

Supplementary Materials

Data set in Table 4 was used to match with Landsat-8 images with derived DOC concentration. We applied the selected exponential algorithm to Landsat-8 images.

Table 4. The table shows sampling trips from 4/3/2017 to 12/3/2017 in the study area. There are a total of 63 stations, some of the stations with very high DOC concentration are samples from inland. This data set is used to match with Landsat-8 images with derived DOC concentration (derived from the selected exponential algorithm).

Rivers	Date	No. Station	DOC μM	time
Rajang	4/3/2017	1	32585	15:32
Rajang	5/3/2017	4	169.3 \pm 31.7	9:00 to 17:43
Rajang	6/3/2017	6	133.5 \pm 29.7	9:46 to 18:24
Rajang	7/3/2017	2	124.8 \pm 59.0	6:05 to 9:57
Sebuyau	11/3/2017	11	940.95 \pm 753.5	9:33 to 14:47
Maludam	9/3/2017	8	3405.7 \pm 1344.5	10:07 to 16:51
Simunjan	12/3/2017	5	2229.6 \pm 918.8	9:00 to 14:00
Sematan	9/3/2017	6	157.5 \pm 49.5	10:25 to 13:25
Samunsam	11/3/2017	10	325.9 \pm 371.8	8:24 to 13:56
Talang	10/3/2017	10	101.9 \pm 13.9	8:34 to 13:21