

Supplementary

Influence of Tropical Weather and Northeasterly Air Mass on Carbonaceous Aerosol in the Southern Malay Peninsula

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Table S1. Latitude and longitude sampling locations

Sampling Locations	Latitude	Longitude
UTHM	1.856111°	103.084444°
SMKGP	1.4477778°	103.591667°
PUSPATRI	1.4604389°	103.8911306°

Table S2. Flow rate for all samples

Sampling site	Sampling Date	Sample ID	Flow rate (m³/min)
SMKGP	10-Jan	PS2615	1.444
	16-Jan	PS2616	1.472
	22-Jan	PS2602	1.472
	28-Jan	PS2620	1.472
	3-Feb	PS2818	1.472
	21-Feb	PS2802	1.501
	23-Mar	PS2810	1.472
	17-Mar	PS2814	1.472
	5-Mar	PS2807	1.472
	11-Mar	PS2808	1.472
UTHM	16-Jan	PS2223	1.161
	10-Jan	PS2225	1.189
	22-Jan	PS2419	1.161
	4-Jan	PS2229	1.161
	28-Jan	PS2421	1.189
	3-Feb	PS2457	1.189
	21-Feb	PS2579	1.189
	5-Mar	PS2541	1.161
	11-Mar	PS2547	1.161
PUSPATRI	10-Jan	PS2612	1.444
	16-Jan	PS2601	1.359
	4-Jan	PS2291	1.472
	28-Jan	PS2605	1.472
	3-Feb	PS2714	1.472
	21-Feb	PS2710	1.472

	17-Mar	PS2702	1.472
	11-Mar	PS2706	1.472
	23-Mar	PS2703	1.472

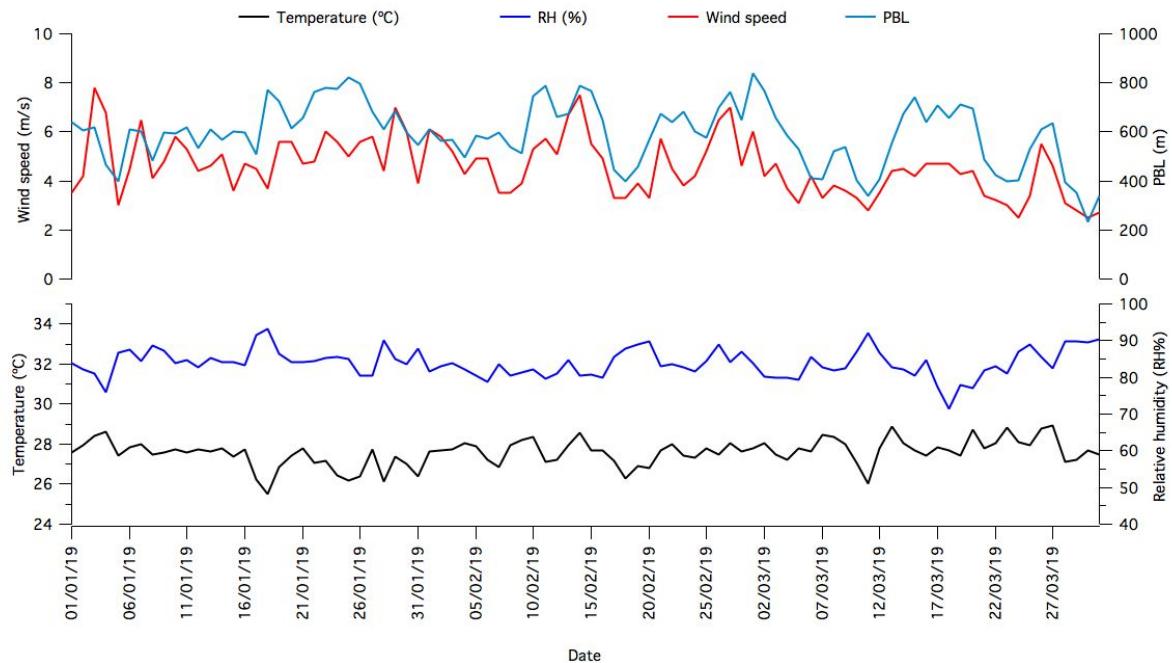


Figure S1. Temperature, humidity and wind speed in Johor in January to March.

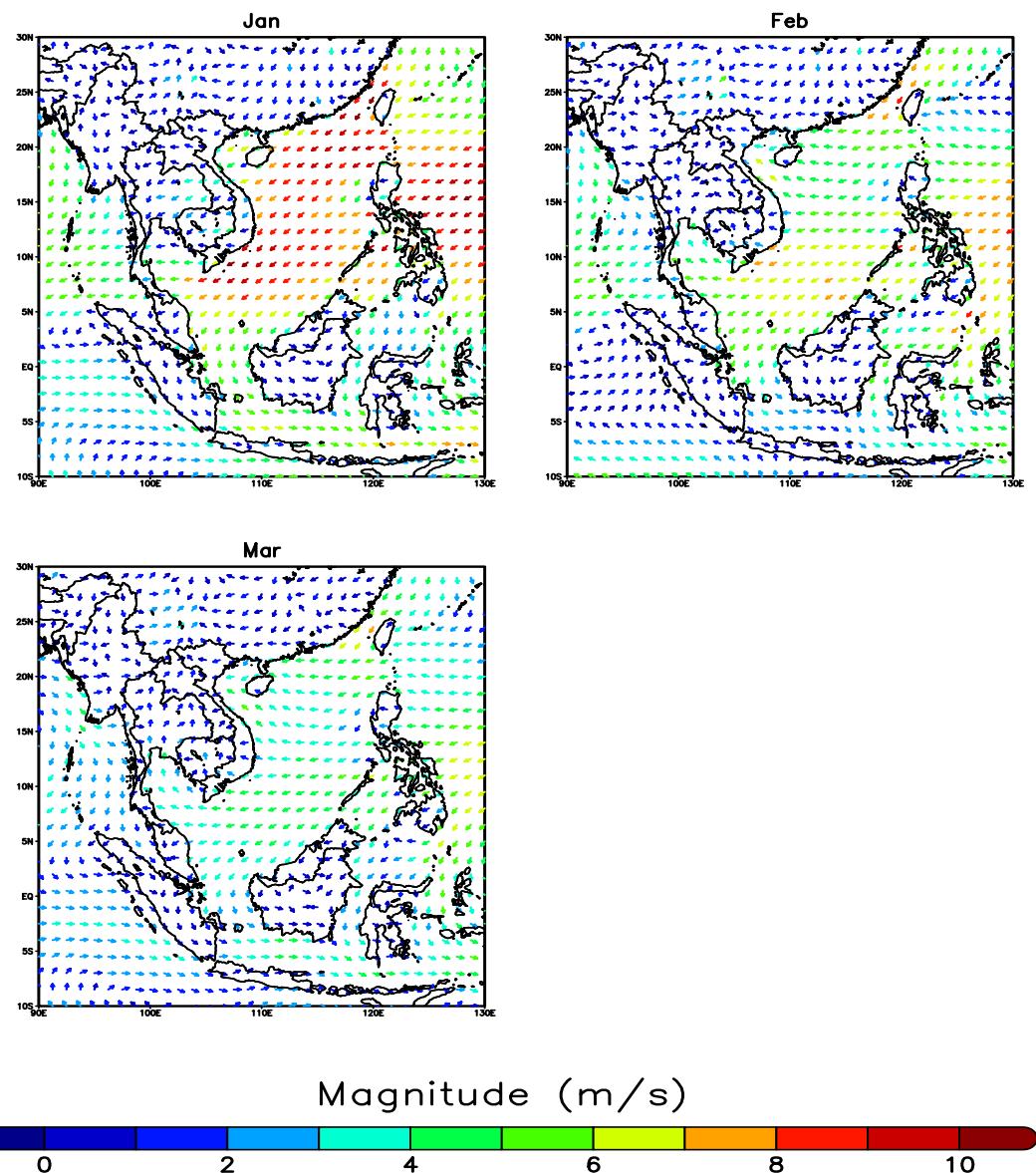


Figure S2. Synoptic wind vector over sampling sites

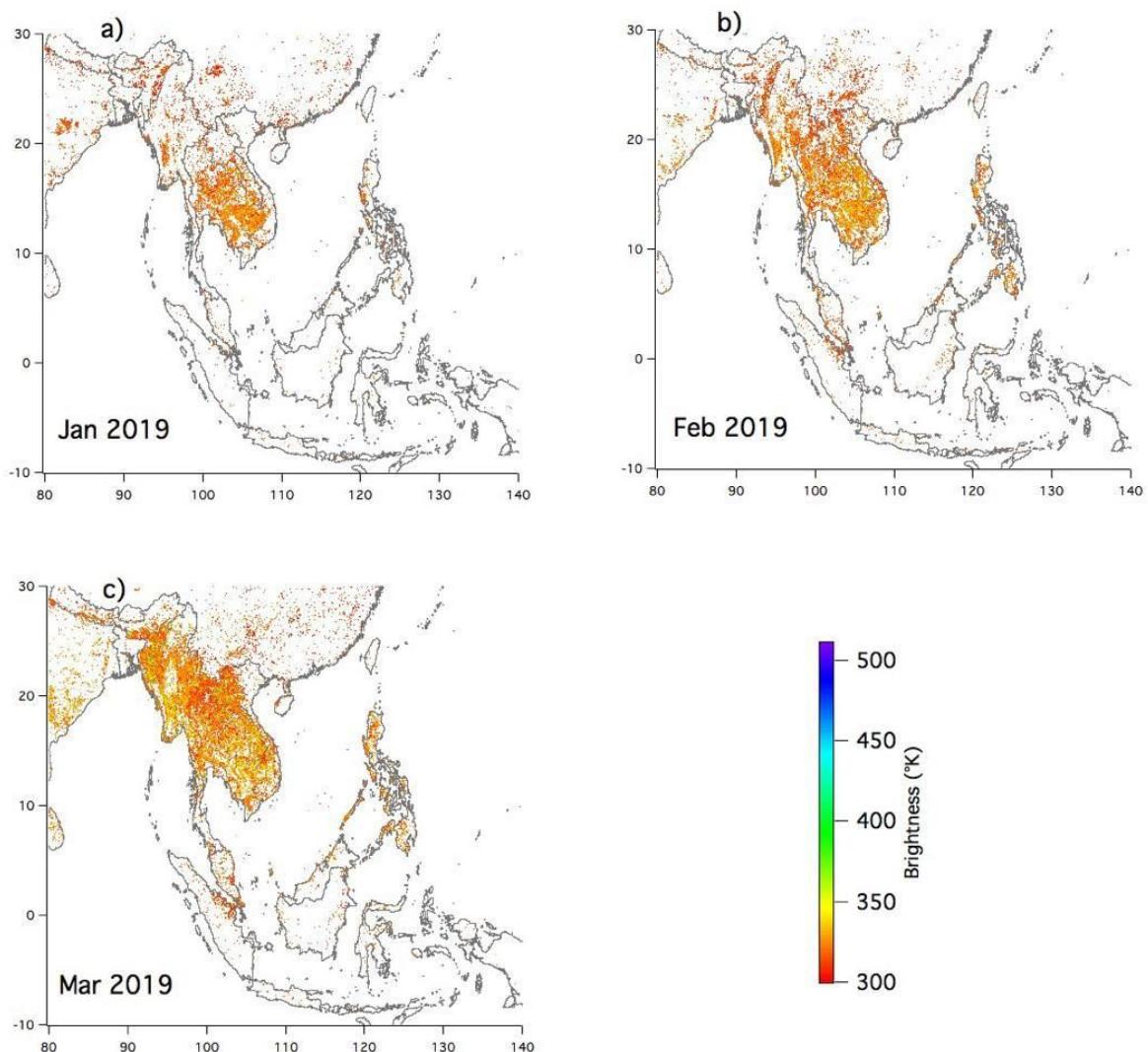


Figure S3. Image of the actively burning fire recorded by the MODIS on board NASA's Terra satellite on January, February and March 2019.