Status of S-NPP VIIRS Burned Area

S-NPP VIIRS Burned Area Product

Collection 2: (2020 expected release)

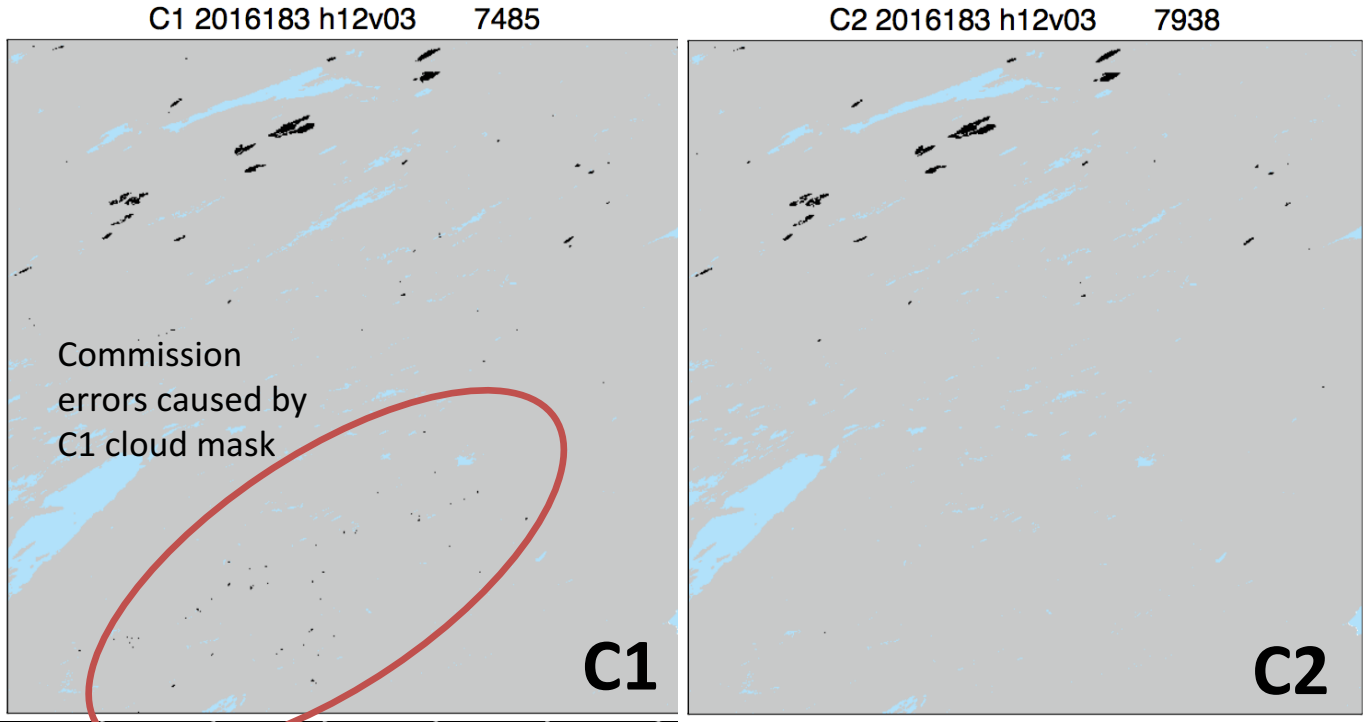
- VNP64A1: Monthly L3 “500 m” SIN Grid
- VNP64CMH: Monthly CMG

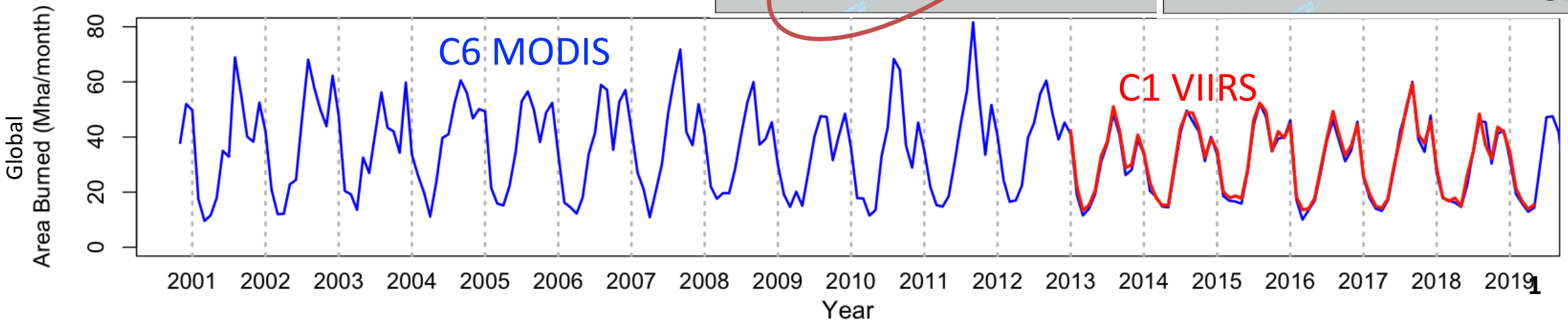
Status and Updates:

- Limited C1 release
- Validation will leverage reference data used to validate C6 MODIS BA product

Known Issues:

- Cloud mask artifacts – fixed in C2





Status of S-NPP VIIRS Active Fire

VIIRS Active Fire Products

Collections 1 & 2:

- VNP14 (750 m)/VNP14IMG (375 m)
- VNP14A1 L3 Daily "1 km" SIN Grid
- VNP14ML/VNP14IMGML: Monthly fire locations

Status and Updates:

- 375-m product widely used
- 750-m product primarily for continuity
- Code handles both S-NPP + N20 VIIRS

Known Issues:

- Bad scans (C1) – C2 fix in progress

Recent Publications:

- Vadrevu, K. P., Lasko, K., Giglio, L., Schroeder, W., Biswas, S., and Justice, C. O., 2019, Trends in vegetation fires in south and southeast Asian countries. *Scientific Reports*, 9:7422, 1-13.

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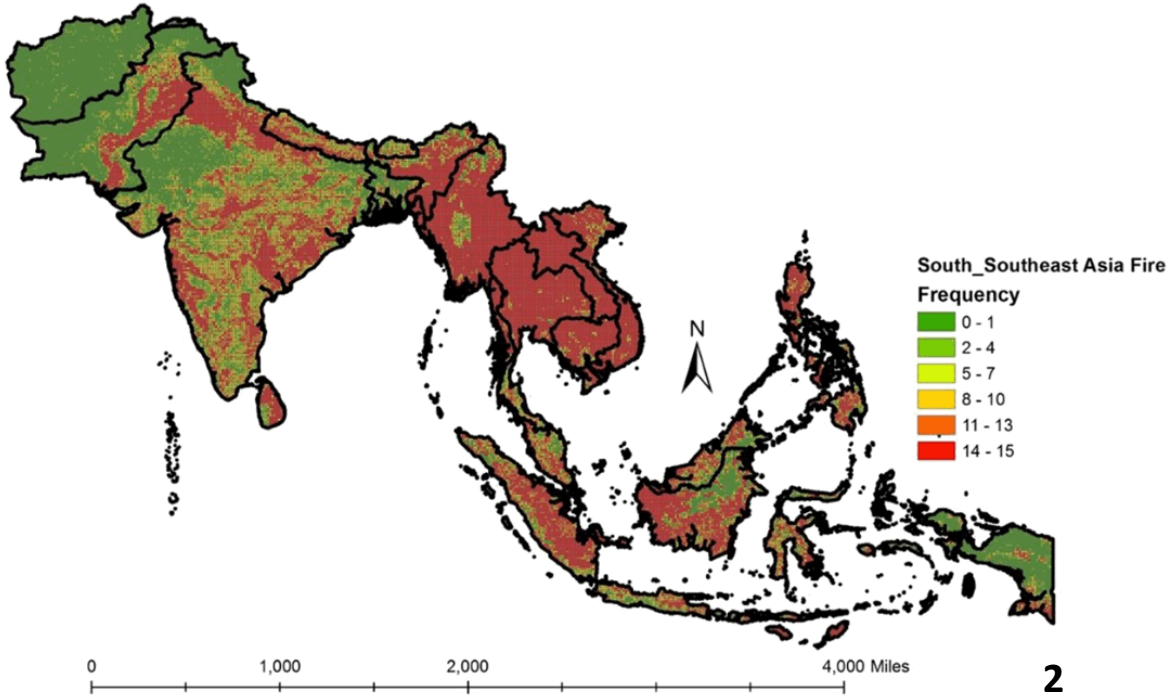
Trends in Vegetation fires in South and Southeast Asian Countries

Krishna Prasad Vadrevu[1], Kristofer Lasko[2], Louis Giglio[5], Wilfrid Schroeder[3], Sumalika Biswas[4] & Chris Justice[5]