

**Table 2. Former version:** Scenarios used in APIFLAME for the calculation of emissions during the summer of 2016.

Name	Burned area <sup>a</sup>	Vegetation type	Fuel consumed
BA-CLC	MCD64	CORINE Land Cover (CLC)	ORCHIDEE
BA-MODIS	MCD64	MODIS	ORCHIDEE
BA-FRP-CLC	Merge MCD64 with MOD14 FRP	CLC	ORCHIDEE
BA-FRP-MODIS	Merge MCD64 with MOD14 FRP	MODIS	ORCHIDEE
BA-sf-CLC	MCD64 + small fires	CLC	ORCHIDEE
BA-sf-MODIS	MCD64 + small fires	MODIS	ORCHIDEE
BA-sf-MODIS-lit	MCD64 + small fires	MODIS	van Leeuwen et al. (2014); cf. Table 1
BA-sf-MODIS-lit-forest	MCD64 + small fires	MODIS	van Leeuwen et al. (2014); cf. Table 1 for temperate forest
BA-FRP-MODIS-EF	Merge MCD64 with MOD14 FRP	MODIS	Alves et al. (2011b) for forest; cf. text for details; emission factors CO, OC, BC
BA-sf-MODIS-EF	MCD64 + small fires	MODIS	Alves et al. (2011b) for forest; cf. text for details; emission factors CO, OC, BC

<sup>a</sup> Calculated using MODIS burned scar (MCD64) or active fire (MOD14) products.

**Table 2. New version:** Scenarios used in APIFLAME for the calculation of emissions during the summer of 2016. Default emission factors are from Akagi et al. (2011), including updates.

Name	Burned area <sup>a</sup>	Vegetation type	Fuel consumed	Emission factors
BA-CLC	MCD64	CLC	ORCHIDEE	Default
BA-MODIS	MCD64	MODIS	ORCHIDEE	Default
BA-FRP-CLC	Merge MCD64 with MOD14 FRP	CLC	ORCHIDEE	Default
BA-FRP-MODIS	Merge MCD64 with MOD14 FRP	MODIS	ORCHIDEE	Default
BA-sf-CLC	MCD64 + small fires	CLC	ORCHIDEE	Default
BA-sf-MODIS	MCD64 + small fires	MODIS	ORCHIDEE	Default
BA-sf-MODIS-lit	MCD64 + small fires	MODIS	van Leeuwen et al. (2014)	Default
BA-sf-MODIS-lit-forest	MCD64 + small fires	MODIS	van Leeuwen et al. (2014) for temperate forest	Default
BA-FRP-MODIS-EF	Merge MCD64 with MOD14 FRP	MODIS	ORCHIDEE	Alves et al. (2011b) for forest and CO, OC, BC
BA-sf-MODIS-EF	MCD64 + small fires	MODIS	ORCHIDEE	Alves et al. (2011b) for forest and CO, OC, BC

<sup>a</sup> Calculated using MODIS burned scar (MCD64) or active fire (MOD14) products.