

Supplementary

Table 1. All remote sensing variables extracted from Sentinel-1, Sentinel-2 and Alos Palsar mosaic imageries.

Variable	Description	Variable	Description
M2_17s16	Sentinel-2_20170916:B02	M1_Annua	Annual Sentinel-1: VV_mean
M3_17s16	Sentinel-2_20170916:B03	M2_Annua	Annual Sentinel-1: VH_mean
M4_17s16	Sentinel-2_20170916:B04	M3_Annua	Annual Sentinel-1: VV_max
M5_17s16	Sentinel-2_20170916:B05	M4_Annua	Annual Sentinel-1: VH_max
M6_17s16	Sentinel-2_20170916:B06	M5_Annua	Annual Sentinel-1: VV_min
M7_17s16	Sentinel-2_20170916:B07	M6_Annua	Annual Sentinel-1: VH_min
M8_17s16	Sentinel-2_20170916:B08	M7_Annua	Annual Sentinel-1: VV_std
M8a_17s16	Sentinel-2_20170916:B08a	M8_Annua	Annual Sentinel-1: VH_std
M11_17s16	Sentinel-2_20170916:B11	M9_Annua	Annual Sentinel-1: VV_cv
M12_17s16	Sentinel-2_20170916:B12	M10_Annua	Annual Sentinel-1: VH_cv
M2_18f18	Sentinel-2_20180218:B02	M1_RS	Rainy season Sentinel-1: VV_mean
M3_18f18	Sentinel-2_20180218:B03	M2_RS	Rainy season Sentinel-1: VH_mean
M4_18f18	Sentinel-2_20180218:B04	M3_RS	Rainy season Sentinel-1: VV_max
M5_18f18	Sentinel-2_20180218:B05	M4_RS	Rainy season Sentinel-1: VH_max
M6_18f18	Sentinel-2_20180218:B06	M5_RS	Rainy season Sentinel-1: VV_min
M7_18f18	Sentinel-2_20180218:B07	M6_RS	Rainy season Sentinel-1: VH_min
M8_18f18	Sentinel-2_20180218:B08	M7_RS	Rainy season Sentinel-1: VV_std
M8a_18f18	Sentinel-2_20180218:B08a	M8_RS	Rainy season Sentinel-1: VH_std
M11_18f18	Sentinel-2_20180218:B11	M9_RS	Rainy season Sentinel-1: VV_cv
M12_18f18	Sentinel-2_20180218:B12	M10_RS	Rainy season Sentinel-1: VH_cv
PCA_M1_18	Sentinel-2_20180218:PC1	M1_DS	Dry season Sentinel-1: VV_mean
PCA_M2_18	Sentinel-2_20180218:PC2	M2_DS	Dry season Sentinel-1: VH_mean
PCA_M3_18	Sentinel-2_20180218:PC3	M3_DS	Dry season Sentinel-1: VV_max
PCA_M1_17	Sentinel-2_20170916:PC1	M4_DS	Dry season Sentinel-1: VH_max
PCA_M2_17	Sentinel-2_20170916:PC2	M5_DS	Dry season Sentinel-1: VV_min
PCA_M3_17	Sentinel-2_20170916:PC3	M6_DS	Dry season Sentinel-1: VH_min
ndvi18	Sentinel-2_20180218:NDVI	M7_DS	Dry season Sentinel-1: VV_std
ndvi17	Sentinel-2_20170916:NDVI	M8_DS	Dry season Sentinel-1: VH_std
evi18	Sentinel-2_20180218:EVI	M9_DS	Dry season Sentinel-1: VV_cv
evi17	Sentinel-2_20170916:EVI	M10_DS	Dry season Sentinel-1: VH_cv
ndvi1_18	Sentinel-2_20180218:RE-NDVI ₇₄₀	S1_M1_17	Sentinel-1_20170921_VV
ndvi1_17	Sentinel-2_20170916:RE-NDVI ₇₄₀	S1_M2_17	Sentinel-1_20170921_VH
ndvi2_18	Sentinel-2_20180218:RE-NDVI ₇₈₃	S1_M1_18	Sentinel-1_20180212_VV
ndvi2_17	Sentinel-2_20170916:RE-NDVI ₇₈₃	S1_M2_18	Sentinel-1_20180212_VH
ndvi7_18	Sentinel-2_20180218:RE-NDVI ₇₀₅	ALOS_M1	Alos PALSAR 2017 mosaic: HH
ndvi7_17	Sentinel-2_20170916:RE-NDVI ₇₀₅	ALOS_M2	Alos PALSAR 2017 mosaic: HV
ND_RE1_18	Sentinel-2_20180218:ND_RE1		
ND_RE1_17	Sentinel-2_20170916:ND_RE1		
ND_RE2_18	Sentinel-2_20180218:ND_RE2		

ND_RE2_17	Sentinel-2_20170916:ND_RE2
CHLRE_18	Sentinel-2_20180218:CHL-RE
CHLRE_17	Sentinel-2_20170916:CHL-RE
