$\begin{array}{l} ARPP \\ H = 100 \end{array}$	Emis. Reg.	Global	Tropics	NHML	NHHL	SHML	SHHL
$SO_2$	NHML US East Asia India Europe	$\begin{array}{c} -4.4\text{e-}07 \pm 1.7\text{e-}07 \\ -5.1\text{e-}07 \pm 2.1\text{e-}07 \\ -2.5\text{e-}07 \pm 1.2\text{e-}07 \\ -1.5\text{e-}07 \pm 9.1\text{e-}08 \\ -5.8\text{e-}07 \pm 2.4\text{e-}07 \end{array}$	$\begin{array}{c} -4.6\mathrm{e}\text{-}07 \pm 1.8\mathrm{e}\text{-}07 \\ -5.1\mathrm{e}\text{-}07 \pm 2.1\mathrm{e}\text{-}07 \\ -1.7\mathrm{e}\text{-}07 \pm 8.1\mathrm{e}\text{-}08 \\ -1.0\mathrm{e}\text{-}07 \pm 6.0\mathrm{e}\text{-}08 \\ -6.6\mathrm{e}\text{-}07 \pm 2.7\mathrm{e}\text{-}07 \end{array}$	$-4.6e-07 \pm 1.8e-07$ $-5.9e-07 \pm 2.5e-07$ $-5.0e-07 \pm 2.4e-07$ $-3.0e-07 \pm 1.8e-07$ $-6.4e-07 \pm 2.7e-07$	$\begin{array}{c} -9.1\mathrm{e}\text{-}07 \pm 3.5\mathrm{e}\text{-}07 \\ -1.3\mathrm{e}\text{-}06 \pm 5.6\mathrm{e}\text{-}07 \\ -1.4\mathrm{e}\text{-}06 \pm 6.8\mathrm{e}\text{-}07 \\ -8.5\mathrm{e}\text{-}07 \pm 5.0\mathrm{e}\text{-}07 \\ -1.1\mathrm{e}\text{-}06 \pm 4.5\mathrm{e}\text{-}07 \end{array}$	$-2.0e-07 \pm 7.5e-08$ $-1.3e-07 \pm 5.4e-08$ $2.0e-08 \pm 9.9e-09$ $1.2e-08 \pm 7.4e-09$ $-9.4e-08 \pm 3.9e-08$	$\begin{array}{l} -4.4\mathrm{e}\text{-}07 \pm 1.7\mathrm{e}\text{-}07 \\ -5.0\mathrm{e}\text{-}07 \pm 2.1\mathrm{e}\text{-}07 \\ 8.0\mathrm{e}\text{-}08 \pm 3.9\mathrm{e}\text{-}08 \\ 4.9\mathrm{e}\text{-}08 \pm 2.9\mathrm{e}\text{-}08 \\ -5.3\mathrm{e}\text{-}07 \pm 2.2\mathrm{e}\text{-}07 \end{array}$
BC	Global Asia	$2.7e-06 \pm 1.3e-06$ $4.2e-06 \pm 2.4e-06$	$4.0e-06 \pm 1.9e-06$ $3.6e-06 \pm 2.0e-06$	$1.0e-05 \pm 4.8e-06$ $4.3e-06 \pm 2.4e-06$	$-6.9e-06 \pm 3.3e-06$ $-4.8e-07 \pm 2.7e-07$	-2.3e-06 ± 1.1e-06 7.6e-06 ± 4.3e-06	$-4.6e-06 \pm 2.2e-06$ $3.5e-06 \pm 2.0e-06$
$CH_4$	Global	$9.8 e - 08 \pm 2.5 e - 08$	$9.1 \text{e-} 08 \pm 2.4 \text{e-} 08$	$9.8 e - 08 \pm 2.5 e - 08$	$1.8e-07 \pm 4.7e-08$	$5.4 e-08 \pm 1.4 e-08$	$1.7e-07 \pm 4.4e-08$
$CO_2$	Global	7.7e-09 ± 5.0e-09	6.1e-09 ± 4.0e-09	6.6e-09 ± 4.3e-09	1.7e-08 ± 1.1e-08	5.7e-09 ± 3.8e-09	1.8e-08 ± 1.2e-08