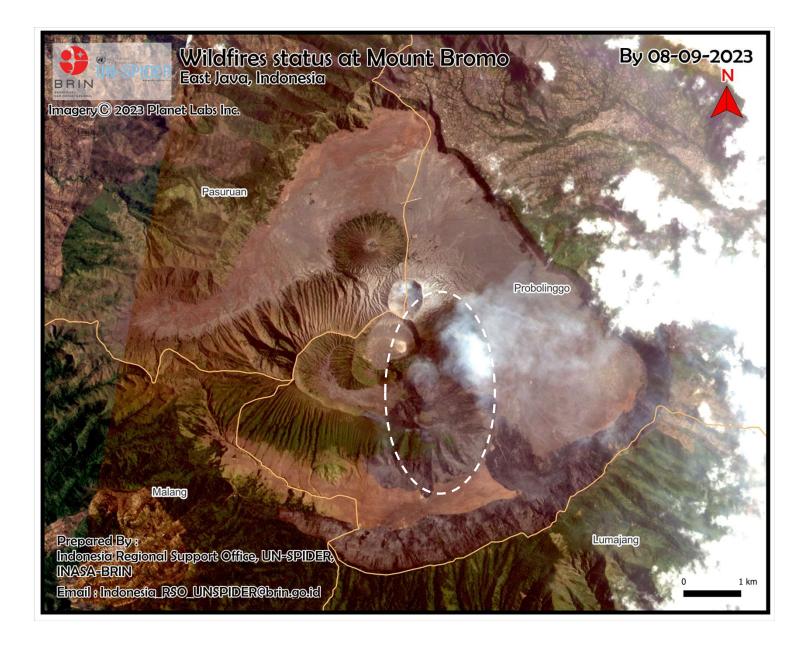




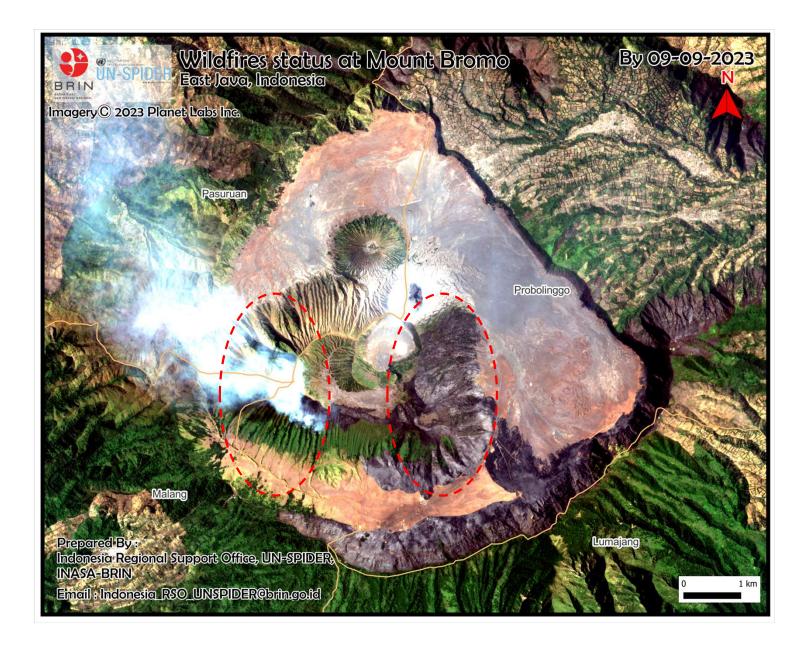




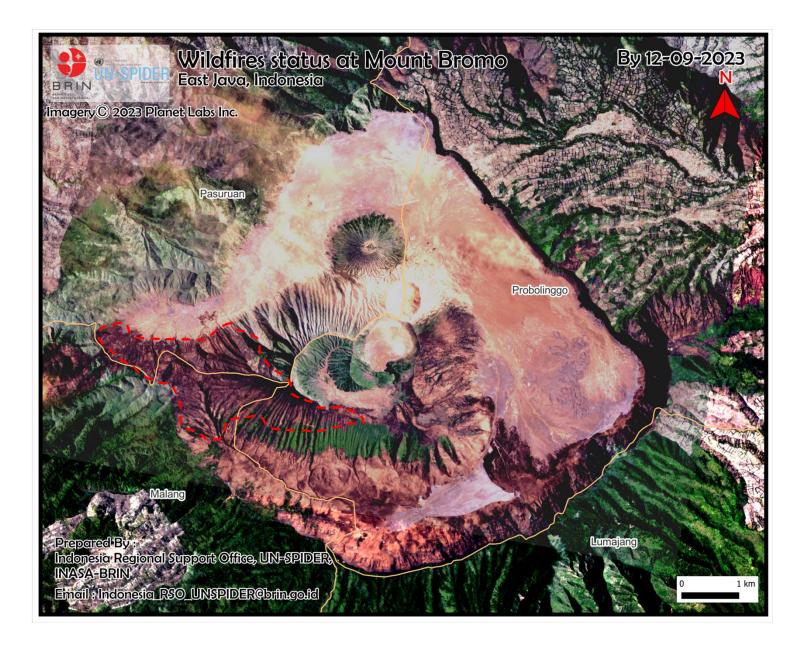


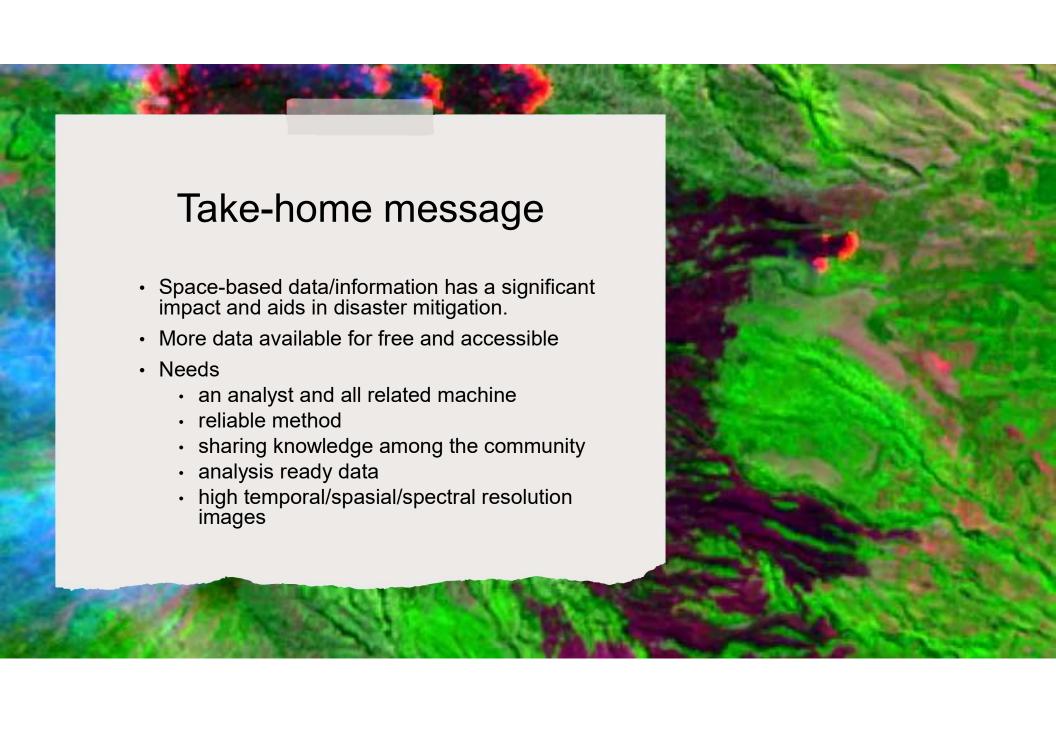














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