



Regional Wildland Fire Networks: North America – South America – Mesoamerica / Caribbean – Southeast Europe / Mediterranean – Mediterranean – Southeast Europe / Caribbean – Euro-Alpine / Caucasus – Euro-Alpine – Near East – Sub-Sahara Africa – South Asia – Southeast Asia – Australasia – Northeast Asia – Central Asia - Eurasia



Regional South East Asia Wildland Fire Network

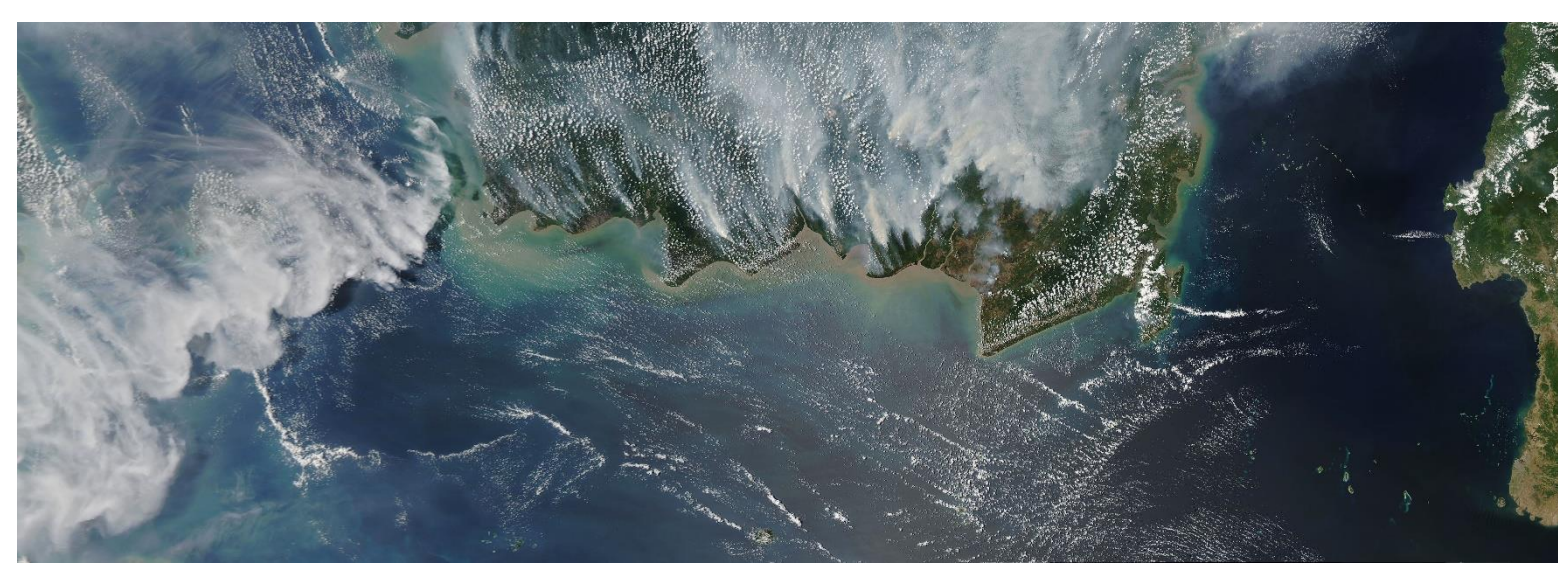
Regional Fire Management Resource Center – South East Asia (RFMRC-SEA)



Major Landscape Fire Issues in South East Asia

Fire Use and Causes of Wildfires

- Land preparation with fire for daily subsystem for local / indigenous people
- Land clearing with fire illegally for commercial purpose
- Using fire as a tool for claim the land
- Using fire as a weapon
- Using fire for economic purpose
- Using fire for attracting / hunting wildlife
- Using fire to catch fish
- Using fire for paddy production
- Using fire collect bee honey
- Using fire for protecting the trees again insect and disease



Enhanced Nationally Determined Contribution (ENDC) Indonesia (2022)

The 3rd Biennial Update Report (BUR) reported increase in emission level to 1.845 GtCO₂-eq in 2019, which was dominated by **emissions from LUCF including peat fires (50.13%)** followed by energy (34.49%), waste (6.52%) and IPPU (3.15%).

- Efforts to significantly reduce the emission of this sector and turn it into net sink by 2050 under CPOS and by 2030 under LCCP depends primarily on the success of the following actions :
 - (i) reducing emission from deforestation and peatland (peat decomposition and peat fire);
 - (ii) increasing the capacity of natural forest in sequestering carbon (by reducing degradation and enhancing the regeneration);
 - (iii) restoring peatland,
 - (iv) implementing forest restoration (enrichment planting/sink enhancement),
 - (v) adopting sustainable forest management practices; and (
 - (vi) maximizing the use of unproductive lands (idle lands) for the establishment of forest and agriculture plantations



RFMRC-SEA Contributions to:
 26th UN Climate Change Conference of the Parties (COP26), Glasgow, UK (2021)



XV World Forestry Congress, Seoul, South Korea (2022)

The South East Asia Regional Network

The repeat fire and haze crisis of 2015 and the recurrent regional smoke episodes in 2016-17 have resulted in renewed national and international efforts in the Southeast Asia region, particularly in Indonesia, to address the serious challenges in the arena of fire management.

The objective of the is the establishment of the Regional Fire Management Resource Center – South East Asia Region (RFMRC-SEA), which will function as an independent regional center of competency and excellence for fire management and will operate at the interface between science and informed policy development (Science-Policy Interface – SPI).



Regional Network Activities

1. Development of an **internet-based information portal**, which will include the **science** of vegetation fires and related scientific disciplines;
2. Development of a web-based documentation and information portal on the **practices that are prerequisite for the application of scientific principles** in informed fire management;
3. Creation of an **interface and promotion of the dialogue between services of specialized governmental institutions and civil society organizations**;
4. **Provision of advisory service** for sustainable forestry & land management and relevant policies;
5. **Promotion of regional cooperation through networks**, notably within the UNISDR Regional Southeast Asia Wildland Fire Network under the Global Wildland Fire Network; and
6. **Training and continuing vocational training in fire management** (main task: Information, training, training and education and the promotion of human resources and institutional capacities).



Regional Round Table Meeting and Consultation
Enhancing Regional Cooperation in Fire Management in South East Asia
 Ministry of Environment and Forestry, Republic of Indonesia
 Jakarta, Indonesia
 and
 Regional Fire Management Resource Center South East Asia (RFMRC-SEA)
 Bogor Agricultural University
 6-7 June 2018



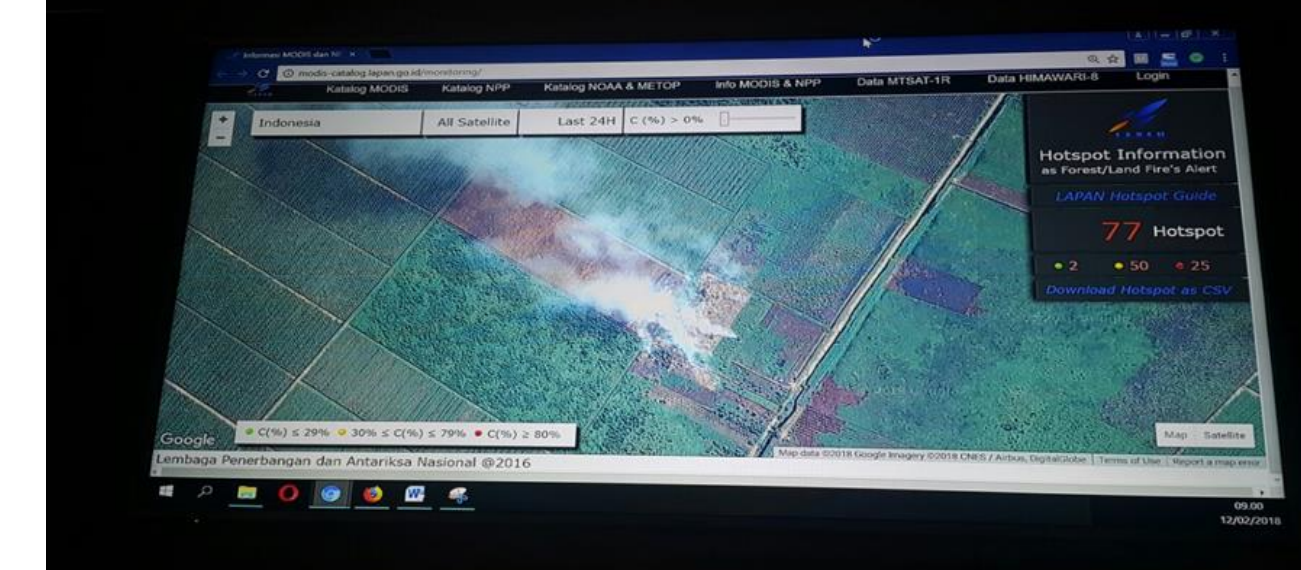
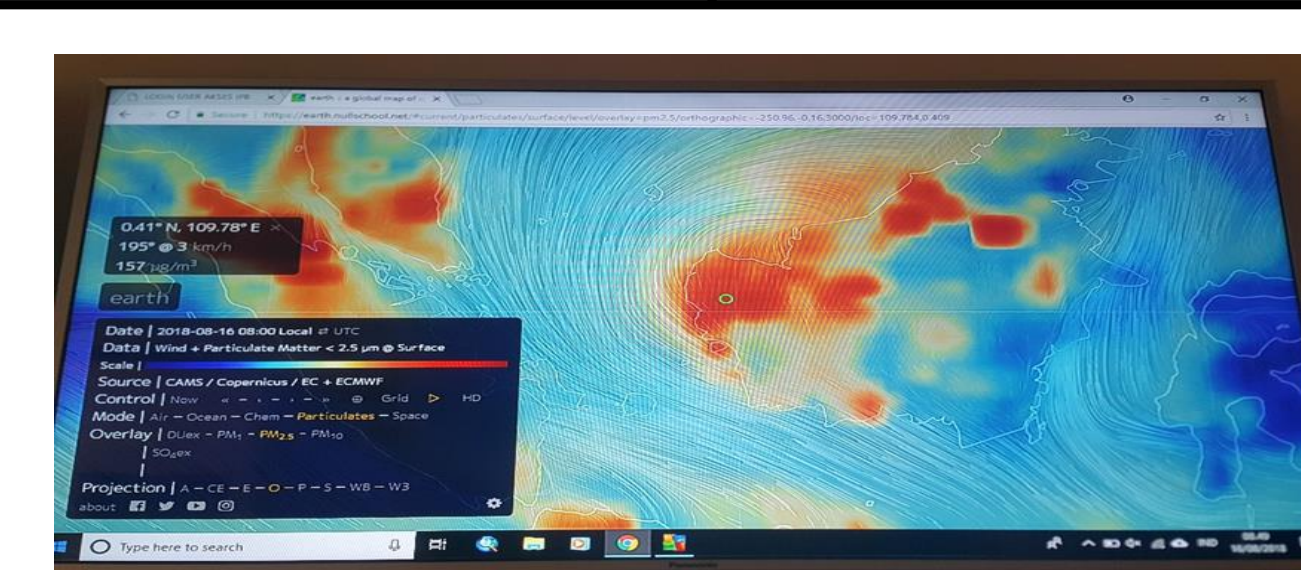
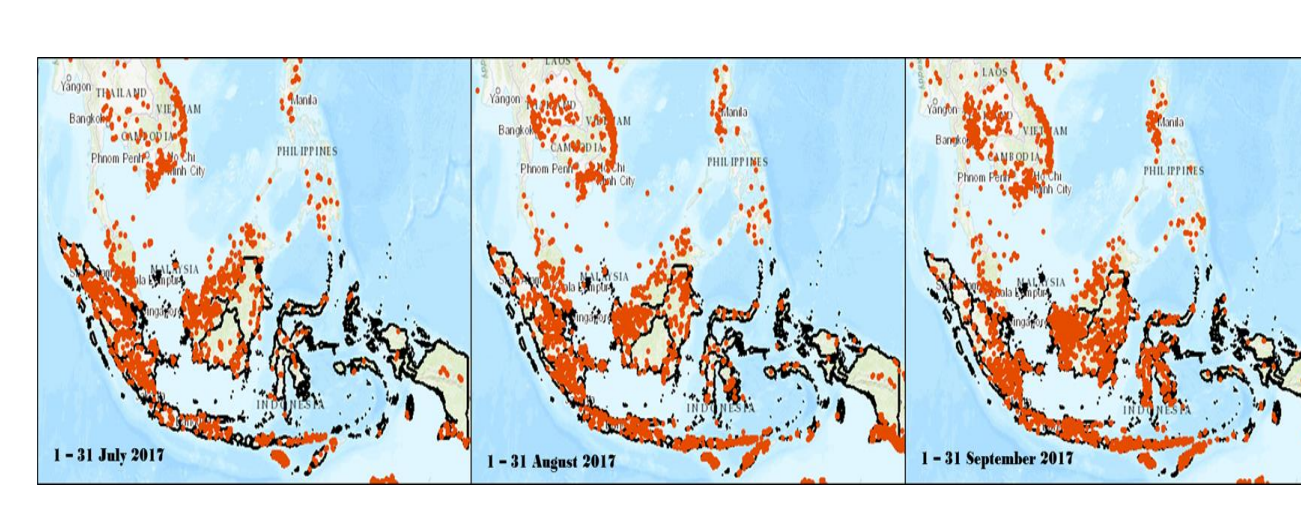
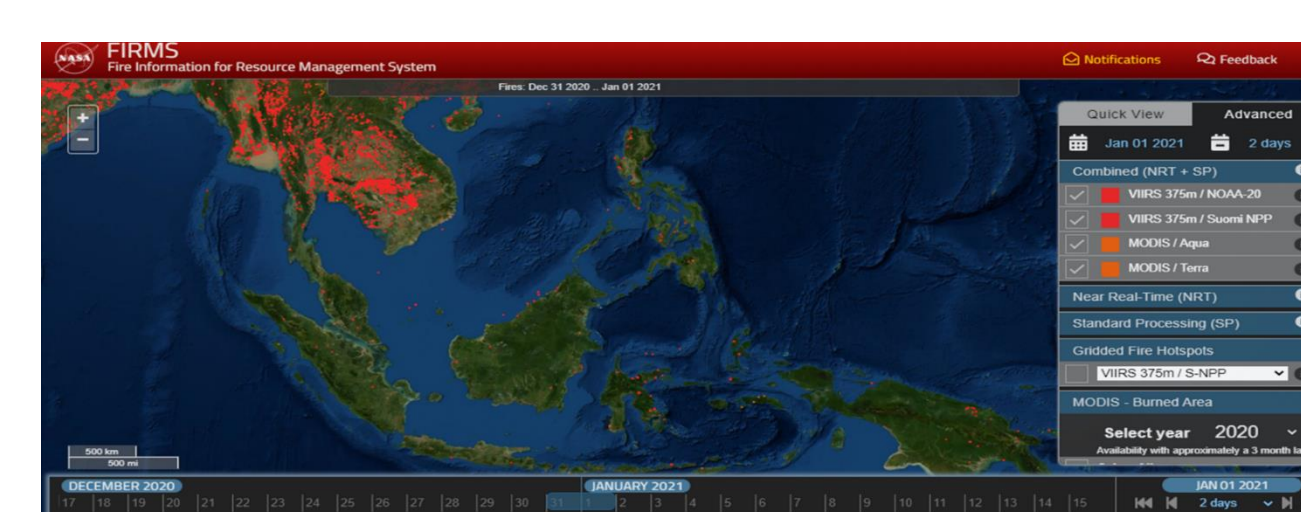
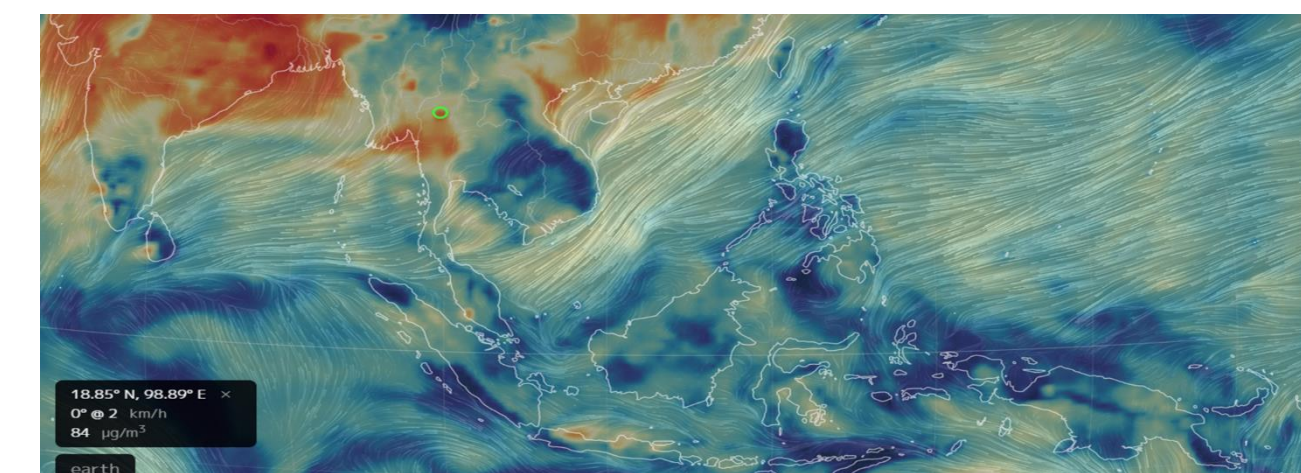
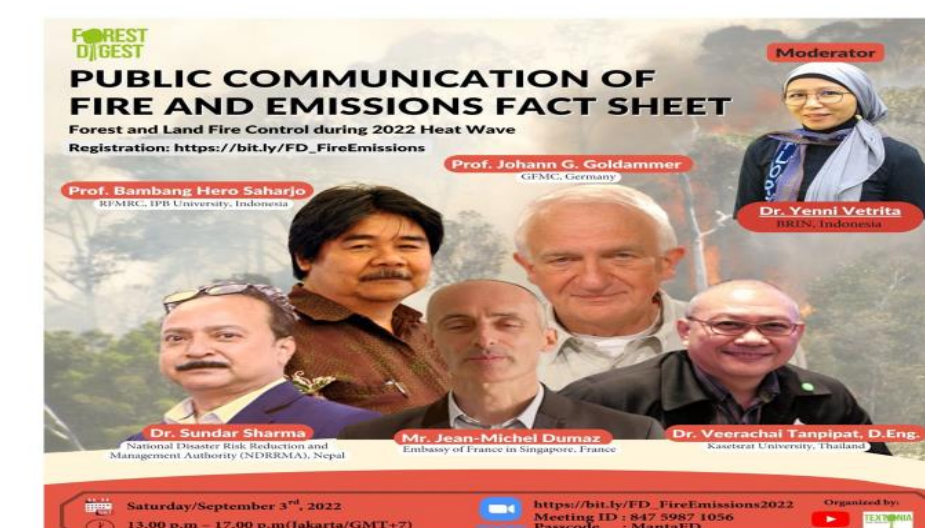
Opening of RFMRC-SEA – National Round Table Indonesia – SE Asia Round Table on Regional Cooperation in Fire Management (2017-2018)



Meetings of ASEAN Member States at RFMRC-SEA

Special events

- Training for law enforcement official, webinars, research collaboration
- Monitoring satellite-depicted hotspots and other important parameters link with fires



Monitoring of fire danger, active fires and smoke pollution at RFMRC-SEA