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## LIST OF ABBREVIATIONS

A	Burned Area
AGB	Aboveground Biomass
ASTM	American Society for Testing and Materials
BA	Basal Area
BC	Black Carbon
BL	Biomass Load
C	Carbon
CAs	Carbonaceous Aerosols
CCN	Cloud Condensation Nuclei
CC	Combustion Completeness
CO	Carbon monoxide
CO <sub>2</sub>	Carbon dioxide
DBH	Diameter at Breast Height
DDF	Dry Dipterocarp Forest
EC	Elemental Carbon
EF	Emission Factor
FB	Fraction Burned
Gg	Gigagram (thousand metric tons)
GWP	Global Warming Potential
H	Hydrogen
ha	Hectare
HKK	Huay Kha Khaeng Wildlife Sanctuary
Ht	Height
hPa	hecto Pascal
IPCC	Intergovernmental Panel on Climate Change
IVI	Ecological Important Value Index
M	Amount of biomass burned
MCE	Modified combustion efficiency
MDF	Mixed Deciduous Forest

**LIST OF ABBREVIATIONS (Cont')**

MNP	Mae Nam Phachi Wildlife Sanctuary
N	Nitrogen
OC	Organic Carbon
OEA	Organic Elemental Analyzer
PM	Particulate Matter
PM <sub>2.5</sub>	Particulate matter with aerodynamic diameter lesser than 2.5 micrometers
rai	Thai unit for area, 1 rai = 1,600 m <sup>2</sup>
TC	Total Carbon
Tg	Teragram (million metric tonnes)
TDF	Tropical Deciduous Forest
TPM	Total Particulate Matter
UTM	Universal Transverse Mercator