Model	Lat/long resolution	Dust emission implementation	Dynamic vegetation	Model reference
CanESM2	$2.8° \times 2.8°$	Reader et al. (1999); Croft et al. (2005)	N^+	Arora et al. (2011)
GFDL-CM3	$2.0° \times 2.5°$	Ginoux et al. (2001)	Y^+	Donner et al. (2011)
HadGEM2-CC	$1.2° \times 1.8°$	Marticorena and Bergametti (1995)	Y^+	Collins et al. (2011)
HadGEM2-ES	$1.2° \times 1.8°$	Marticorena and Bergametti (1995)	Y^+	Collins et al. (2011)
MIROC-ESM	$2.8° \times 2.8°$	Takemura et al. (2000)	Y^+	Watanabe et al. (2011)
MIROC-ESM-CHEM	$2.8° \times 2.8°$	Takemura et al. (2000)	Y^+	Watanabe et al. (2011)
NorESM1-M	$1.9° \times 2.5°$	Seland et al. (2008)	N^+	Bentsen et al. (2013)