

Simulation name	GFDL-CM3			NCAR-CESM1			GISS-E2		
	Type	Emis. (Tg species yr ⁻¹)	ERF (W m ⁻²)	Type	Emis. (Tg species yr ⁻¹)	ERF (W m ⁻²)	Type	Emis. (Tg species yr ⁻¹)	ERF (W m ⁻²)
US_SO ₂	Zero	14.8	0.16	Zero	14.0	0.14	Zero	14.8	0.056
US_BC	Zero	0.37	-0.013	Zero	0.4	0.11	N/A		
US_OC	Zero	0.82	-0.008	Zero	0.8	0.12	N/A		
US_ALL	Zero	14.8 SO ₂ 0.37 BC 0.82 OC	0.14	Zero	14.0 SO ₂ 0.4 BC 0.8 OC	0.23	Zero	14.8 SO ₂ 0.36 BC 0.68 OC	0.068
EU_SO ₂	80 %	14.6	0.18	Zero	18.3	0.18	Zero	18.6	0.09
EU_BC	Zero	0.77	-0.095	Zero	0.8	-0.03	N/A		
EU_OC	Zero	2.63	0.026	Zero	2	0.15	N/A		
EU_ALL	80 % Zero Zero	14.6 SO ₂ 0.77 BC 2.63 OC	0.13	N/A			N/A		
CH_SO ₂	80 %	14.2	0.089	Zero	15.1	0.12	80 %	14.3	0.041
IN_SO ₂	Zero	5.7	0.13	Zero	5.6	0.11	Zero	5.63	0.037
IN_BC	Zero	0.54	-0.038	Zero	0.6	0.06	Zero	0.53	0.011
IN_OC	Zero	2.78	-0.024	N/A			N/A		
AFR_BB	33 %	0.41 SO ₂ 0.41 BC 5.3 OC	0.026	Zero	0.4 SO ₂ 0.4 BC 3.3 OC	0.10	Zero	1.24 SO ₂ 1.22 BC 12.5 OC	0.108
SA_BB	Zero	0.40 SO ₂ 0.40 BC 4.7 OC	0.026	Zero	0.40 SO ₂ 0.40 BC 3.3 OC	0.34	Zero	0.41 SO ₂ 0.41 BC 4.6 OC	0.077