

Model	Simulated year(s)	Horizontal resolution (long $\times$ lat)	Vertical resolution (sigma levels)	Meteorology	Reference
CAM4	2007–2011	$1.9^\circ \times 2.5^\circ$	56	GEOS-5	Scanza et al. (2018)
GEOS-Chem	1 Mar 2009–28 Feb 2010	$2.0^\circ \times 2.5^\circ$	47	GEOS-5	Johnson and Meskhidze (2013)
IMPACT	2014	$2.0^\circ \times 2.5^\circ$	59	GEOS-FP	Ito et al. (2018a)
TM4-ECPL	2008	$3.0^\circ \times 2.0^\circ$	34	ERA-Interim	Myriokefalitakis et al. (2015, 2016)